United States Department of Agriculture

National Agricultural Statistics Service

1997 Census of Agriculture

AC97-A-15



Iowa

State and County Data

Volume 1, Geographic Area Series
Part 15

Acknowledgments

This is the first census of agriculture report prepared under the direction of the U.S. Department of Agriculture (USDA), National Agricultural Statistics Service (NASS). Many people deserve recognition for their contributions to the census program.

NASS pays special tribute to two million farmers and ranchers who provided the information requested. Only through their cooperation and support was it possible to collect and publish these data. Other USDA agencies and representatives from State departments of agriculture offered significant advice during the planning, data collection, and processing phases of the census. They provided invaluable assistance at the local level to farmers and ranchers completing census report forms.

The U.S. Department of Commerce, Bureau of the Census worked cooperatively with NASS during the program transfer and transition period. Their support of activities and the use of their National Processing Center in Jeffersonville, IN provided invaluable services.

Members of the Advisory Committee on Agriculture Statistics and representatives of both public and private organizations made significant recommendations that helped establish data content. NASS appreciates the group's strong and consistent support for census programs.

NASS expresses gratitude to the press, farm magazines, radio and television stations, farm organizations, and State departments of agriculture for publicizing the census and encouraging cooperation of farmers and ranchers.

If you would like to learn more about the statistics available from NASS or have questions concerning this report, visit our website at www.usda.gov/nass, send e-mail to nass@nass.usda.gov, or call:

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Issued March 1999



U.S. Department of Agriculture
Dan Glickman, Secretary
Miley Gonzalez, Under Secretary for
Research, Education, and Economics
NATIONAL AGRICULTURAL STATISTICS SERVICE
Donald M. Bay, Administrator

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Introduction

HISTORY

For more than 150 years, the U.S. Department of Commerce, Bureau of the Census, conducted the census of agriculture. However, the 1997 Appropriations Act transferred the responsibility from the Bureau of the Census to the U.S. Department of Agriculture (USDA), National Agricultural Statistics Service (NASS). The 1997 Census of Agriculture is the first census conducted by NASS.

The census of agriculture is taken to obtain agricultural statistics for each county, State, and the Nation. The first agriculture census was taken in 1840 as part of the sixth decennial census of population. From 1840 to 1950, the 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 other economic censuses. This adjustment in timing established the agriculture census on a 5-year cycle collecting data for years ending in 2 and 7.

CENSUS USES

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 to develop and change farm programs, study historical trends, assess current conditions, and plan for the future. Many national and State programs use census data to design and allocate funding for extension service projects, agricultural research, soil conservation programs, and land-grant colleges and universities. 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 the ''Census of Agriculture Act of 1997,'' Public Law 105-113 (Title 7, United States Code, Section 2204g). The law directs the Secretary of Agriculture to conduct a census of agriculture in 1998 and in every fifth year after, covering the prior year. The census of agriculture includes each State, Puerto Rico, Guam, the U.S. Virgin Islands, and the Commonwealth of Northern Mariana Islands.

FARM DEFINITION

The definition of a farm for census purposes was first established in 1850. It has been changed nine times since. 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 each U.S. territory varies. The report for each territory includes a discussion of its farm definition.

COMPARABILITY OF DATA

Most data are comparable between the 1997 and 1992 censuses. A few important changes for the 1997 census may affect comparability for some data. Farms with all acreage in the Conservation Reserve Program (CRP) or Wetlands Reserve Program (WRP) are included as farms in the 1997 census tabulations. For the 1992 census, farms that had all their acreage in the CRP or WRP were not included in the census tabulations.

For the 1997 census, farms were classified according to the new North American Industry Classification System (NAICS). Due to NAICS, short rotation woody crops, which includes Christmas trees and maple sap gathering, are considered crop production. Emus, ostriches, and rhea are now tabulated in other poultry. In previous agriculture censuses, farms were classified by the Standard Industrial Classification System (SIC). A bridge table showing 1997 farms classified by the SIC and a table comparing 1997 NAICS structure to 1987 SIC structure are shown in Appendix E.

Items removed from the 1997 census:

1. Land diverted under annual commodity adjustment programs
2. Commodity Credit Corporation loans for honey and rye

Dollar values for expenses and agricultural product sales are expressed in current dollars and are not 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.

REFERENCE PERIODS

Inventories of livestock, poultry, and machinery and equipment are measured as of December 31, of the census year. Crop and livestock production, sales, expenses, income from federal farm programs, irrigation, Commodity Credit Corporation loans, Conservation Reserve and Wetlands Reserve Programs, direct sales, chemicals and fertilizer, farm-related income and hired workers are measured for the calendar year, except for a few crops (such as citrus, avocados, and olives) for which the production year overlaps the calendar year.

TABLES

Chapter 1. State tables 1 through 45 show detailed State-level data usually accompanied by historical data for one or more past censuses. State tables 46 through 52 show 1997 State-level data cross-tabulated by several categories.

Chapter 2. County tables 1 through 17 include general data for all counties. The counties are listed in alphabetical order in the column headings. County tables 18 through 39 only show counties reporting a data item. Counties not reporting an item are not listed under the item heading. Counties with a limited number of farms reporting an item have their data combined and presented as part of ''All other counties.''

Appendix B. Table A shows the number of American Indian farm operators counted individually as well as those counted collectively on the reservations' supplemental reports at the State and county level. Table B shows selected data for American Indian farm operators and the percent these data contributed to the State total.

Appendix C. Table A quantifies the effect of the nonresponse estimation procedure on selected census data items. Table B provides the generalized reliability estimates of the estimated number of farms in a county that reported complete count and sample count items. Table C presents the percent relative standard error of selected State data items for all farms, and table D presents the percent relative standard error of selected State data items for all farms with sales of $10,000 or more. Table E presents the standard error for percent change in State totals from 1992 to 1997. Table F presents the percent relative standard error for State and county totals for selected data items. Table G displays adjustments to the census counts due to farms undercounted or overcounted in the census. Coverage adjusted counts are shown for total farms by demographic characteristics, land in farms, and total value of sales.

Appendix E. Table A provides 1997 census State-level data tabulated by SIC and table B is a conversion table that assists the data user when making comparisons of establishment data between classification systems.

RESPONDENT CONFIDENTIALITY

In keeping with the provisions of Title 7 of the United States Code, no data are published that would disclose the operations of an individual farm. However, the number of farms reporting an item is not considered a release of confidential information and is provided even though other information may be withheld.

SPECIAL EFFORTS FOR MINORITIES AND AMERICAN INDIANS

To improve coverage of minority farm operators, NASS mailed out over 3,000 letters and postcards to farmers and ranchers asking if they knew any farm operators in their area who might be missed or were missed in previous agricultural censuses. In addition, NASS State offices contacted and visited local farm organizations, especially those representing women and minority farm operators. Postcards were provided for their members to complete and mail in, so they would be included in the 1997 Census of Agriculture.

In previous censuses, the census counted one farm operator for each American Indian reservation. For the 1997 census, the goal was to establish an accurate count of the number of American Indian farm operators. Along with the census report form, an additional form was delivered to each reservation asking for the number of American Indians who operated a farm or ranch on the reservation.

SPECIAL STUDIES AND CUSTOM TABULATIONS

Special studies, such as the 1998 Farm and Ranch Irrigation Survey and the 1998 Census of Horticultural Specialties, are part of the census program. These special studies are for reference year 1998.

Custom-designed tabulations can be developed to individual user specifications on a cost-reimbursable basis. Inquiries about special tabulations should be directed to the Director, Census Division, National Agricultural Statistics Service, Room 436 Iverson Mall, 3737 Branch Avenue, Temple Hills, MD 20748-1405; by phone on 1-800-523-3215; or by e-mail at nass@nass.usda.gov.

DATA PRODUCTS

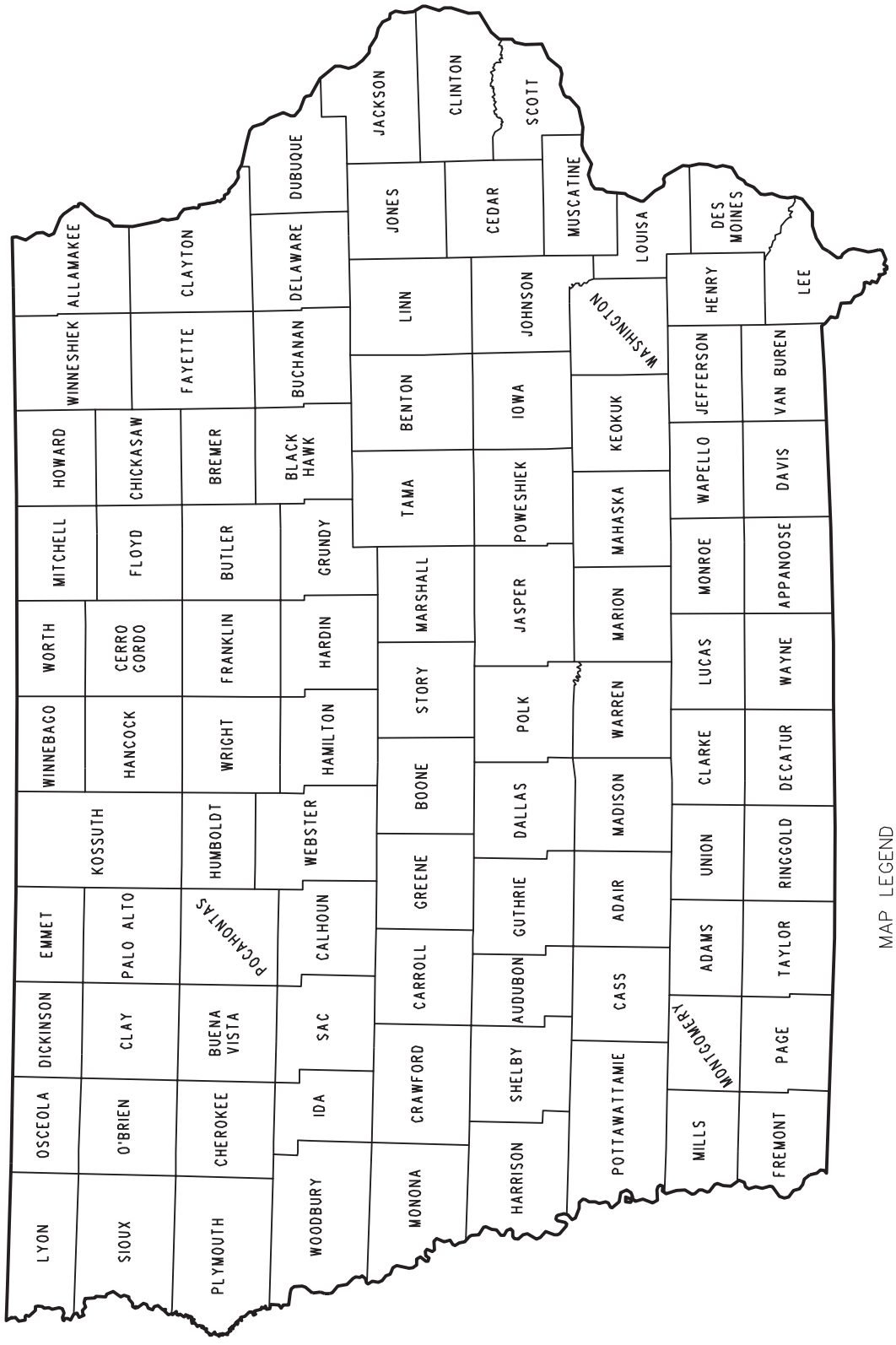
The 1997 Census of Agriculture is available on three different media: 1) printed reports, 2) CD-ROM, and 3) the Internet. The NASS home page is located at www.usda.gov/nass/.

ABBREVIATIONS AND SYMBOLS

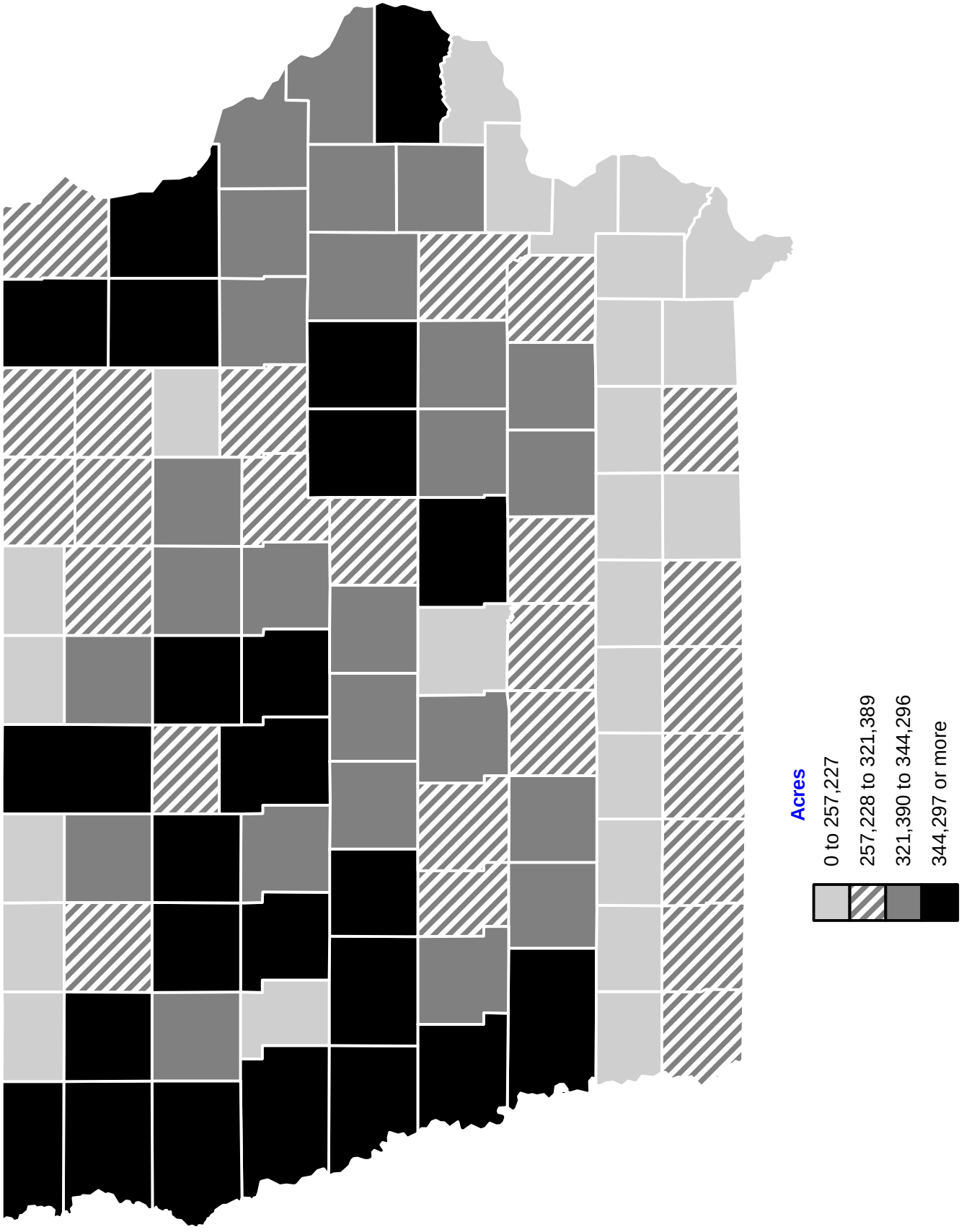
The following abbreviations and symbols are used throughout the tables:

-	Represents zero.
(D)	Withheld to avoid disclosing data for individual farms.

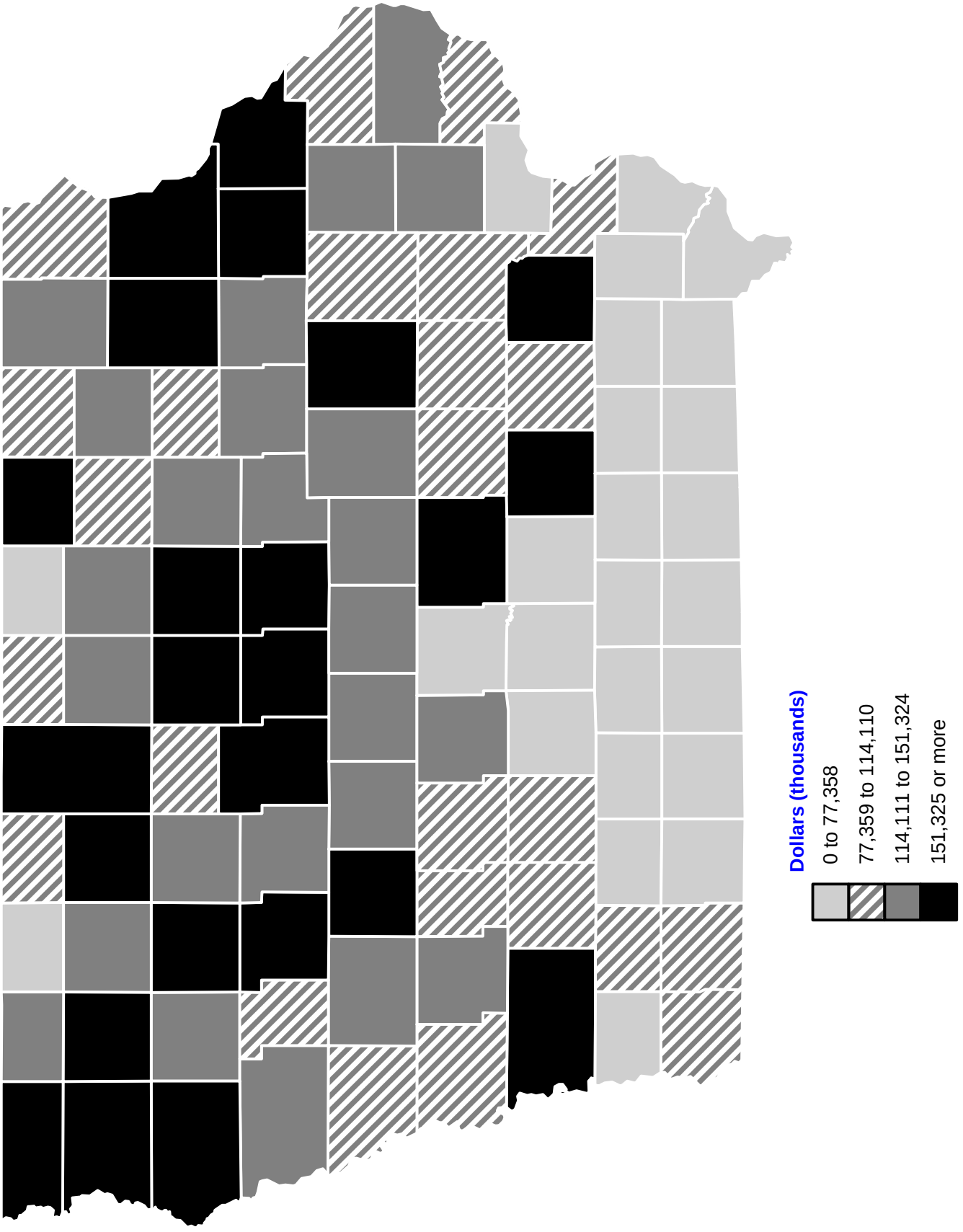
(H)	Standard error or relative standard error of estimate is greater than or equal to 99.95 percent.
(IC)	Independent city.
(L)	Standard error or relative standard error of estimate is less than .05 percent.
(NA)	Not available.
(X)	Not applicable.
(Z)	Less than half of the unit shown.
cwt	Hundredweight.
sq ft	Square feet.


LYON
OSCEOLA
DICKINSON
EMMET
KOSSUTH
WINNEBAGO
WORTH
MITCHELL
HOWARD
WINNESHIEK
ALLAMAKEE
SIOUX
O'BRIEN
CLAY
PALO ALTO
HANCOCK
CERRO GORDO
FLOYD
CHICKASAW
FAYETTE
CLAYTON
PLYMOUTH
CHEROKEE
BUENA VISTA
POCAHONTAS
HUMBOLDT
WRIGHT
FRANKLIN
BUTLER
BREMER
BUCHANAN
DELAWARE
DUBUQUE
WOODBURY
IDA
SAC
CALHOUN
WEBSTER
HAMILTON
HARDIN
GRUNDY
BLACK HAWK
JACKSON
MONONA
CRAWFORD
CARROLL
GREENE
BOONE
STORY
MARSHALL
TAMA
BENTON
LINN
JONES
CLINTON
HARRISON
SHELBY
AUDUBON
GUTHRIE
DALLAS
POLK
JASPER
POWESHIEK
IOWA
JOHNSON
SCOTT
POTTAWATTAMIE
CASS
ADAIR
MADISON
WARREN
MARION
MAHASKA
KEOKUK
WASHINGTON
LOUISA
MUSCATINE
MILLS
MONTGOMERY
ADAMS
UNION
CLARKE
LUCAS
MONROE
WAPELLO
JEFFERSON
HENRY
DES MOINES
FREMONT
PAGE
TAYLOR
RINGGOLD
DECATUR
WAYNE
APPANOOSE
DAVIS
VAN BUREN
LEE
MAP LEGEND
State
ERIE
County
Note: All boundaries and names are as of January 1, 1997.

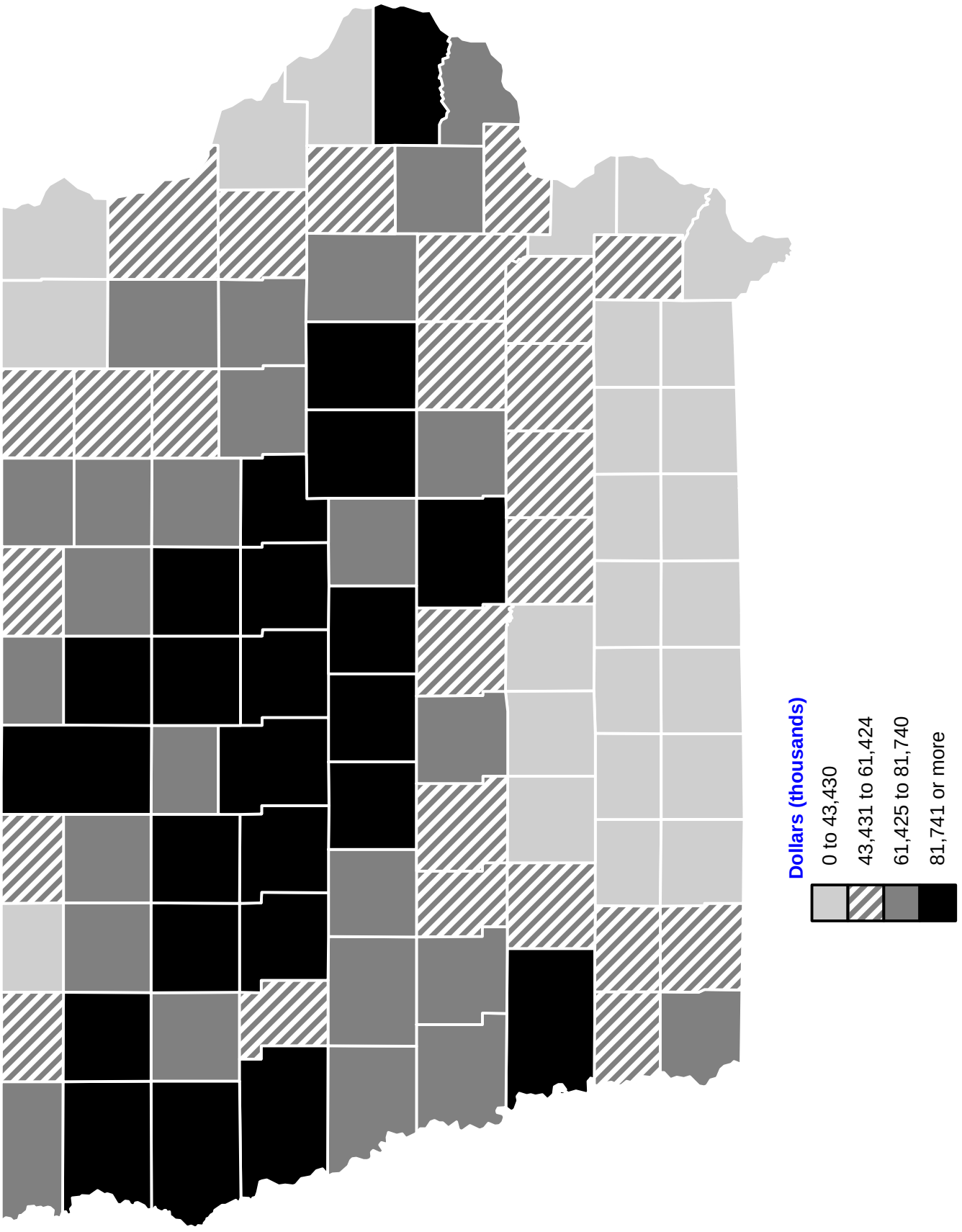
Map 1. Land in Farms by County: 1997



Map 2. Market Value of Agricultural Products Sold by County: 1997



Map 3. Value of Crops Sold by County: 1997



Map 4. Farm Operators Reporting Principal Occupation as Farming by County: 1997

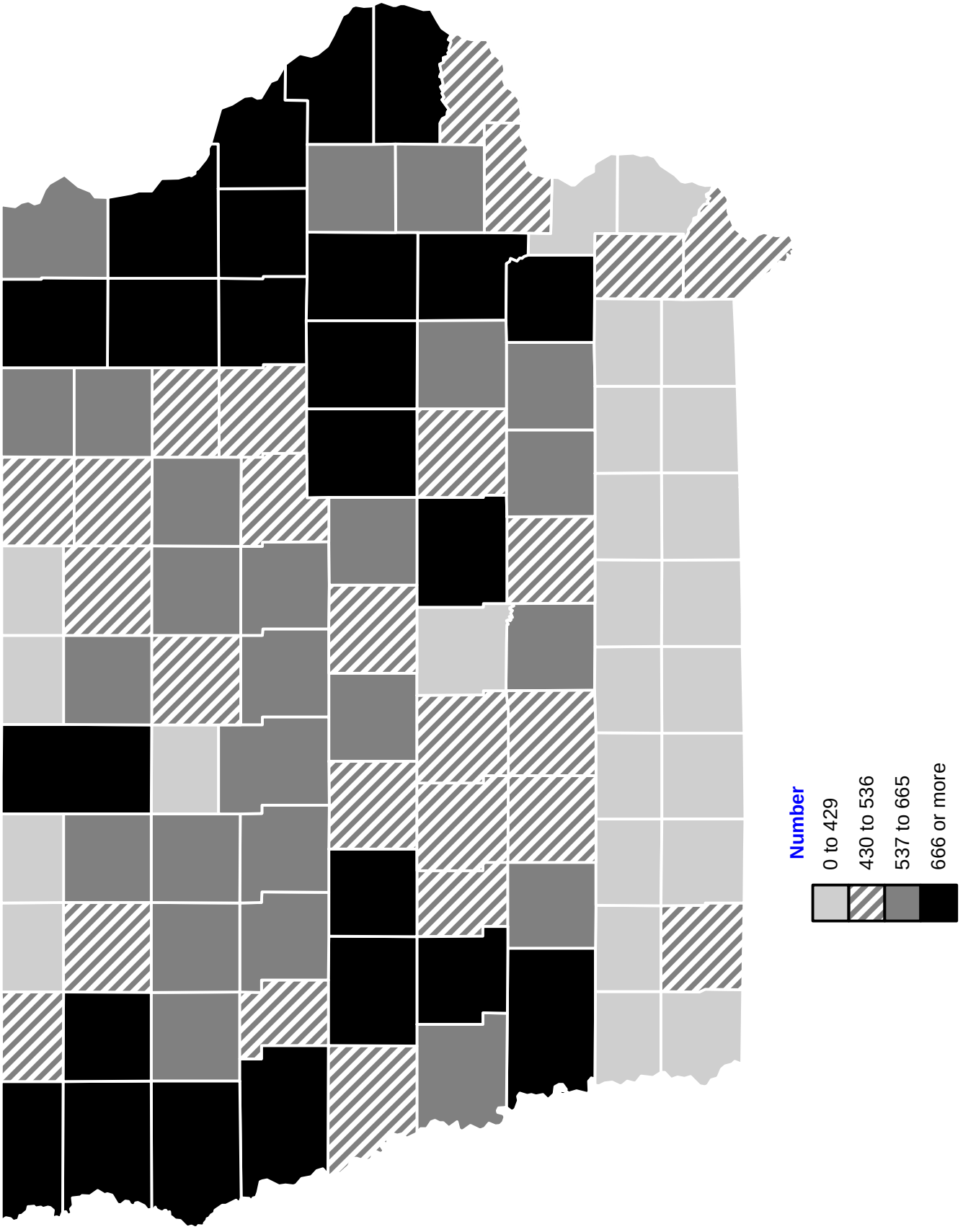


Figure 1. **Profile of the State's Agriculture: 1997**

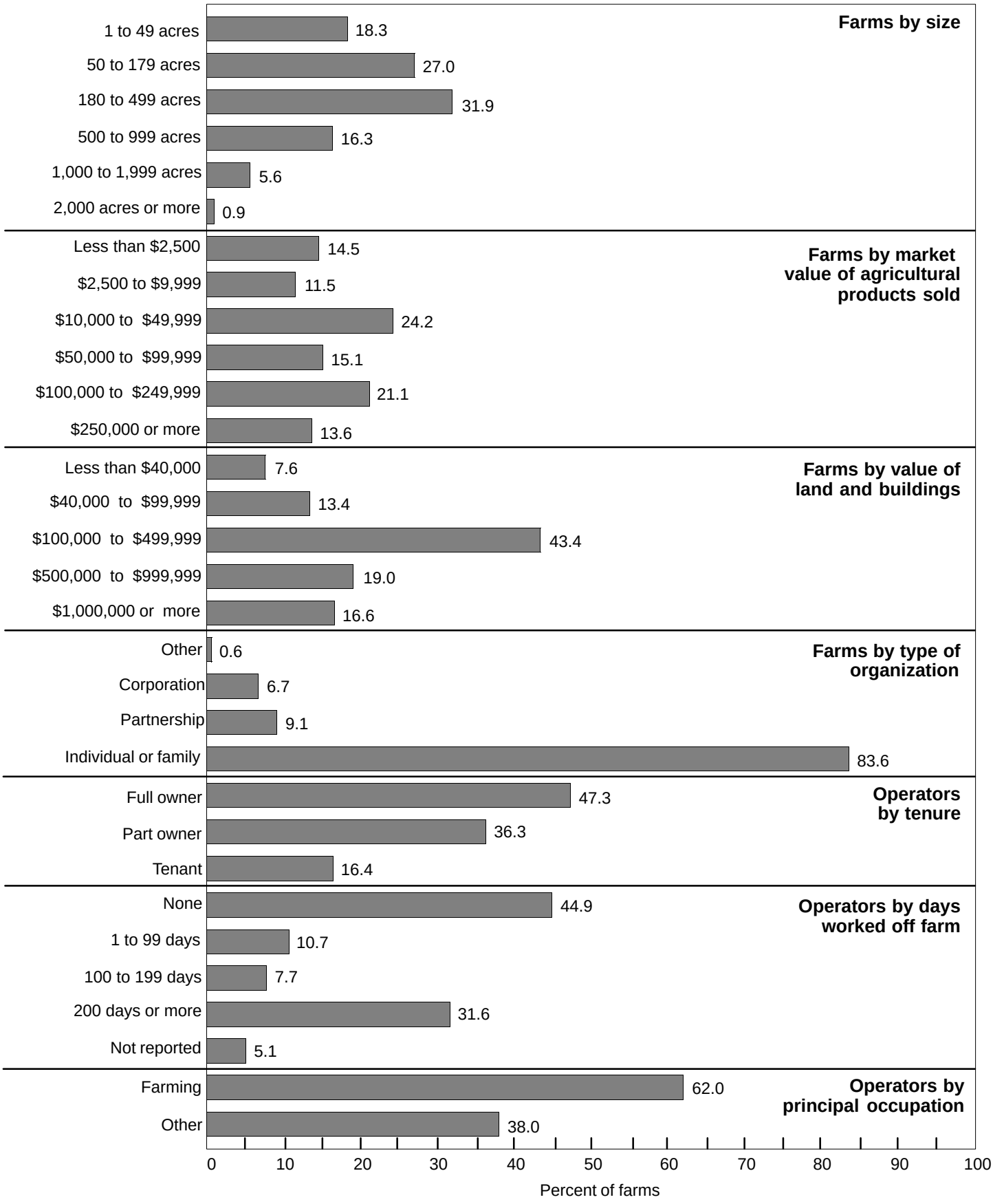


Figure 2. **Percent of Farms and of Market Value of Agricultural Products Sold: 1997**

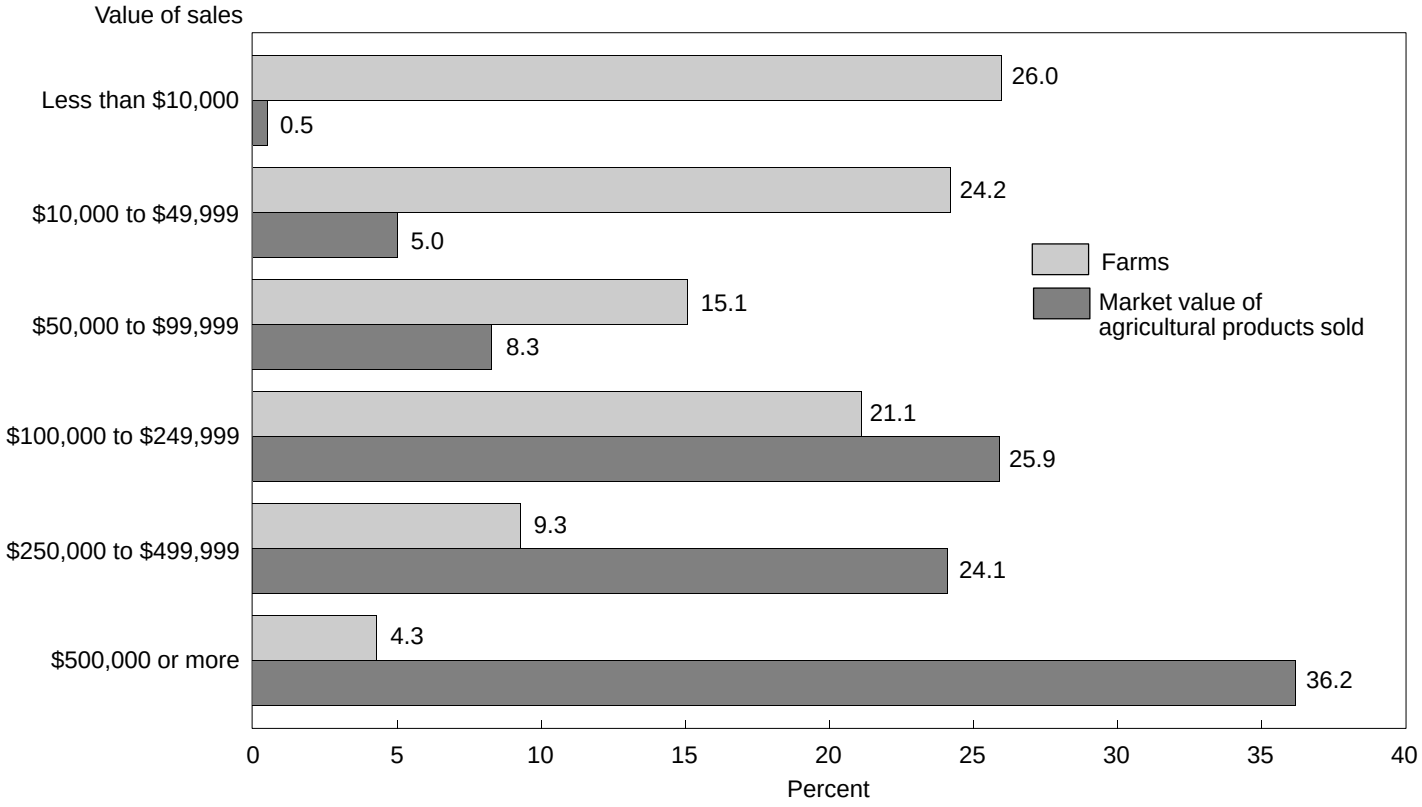


Figure 3. **Farms by Market Value of Agricultural Products Sold: 1969 to 1997**

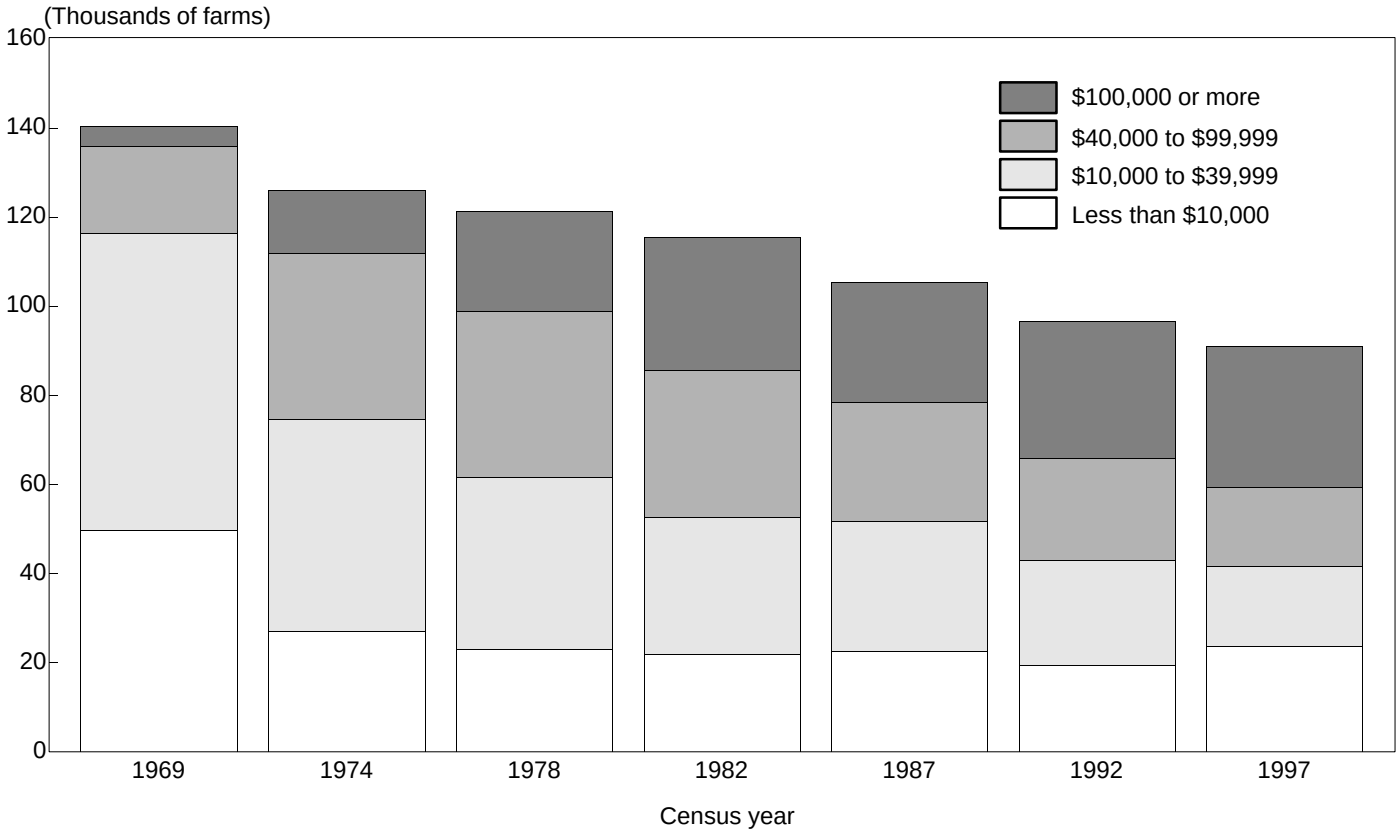


Figure 4. **Land Use: 1997**

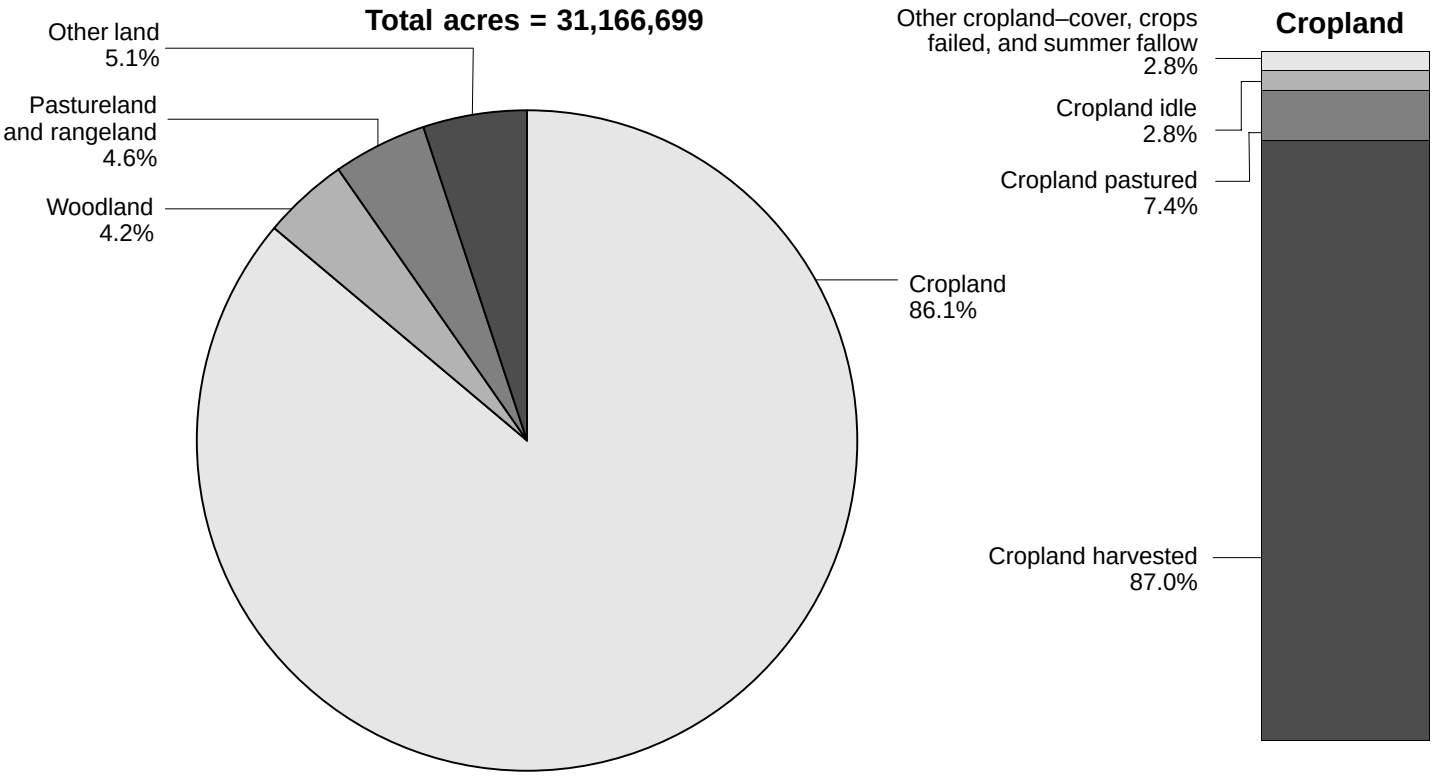


Figure 5. **Selected Crops Harvested: 1997**

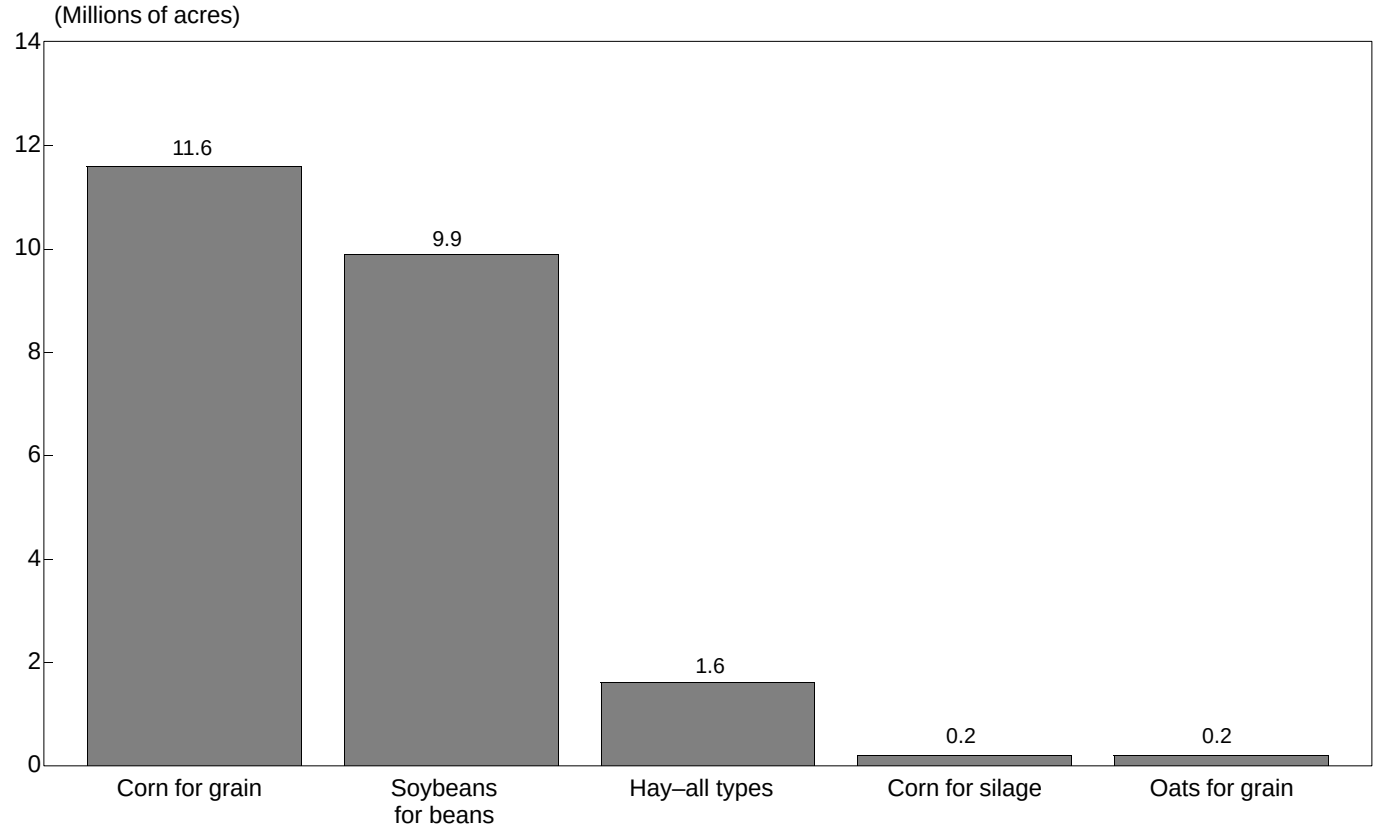


Figure 6. **Value of Livestock, Poultry, and Their Products Sold: 1997**

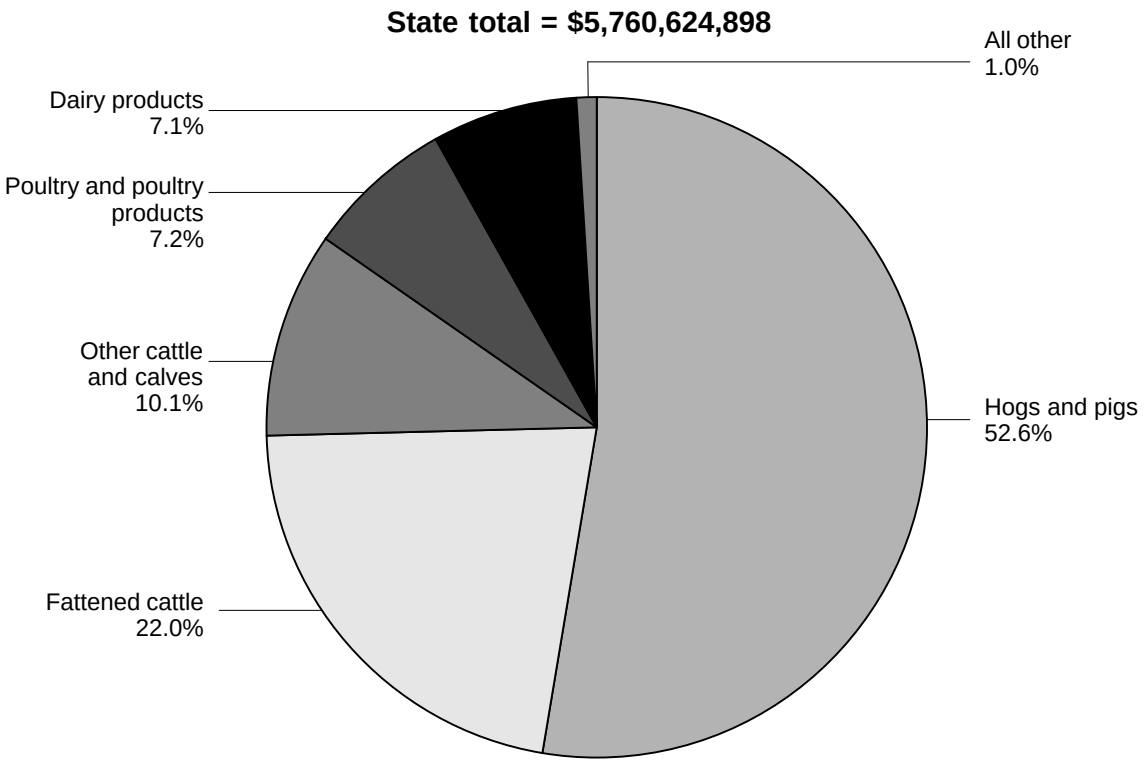


Figure 7. **Production Expenses: 1997**

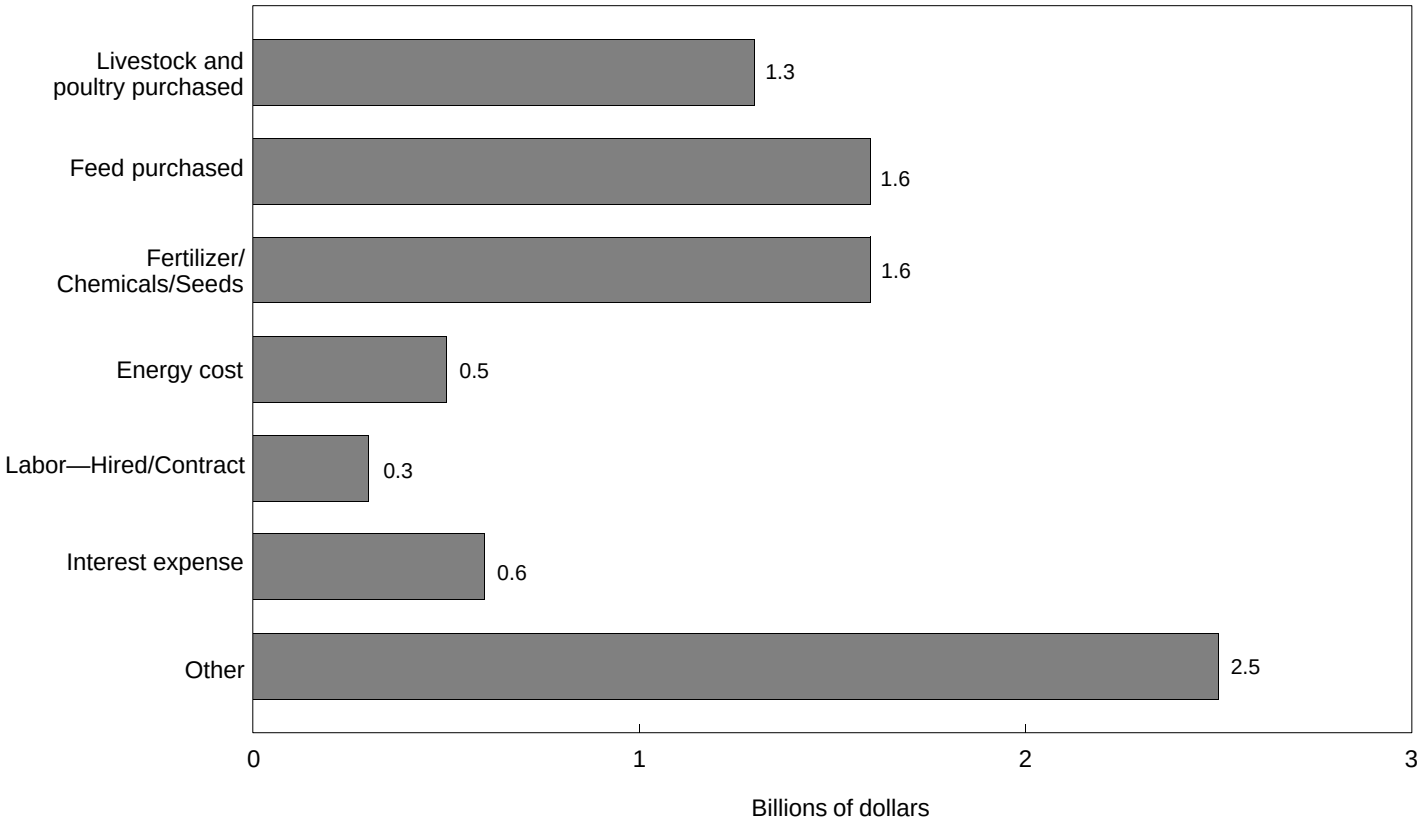


Table 1. **Historical Highlights: 1997 and Earlier Census Years**

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

All farms	1997	1992	1987	1982	1978	1974	1969	1964
Farms ..... number	90 792	96 543	105 180	115 413	121 339	126 104	140 354	154 162
Land in farms ..... acres	31 166 699	31 346 565	31 638 130	32 611 964	33 258 233	33 044 768	33 569 629	33 758 321
Average size of farm ..... acres	343	325	301	283	274	262	239	219
Estimated market value of land and buildings[1]:								
Average per farm ..... dollars	566 587	394 267	283 597	471 011	427 161	188 370	93 694	59 553
Average per acre ..... dollars	1 697	1 212	947	1 684	1 548	719	392	272
Estimated market value of all machinery and equipment[1] . $1,000	7 318 851	6 647 461	5 543 375	6 731 271	5 774 996	3 527 520	1 683 466	(NA)
Average per farm ..... dollars	80 651	68 967	52 844	58 398	47 666	28 968	12 290	(NA)
Farms by size:								
1 to 9 acres	5 049	7 129	7 974	7 910	6 610	5 051	5 637	4 324
10 to 49 acres	11 580	10 345	10 981	12 322	11 342	9 841	9 586	11 156
50 to 179 acres	24 525	24 518	27 556	30 959	34 898	40 146	48 256	58 301
180 to 499 acres	28 918	33 988	39 071	46 259	51 974	56 692	65 998	72 790
500 to 999 acres	14 833	15 830	15 874	14 858	14 109	12 578	9 865	6 999
1,000 to 1,999 acres	5 114	4 241	3 401	2 796	2 152	1 646	928	532
2,000 acres or more	773	492	323	309	254	150	84	60
Total cropland ..... farms	83 375	88 224	96 749	106 859	114 391	120 559	134 143	148 055
acres	26 821 844	27 195 676	27 290 868	27 580 749	28 063 990	27 278 052	27 738 852	26 356 116
Harvested cropland ..... farms	74 951	84 009	92 878	103 644	111 379	116 863	128 791	143 701
acres	23 323 249	22 826 308	20 484 178	24 137 670	23 622 212	23 085 329	19 286 658	19 951 672
Irrigated land ..... farms	957	1 063	851	616	739	348	269	291
acres	124 983	115 724	92 247	91 427	100 770	39 417	20 664	21 528
Market value of agricultural products sold[2] $1,000	11 947 894	10 099 786	8 926 799	9 828 932	8 172 960	6 319 637	3 655 512	2 596 544
Average per farm ..... dollars	131 596	104 614	84 872	85 163	67 356	50 114	26 044	16 843
Crops, including nursery and greenhouse crops ... $1,000	6 187 269	4 641 155	3 660 117	4 143 086	3 133 218	2 800 973	886 284	733 378
Livestock, poultry, and their products $1,000	5 760 625	5 458 631	5 266 682	5 685 846	5 039 742	3 517 658	2 768 051	1 861 768
Farms by value of sales[3]:								
Less than $2,500	13 191	7 636	8 799	8 092	6 721	9 608	17 322	20 654
$2,500 to $4,999	4 577	4 753	5 498	5 535	6 234	6 399	11 756	15 390
$5,000 to $9,999	5 878	7 030	8 252	8 230	9 901	11 002	20 543	31 546
$10,000 to $24,999	10 507	13 820	17 436	17 531	21 822			
$25,000 to $49,999	11 448	14 852	17 752	20 458	25 887	84 747	86 346	85 065
$50,000 to $99,999	13 735	17 570	20 656	25 735	28 293			
$100,000 to $499,999	27 523	28 595	25 157	28 128	21 419	13 822	4 193	1 445
$500,000 or more	3 933	2 287	1 630	1 660	986	451	132	
Farms by type of organization:								
Individual or family (sole proprietorship)	75 880	81 127	89 188	97 610	103 884	(NA)	(NA)	(NA)
Partnership	8 231	10 028	11 088	13 213	14 345	(NA)	(NA)	(NA)
Corporation	6 128	4 924	4 404	4 110	2 668	(NA)	(NA)	(NA)
Other—cooperative, estate or trust, institutional, etc.	553	464	500	480	442	(NA)	(NA)	(NA)
Operators by days worked off farm[4]:								
None	40 767	47 557	51 753	55 958	62 890	56 414	(NA)	(NA)
Any	45 408	42 672	46 229	48 480	51 057	38 253	59 074	53 238
200 days or more	28 673	25 568	25 928	25 240	25 073	20 278	24 906	19 192
Operators by principal occupation[4]:								
Farming	56 256	66 885	75 279	86 041	92 309	102 163	(NA)	(NA)
Other	34 536	29 658	29 901	29 372	29 030	22 512	(NA)	(NA)
Average age of operator[4] ..... years	52.4	50.3	49.3	47.6	47.5	49.3	48.5	48.5
Total farm production expenses[1] $1,000	8 405 838	7 744 947	6 647 645	(NA)	(NA)	4 276 217	2 790 717	(NA)
Selected farm production expenses[1]:								
Livestock and poultry purchased $1,000	1 260 448	1 490 792	1 358 161	1 536 601	1 519 139	1 018 548	888 254	526 204
Feed for livestock and poultry $1,000	1 585 107	1 317 636	1 101 866	1 214 715	1 033 523	881 383	593 256	443 782
Commercial fertilizer[5] $1,000	636 785	578 142	467 355	562 767	481 090	394 865	146 486	88 365
Petroleum products $1,000	350 799	379 607	315 061	536 937	293 963	204 875	121 911	106 960
Hired farm labor $1,000	316 779	259 210	282 515	222 146	192 667	108 412	79 039	57 626
Interest[6] $1,000	600 284	593 994	579 338	101 556	(NA)	(NA)	(NA)	(NA)
Agricultural chemicals[5] ... $1,000	521 566	424 136	309 894	331 924	208 549	139 620	56 611	(NA)
Livestock and poultry:								
Cattle and calves inventory ..... farms	38 435	43 610	49 469	62 412	69 226	79 851	96 738	124 407
number	3 647 129	3 963 602	4 303 682	5 822 488	6 531 710	6 658 298	7 020 754	7 284 905
Beef cows ..... farms	27 452	29 987	32 279	41 117	44 755	52 930	(NA)	65 042
number	1 029 172	1 065 744	1 123 745	1 536 397	1 606 685	1 868 308	1 548 103	1 247 101
Milk cows ..... farms	4 208	5 878	7 748	10 485	12 623	18 213	30 005	59 673
number	222 142	258 925	294 888	339 664	339 469	399 573	476 944	735 647
Cattle and calves sold ..... farms	38 548	43 780	50 509	62 765	70 693	81 011	99 981	123 505
number	2 881 122	3 223 645	3 539 020	4 595 676	5 457 944	5 018 819	5 954 623	5 142 522
Hogs and pigs inventory ... farms	17 243	31 790	36 670	45 768	57 325	59 582	83 251	106 184
number	14 651 919	14 153 158	12 983 074	14 332 644	14 695 418	11 476 589	13 438 546	13 674 088
Hogs and pigs sold ..... farms	18 370	34 058	38 638	49 012	60 065	66 336	88 196	108 909
number	27 495 818	26 812 736	23 483 812	23 801 117	22 082 311	19 359 946	20 826 437	19 872 227
Layers and pullets 13 weeks old and older inventory (see text)[7] ..... farms	1 892	2 633	4 897	7 637	10 050	16 038	29 984	73 804
number	24 876 834	12 560 235	9 580 666	9 584 663	9 343 813	9 816 088	11 154 735	19 503 609
Broilers and other meat-type chickens sold ..... farms	519	652	1 060	1 041	1 142	1 337	775	106
number	6 852 810	9 199 943	666 016	429 389	675 938	658 267	474 699	1 906 367

See footnotes at end of table.

Table 1. **Historical Highlights: 1997 and Earlier Census Years**—Con.

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

All farms	1997	1992	1987	1982	1978	1974	1969	1964
Selected crops harvested:								
Corn for grain or seed ..... farms..	61 860	72 756	83 301	92 462	100 984	106 135	116 162	133 918
acres..	11 595 308	12 512 815	10 147 051	12 880 050	12 664 796	11 865 605	9 480 821	9 612 937
bushels..	1 537 482 128	1 754 149 889	1 274 388 346	1 466 953 043	1 389 912 254	930 743 547	912 535 502	734 502 692
Oats for grain ..... farms..	10 823	17 854	25 398	35 752	39 710	(NA)	(NA)	87 530
acres..	211 985	368 086	544 907	811 716	866 584	(NA)	(NA)	2 233 231
bushels..	14 293 977	23 246 559	30 918 660	45 769 302	49 306 381	(NA)	(NA)	107 339 285
Soybeans for beans ..... farms..	56 436	59 945	68 278	73 175	78 579	82 952	80 892	88 639
acres..	9 944 865	8 243 067	7 903 395	8 044 305	7 420 862	6 905 647	5 175 289	4 173 021
bushels..	445 574 589	352 590 997	326 081 351	291 189 890	265 870 687	190 916 604	165 975 386	116 215 629
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms..	37 711	44 768	48 271	56 372	64 657	72 217	84 168	(NA)
acres..	1 575 777	1 762 425	1 968 207	2 035 033	2 285 255	2 259 243	2 269 783	3 201 635
tons, dry..	4 365 999	5 107 237	5 612 944	6 201 756	6 728 686	5 896 261	6 166 678	7 643 516

[1]Data are based on a sample of farms.
[2]Data for 1974 and prior years include the value of forest products sold.
[3]Data for 1982 and prior years exclude abnormal farms.
[4]Data for 1974 apply only to individual or family operations (sole proprietorship) and partnerships.
[5]Data for 1964 to 1982 do not include cost of custom applications; data for agricultural chemicals include the cost of lime for 1969 to 1978.
[6]Data for 1982 do not include imputation for item nonresponse.
[7]Data for 1969 to 1992 are for chickens 3 months old or older inventory; data for 1964 are for chickens 4 months old or older.

Table 2. Market Value of Agricultural Products Sold and Direct Sales: 1997, 1992, and 1987

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

Item		1997	Percent of total in 1997	1992	1987
Total sales (see text)	farms	90 792	100.0	96 543	105 180
	$1,000	11 947 894	100.0	10 099 786	8 926 799
Average per farm	dollars	131 596	(X)	104 614	84 872
Value of sales:					
Less than $1,000 (see text)	farms	9 230	10.2	3 463	3 782
	$1,000	906	(Z)	989	1 254
$1,000 to $2,499	farms	3 961	4.4	4 173	5 017
	$1,000	6 671	.1	7 047	8 372
$2,500 to $4,999	farms	4 577	5.0	4 753	5 498
	$1,000	16 650	.1	17 385	20 091
$5,000 to $9,999	farms	5 878	6.5	7 030	8 252
	$1,000	42 406	.4	51 291	60 139
$10,000 to $19,999	farms	7 383	8.1	9 888	12 427
	$1,000	107 420	.9	145 328	182 050
$20,000 to $24,999	farms	3 124	3.4	3 932	5 009
	$1,000	69 801	.6	87 705	112 042
$25,000 to $39,999	farms	7 366	8.1	9 750	11 756
	$1,000	236 214	2.0	312 715	375 819
$40,000 to $49,999	farms	4 082	4.5	5 102	5 996
	$1,000	182 826	1.5	227 831	267 940
$50,000 to $99,999	farms	13 735	15.1	17 570	20 656
	$1,000	994 678	8.3	1 272 811	1 493 083
$100,000 to $249,999	farms	19 119	21.1	21 903	20 200
	$1,000	3 089 575	25.9	3 443 180	3 103 103
$250,000 to $499,999	farms	8 404	9.3	6 692	4 957
	$1,000	2 875 675	24.1	2 257 459	1 659 468
$500,000 to $999,999	farms	2 858	3.1	1 734	1 220
	$1,000	1 908 157	16.0	1 140 283	803 090
$1,000,000 or more	farms	1 075	1.2	553	410
	$1,000	2 416 915	20.2	1 135 761	840 349
$1,000,000 to $2,499,999	farms	888	1.0	458	(NA)
	$1,000	1 268 418	10.6	657 495	(NA)
$2,500,000 to $4,999,999	farms	120	.1	64	(NA)
	$1,000	411 726	3.4	214 481	(NA)
$5,000,000 or more	farms	67	.1	31	(NA)
	$1,000	736 771	6.2	263 784	(NA)
Sales by commodity or commodity group:					
Crops, including nursery and greenhouse crops	farms	68 415	75.4	75 351	83 940
	$1,000	6 187 269	51.8	4 641 155	3 660 117
Grains	farms	64 058	70.6	71 187	81 042
	$1,000	6 011 171	50.3	4 489 827	3 563 323
Corn for grain	farms	56 466	62.2	63 885	72 356
	$1,000	3 225 141	27.0	2 687 476	1 961 527
Wheat	farms	699	.8	913	1 188
	$1,000	2 936	(Z)	3 322	2 726
Soybeans	farms	56 373	62.1	59 854	68 166
	$1,000	2 765 812	23.1	1 780 675	1 573 168
Sorghum for grain	farms	32	(Z)	57	57
	$1,000	121	(Z)	424	477
Barley	farms	76	.1	80	81
	$1,000	178	(Z)	135	116
Oats	farms	5 638	6.2	8 437	11 842
	$1,000	11 024	.1	13 396	19 604
Other grains	farms	287	.3	399	677
	$1,000	5 960	(Z)	4 399	5 705
Cotton and cottonseed	farms	–	–	–	–
	$1,000	–	–	–	–
Tobacco	farms	–	–	–	–
	$1,000	–	–	–	–
Hay, silage, and field seeds	farms	14 636	16.1	16 431	12 947
	$1,000	88 970	.7	78 959	46 480
Vegetables, sweet corn, and melons	farms	776	.9	905	596
	$1,000	8 568	.1	9 509	7 541
Fruits, nuts, and berries	farms	323	.4	346	371
	$1,000	3 627	(Z)	3 499	2 853
Nursery and greenhouse crops	farms	819	.9	518	357
	$1,000	73 208	.6	57 854	38 241
Other crops	farms	115	.1	108	99
	$1,000	1 725	(Z)	1 508	1 678
Livestock, poultry, and their products	farms	51 843	57.1	64 668	72 438
	$1,000	5 760 625	48.2	5 458 631	5 266 682
Poultry and poultry products	farms	1 598	1.8	2 056	3 643
	$1,000	414 429	3.5	244 160	192 229
Dairy products	farms	3 958	4.4	5 544	7 048
	$1,000	408 694	3.4	421 556	392 284
Cattle and calves	farms	38 548	42.5	43 780	50 509
	$1,000	1 850 796	15.5	2 235 422	2 124 641
Hogs and pigs	farms	18 370	20.2	34 058	38 638
	$1,000	3 029 972	25.4	2 502 048	2 494 231
Sheep, lambs, and wool	farms	4 598	5.1	7 141	8 922
	$1,000	30 214	.3	38 861	46 157
Other livestock and livestock products (see text)	farms	3 023	3.3	2 992	3 417
	$1,000	26 520	.2	16 584	17 139
Value of agricultural products sold directly to individuals for human consumption (see text)[1]	farms	2 174	2.4	2 235	(NA)
	$1,000	7 475	.1	5 382	(NA)
Average per farm	dollars	3 438	(X)	2 408	(NA)
Value of sales:					
$1 to $499	farms	750	.8	894	(NA)
	$1,000	152	(Z)	174	(NA)
$500 to $999	farms	401	.4	378	(NA)
	$1,000	278	(Z)	260	(NA)
$1,000 to $4,999	farms	742	.8	730	(NA)
	$1,000	1 632	(Z)	1 554	(NA)

See footnotes at end of table.

Table 2. **Market Value of Agricultural Products Sold and Direct Sales: 1997, 1992, and 1987**—Con.

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

Item	1997	Percent of total in 1997	1992	1987
Total sales (see text)—Con.				
Value of agricultural products sold directly to individuals for human consumption (see text)[1]—Con.				
Value of sales—Con.				
$5,000 to $9,999 ..... farms..	150	.2	136	(NA)
$1,000..	998	(Z)	918	(NA)
$10,000 to $24,999 ..... farms..	78	.1	73	(NA)
$1,000..	1 232	(Z)	1 065	(NA)
$25,000 to $49,999 ..... farms..	27	(Z)	11	(NA)
$1,000..	891	(Z)	323	(NA)
$50,000 or more ..... farms..	26	(Z)	13	(NA)
$1,000..	2 293	(Z)	1 088	(NA)

[1]Data for 1987 were not collected.

Table 3. **Farm Production Expenses: 1997, 1992, and 1987**

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

Item	1997		1992	1987
	Farms	Expenses ($1,000)		
Total farm production expenses ..... farms..	90 786	(X)	96 532	105 184
$1,000..	(X)	8 405 838	7 744 947	6 647 645
Average per farm ..... dollars..	(X)	92 590	80 232	63 200
Farms with expenses of—				
$1 to $4,999	13 386	34 402	9 947	13 106
$5,000 to $9,999	9 879	71 820	9 841	11 651
$10,000 to $24,999	15 089	250 577	18 500	23 067
$25,000 to $49,999	13 766	499 716	17 446	20 133
$50,000 to $99,999	16 154	1 175 385	18 818	19 895
$100,000 to $249,999	16 713	2 440 921	16 857	13 677
$250,000 to $499,999	3 454	1 227 442	3 645	2 626
$500,000 or more	2 345	2 705 576	1 478	1 029
$500,000 to $999,999	1 674	1 121 714	1 059	(NA)
$1,000,000 to $2,499,999	538	767 964	336	(NA)
$2,500,000 or more	133	815 898	83	(NA)
Livestock and poultry purchased ..... farms..	30 572	(X)	41 068	46 066
$1,000..	(X)	1 260 448	1 490 792	1 358 161
percent of total..	(X)	15.0	19.2	20.4
Farms with expenses of—				
$1 to $999	3 759	1 713	4 911	7 278
$1,000 to $4,999	9 620	24 145	11 860	13 617
$5,000 to $9,999	4 468	31 393	6 215	6 821
$10,000 to $24,999	5 021	80 322	7 816	8 111
$25,000 to $49,999	3 174	113 296	4 639	4 755
$50,000 to $99,999	2 159	146 112	2 952	3 056
$100,000 to $249,999	1 322	206 416	1 703	1 662
$250,000 or more	1 049	657 052	972	766
$250,000 to $499,999	671	228 140	576	(NA)
$500,000 to $999,999	249	168 572	268	(NA)
$1,000,000 or more	129	260 340	128	(NA)
Feed for livestock and poultry ..... farms..	46 733	(X)	58 661	64 752
$1,000..	(X)	1 585 107	1 317 636	1 101 866
percent of total..	(X)	18.9	17.0	16.6
Farms with expenses of—				
$1 to $999	9 083	4 261	9 623	13 383
$1,000 to $4,999	14 181	33 711	16 755	17 986
$5,000 to $9,999	5 893	40 874	7 790	9 414
$10,000 to $24,999	7 029	111 989	11 423	12 662
$25,000 to $49,999	4 901	169 490	7 041	6 792
$50,000 to $99,999	2 878	195 390	3 946	3 054
$100,000 or more	2 768	1 029 393	2 083	1 461
$100,000 to $249,999	1 809	277 308	1 553	(NA)
$250,000 to $499,999	603	201 463	356	(NA)
$500,000 to $999,999	222	150 127	124	(NA)
$1,000,000 or more	134	400 494	50	(NA)
Commercially mixed formula feeds ..... farms..	27 617	(X)	27 260	33 282
$1,000..	(X)	854 175	540 402	475 104
percent of total..	(X)	10.2	7.0	7.1
Farms with expenses of—				
$1 to $999	6 664	3 013	5 789	7 666
$1,000 to $4,999	8 259	19 395	7 386	9 968
$5,000 to $9,999	3 467	23 577	3 703	5 228
$10,000 to $24,999	4 437	69 431	5 443	6 124
$25,000 to $49,999	2 300	77 878	2 812	2 646
$50,000 to $79,999	949	58 668	1 121	899
$80,000 or more	1 541	602 212	1 006	751
$80,000 to $99,999	311	27 412	263	(NA)
$100,000 to $249,999	798	120 247	518	(NA)
$250,000 to $499,999	228	78 046	145	(NA)
$500,000 or more	204	376 506	80	(NA)

Table 3. **Farm Production Expenses: 1997, 1992, and 1987**—Con.

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

Item	1997		1992	1987
	Farms	Expenses ($1,000)		
Total farm production expenses—Con.				
Seeds, bulbs, plants, and trees ..... farms..	68 732	(X)	78 194	88 807
$1,000..	(X)	488 961	386 488	308 197
percent of total..	(X)	5.8	5.0	4.6
Farms with expenses of—				
$1 to $499	6 918	1 586	8 355	11 809
$500 to $999	5 310	3 822	7 526	11 265
$1,000 to $4,999	24 804	66 223	35 140	45 976
$5,000 to $9,999	15 633	109 680	16 624	14 205
$10,000 to $24,999	13 165	193 133	9 482	5 221
$25,000 or more	2 902	114 517	1 067	331
$25,000 to $49,999	2 462	80 461	937	(NA)
$50,000 or more	440	34 057	130	(NA)
Commercial fertilizer ..... farms..	65 626	(X)	74 421	83 067
$1,000..	(X)	636 785	578 142	467 355
percent of total..	(X)	7.6	7.5	7.0
Farms with expenses of—				
$1 to $499	5 215	1 314	5 384	7 864
$500 to $999	3 634	2 594	4 672	7 710
$1,000 to $4,999	20 796	55 988	27 701	36 355
$5,000 to $9,999	14 312	101 506	17 357	17 366
$10,000 to $24,999	16 073	245 355	15 467	11 734
$25,000 to $49,999	4 432	146 851	3 175	1 788
$50,000 to $99,999	1 033	65 627	604	226
$100,000 or more	131	17 551	61	24
Agricultural chemicals ..... farms..	64 489	(X)	77 540	86 631
$1,000..	(X)	521 566	424 136	309 894
percent of total..	(X)	6.2	5.5	4.7
Farms with expenses of—				
$1 to $499	8 332	1 866	11 958	14 862
$500 to $999	5 022	3 579	7 046	10 698
$1,000 to $4,999	20 385	53 443	30 415	41 003
$5,000 to $9,999	12 957	91 925	15 007	13 023
$10,000 to $24,999	13 838	208 224	11 163	6 467
$25,000 to $49,999	3 191	105 683	1 717	514
$50,000 or more	764	56 846	234	64
$50,000 to $99,999	667	42 862	211	(NA)
$100,000 or more	97	13 984	23	(NA)
Petroleum products ..... farms..	84 456	(X)	92 977	100 939
$1,000..	(X)	350 799	379 607	315 061
percent of total..	(X)	4.2	4.9	4.7
Farms with expenses of—				
$1 to $999	26 609	11 149	26 817	30 271
$1,000 to $4,999	35 140	90 486	40 333	51 175
$5,000 to $9,999	14 830	102 203	17 145	14 925
$10,000 to $24,999	6 708	96 669	7 818	4 244
$25,000 to $49,999	966	31 671	764	274
$50,000 or more	203	18 621	100	50
Electricity ..... farms..	73 232	(X)	81 860	90 255
$1,000..	(X)	127 679	133 955	126 591
percent of total..	(X)	1.5	1.7	1.9
Farms with expenses of—				
$1 to $499	20 708	5 073	21 125	26 149
$500 to $999	16 095	11 058	18 536	21 769
$1,000 to $4,999	32 280	66 490	38 160	39 358
$5,000 to $9,999	3 036	19 759	3 133	2 390
$10,000 to $24,999	893	12 639	795	506
$25,000 or more	220	12 661	111	83
$25,000 to $49,999	151	4 954	87	(NA)
$50,000 or more	69	7 707	24	(NA)
Hired farm labor ..... farms..	33 016	(X)	36 520	49 121
$1,000..	(X)	316 779	259 210	282 515
percent of total..	(X)	3.8	3.3	4.2
Farms with expenses of—				
$1 to $999	14 522	5 357	18 257	25 916
$1,000 to $4,999	9 064	21 495	9 227	11 684
$5,000 to $9,999	3 408	23 249	2 963	3 971
$10,000 to $24,999	3 281	51 324	3 607	4 909
$25,000 to $49,999	1 566	52 406	1 527	1 725
$50,000 to $99,999	749	50 706	665	718
$100,000 or more	426	112 241	274	198
$100,000 to $249,999	328	47 530	228	(NA)
$250,000 to $499,999	66	22 111	33	(NA)
$500,000 or more	32	42 600	13	(NA)
Contract labor ..... farms..	6 152	(X)	7 275	8 078
$1,000..	(X)	24 905	19 833	21 032
percent of total..	(X)	.3	.3	.3
Farms with expenses of—				
$1 to $999	2 512	1 128	3 261	3 846
$1,000 to $4,999	2 713	6 086	3 129	3 123
$5,000 to $9,999	479	3 305	477	732
$10,000 to $24,999	333	4 779	321	300
$25,000 to $49,999	63	2 148	61	57
$50,000 or more	52	7 460	26	20
$50,000 to $99,999	31	2 161	14	(NA)
$100,000 or more	21	5 299	12	(NA)

Table 3. **Farm Production Expenses: 1997, 1992, and 1987**—Con.

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

Item	1997		1992	1987
	Farms	Expenses ($1,000)		
Total farm production expenses—Con.				
Repair and maintenance ..... farms..	78 128	(X)	86 413	91 920
$1,000..	(X)	504 525	485 479	407 270
percent of total..	(X)	6.0	6.3	6.1
Farms with expenses of—				
$1 to $999	15 201	6 953	16 967	21 385
$1,000 to $4,999	30 945	77 713	35 988	41 862
$5,000 to $9,999	15 537	105 065	18 104	18 471
$10,000 to $24,999	13 592	195 810	13 363	9 131
$25,000 to $49,999	2 300	73 905	1 717	905
$50,000 or more	553	45 080	274	166
$50,000 to $99,999	464	29 316	224	(NA)
$100,000 or more	89	15 764	50	(NA)
Customwork, machine hire, and rental of machinery and equipment ..... farms..	43 788	(X)	48 890	57 354
$1,000..	(X)	168 101	141 975	133 395
percent of total..	(X)	2.0	1.8	2.0
Farms with expenses of—				
$1 to $999	15 486	6 841	19 196	25 122
$1,000 to $4,999	19 166	44 305	22 226	25 700
$5,000 to $9,999	5 487	37 683	4 764	4 494
$10,000 to $24,999	2 984	42 871	2 252	1 744
$25,000 to $49,999	468	15 628	384	244
$50,000 or more	197	20 772	68	50
Interest ..... farms..	55 257	(X)	61 909	67 262
$1,000..	(X)	600 284	593 994	579 338
percent of total..	(X)	7.1	7.7	8.7
Farms with expenses of—				
$1 to $999	8 306	3 693	9 581	14 128
$1,000 to $4,999	18 013	48 768	21 026	23 365
$5,000 to $9,999	11 085	78 028	11 955	12 044
$10,000 to $24,999	11 953	183 157	13 705	12 398
$25,000 to $49,999	4 380	146 087	4 410	3 983
$50,000 to $99,999	1 251	82 066	1 056	1 138
$100,000 or more	269	58 485	176	206
Interest paid on debt:				
Secured by real estate ..... farms..	36 993	(X)	41 104	44 371
$1,000..	(X)	347 061	357 920	390 226
percent of total..	(X)	4.1	4.6	5.9
Farms with expenses of—				
$1 to $999	4 105	1 972	4 384	(NA)
$1,000 to $4,999	13 186	36 012	15 167	(NA)
$5,000 to $9,999	8 657	60 367	9 385	(NA)
$10,000 to $24,999	8 257	123 521	9 442	(NA)
$25,000 to $49,999	2 216	72 473	2 247	(NA)
$50,000 to $99,999	485	31 372	419	(NA)
$100,000 or more	87	21 343	60	(NA)
Not secured by real estate ..... farms..	36 242	(X)	41 501	41 208
$1,000..	(X)	253 223	236 074	189 113
percent of total..	(X)	3.0	3.0	2.8
Farms with expenses of—				
$1 to $999	8 257	3 621	10 453	(NA)
$1,000 to $4,999	14 030	35 419	16 697	(NA)
$5,000 to $9,999	6 948	47 205	7 356	(NA)
$10,000 to $24,999	5 272	77 405	5 573	(NA)
$25,000 to $49,999	1 249	41 906	1 147	(NA)
$50,000 to $99,999	392	25 420	234	(NA)
$100,000 or more	94	22 246	41	(NA)
Cash rent ..... farms..	36 892	(X)	38 795	41 375
$1,000..	(X)	866 955	677 490	492 800
percent of total..	(X)	10.3	8.7	7.4
Farms with expenses of—				
$1 to $499	2 022	498	2 090	2 836
$500 to $999	1 456	1 019	1 706	2 680
$1,000 to $4,999	6 304	16 967	7 486	10 319
$5,000 to $9,999	5 578	40 319	6 922	8 684
$10,000 to $24,999	10 588	173 299	11 875	11 593
$25,000 to $49,999	6 815	238 741	5 962	4 132
$50,000 or more	4 129	396 114	2 754	1 131
Property taxes paid ..... farms..	79 236	(X)	81 786	87 431
$1,000..	(X)	242 120	240 832	230 810
percent of total..	(X)	2.9	3.1	3.5
Farms with expenses of—				
$1 to $499	10 578	2 675	12 114	15 288
$500 to $999	11 809	8 576	10 901	13 025
$1,000 to $4,999	43 018	105 021	44 978	46 893
$5,000 to $9,999	10 244	68 925	10 519	9 596
$10,000 to $24,999	3 273	45 432	3 077	2 474
$25,000 or more	314	11 490	197	155
All other farm production expenses ..... farms..	85 922	(X)	93 438	101 919
$1,000..	(X)	710 824	615 377	513 358
percent of total..	(X)	8.5	7.9	7.7
Farms with expenses of—				
$1 to $999	20 853	9 341	22 510	28 681
$1,000 to $4,999	32 308	78 767	38 356	44 910
$5,000 to $9,999	14 137	96 184	15 798	15 605
$10,000 to $24,999	13 240	197 179	12 579	9 839
$25,000 to $49,999	3 592	117 632	2 987	2 166
$50,000 to $99,999	1 297	86 322	885	526
$100,000 or more	495	125 399	323	192
$100,000 to $249,999	397	56 023	270	(NA)
$250,000 or more	98	69 376	53	(NA)

Table 4. **Net Cash Return From Agricultural Sales: 1997 and 1992**

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

Item	1997			1992		
	All farms	Farms with sales of $10,000 or more	Farms with sales of less than $10,000	All farms	Farms with sales of $10,000 or more	Farms with sales of less than $10,000
Net cash return from agricultural sales for the farm unit (see text) ..... farms	90 786	67 253	23 533	96 541	77 122	19 419
$1,000	2 969 179	3 040 631	–71 452	2 193 209	2 238 129	–44 920
Average per farm ..... dollars	32 705	45 212	–3 036	22 718	29 021	–2 313
Farms with net gains[1] ..... number	60 033	54 873	5 160	66 215	60 315	5 900
$1,000	3 256 653	3 246 731	9 922	2 477 696	2 465 172	12 524
Average per farm ..... dollars	54 248	59 168	1 923	37 419	40 872	2 123
Gain of—						
Less than $1,000	2 958	1 053	1 905	3 408	1 480	1 928
$1,000 to $4,999	7 958	5 029	2 929	10 248	6 738	3 510
$5,000 to $9,999	6 397	6 071	326	8 354	7 892	462
$10,000 to $24,999	12 253	12 253	–	15 364	15 364	–
$25,000 to $49,999	11 702	11 702	–	12 961	12 961	–
$50,000 or more	18 765	18 765	–	15 880	15 880	–
Farms with net losses ..... number	30 753	12 380	18 373	30 326	16 807	13 519
$1,000	287 473	206 099	81 374	284 487	227 043	57 444
Average per farm ..... dollars	9 348	16 648	4 429	9 381	13 509	4 249
Loss of—						
Less than $1,000	4 252	991	3 261	4 323	1 476	2 847
$1,000 to $4,999	12 657	3 225	9 432	11 102	4 465	6 637
$5,000 to $9,999	6 719	2 718	4 001	6 452	3 701	2 751
$10,000 to $24,999	5 014	3 446	1 568	5 827	4 622	1 205
$25,000 to $49,999	1 550	1 464	86	2 102	2 023	79
$50,000 or more	561	536	25	520	520	–

[1]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 5. **Government Payments and Other Farm-Related Income: 1997 and 1992**

[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	1997	67 795	536 924	54 471	471 002
	1992	61 681	477 958	55 191	445 575
Average per farm[1]	1997	(X)	7 920	(X)	8 647
	1992	(X)	7 749	(X)	8 073
1997 farms with receipts of—					
$1 to $999		7 308	3 487	4 293	2 304
$1,000 to $4,999		26 298	72 000	20 536	57 250
$5,000 to $9,999		16 311	116 089	13 606	97 011
$10,000 to $24,999		14 437	218 736	12 816	195 273
$25,000 to $49,999		3 133	102 660	2 923	95 924
$50,000 or more		308	23 953	297	23 240
Amount from Conservation Reserve and Wetlands Reserve Programs	1997	24 129	127 771	14 422	70 970
	1992	15 236	92 030	11 120	66 614
Average per farm[1]	1997	(X)	5 295	(X)	4 921
	1992	(X)	6 040	(X)	5 990
Other farm-related income, gross before taxes and expenses[2]	1997	39 905	260 021	33 271	214 817
	1992	34 193	194 941	29 722	175 079
Average per farm[1]	1997	(X)	6 516	(X)	6 457
	1992	(X)	5 701	(X)	5 891
1997 farms with receipts of—					
$1 to $999		15 504	5 354	12 958	4 608
$1,000 to $4,999		12 641	30 311	10 678	25 294
$5,000 to $9,999		4 774	33 340	3 901	27 155
$10,000 to $24,999		4 749	74 459	3 873	60 768
$25,000 to $49,999		1 456	48 052	1 198	39 678
$50,000 or more		781	68 504	663	57 313
Customwork and other agricultural services	1997	10 656	86 843	10 015	85 214
	1992	13 093	85 141	12 220	83 279
Average per farm[1]	1997	(X)	8 150	(X)	8 509
	1992	(X)	6 503	(X)	6 815
1997 farms with receipts of—					
$1 to $999		2 172	1 050	1 906	953
$1,000 to $4,999		4 301	10 444	4 041	9 928
$5,000 to $9,999		1 887	12 859	1 800	12 241
$10,000 to $24,999		1 592	24 061	1 564	23 663
$25,000 to $49,999		434	14 417	434	14 417
$50,000 or more		270	24 012	270	24 012
Rental of farmland	1997	11 241	134 239	6 980	92 803
	1992	9 853	86 052	7 012	68 960
Average per farm[1]	1997	(X)	11 942	(X)	13 296
	1992	(X)	8 734	(X)	9 835
1997 farms with receipts of—					
$1 to $999		1 728	901	937	471
$1,000 to $4,999		3 613	9 319	2 031	5 069
$5,000 to $9,999		2 018	14 320	1 270	9 027
$10,000 to $24,999		2 567	40 668	1 794	28 464
$25,000 or more		1 315	69 031	948	49 772
Sales of forest products, excluding Christmas trees and maple products[3]	1997	774	4 037	473	2 774
	1992	630	2 644	430	2 195
Average per farm[1]	1997	(X)	5 215	(X)	5 865
	1992	(X)	4 197	(X)	5 106
1997 farms with receipts of—					
$1 to $999		231	106	111	54
$1,000 to $4,999		273	680	178	470
$5,000 to $9,999		115	771	76	522
$10,000 to $24,999		151	2 270	104	1 518
$25,000 or more		4	210	4	210
Other farm-related income sources	1997	28 494	34 902	25 827	34 026
	1992	18 831	21 104	17 570	20 644
Average per farm[1]	1997	(X)	1 225	(X)	1 317
	1992	(X)	1 121	(X)	1 175
1997 farms with receipts of—					
$1 to $999		19 095	5 819	16 560	5 457
$1,000 to $4,999		8 023	16 957	7 922	16 710
$5,000 to $9,999		1 039	6 785	1 015	6 612
$10,000 to $24,999		301	4 208	294	4 114
$25,000 or more		36	1 133	36	1 133

[1]Data are in whole dollars.
[2]Data are based on a sample of farms.
[3]Data for 1992 include Christmas trees and maple products.

Table 6. **Commodity Credit Corporation Loans: 1997 and 1992**

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

CCC loans	1997		1992	
	Farms	Value ($1,000)	Farms	Value ($1,000)
Total	**12 999**	**508 209**	**17 632**	**574 092**
Average per farm[1]	(X)	39 096	(X)	32 560
Farms with loans of—				
$1 to $999	519	262	438	235
$1,000 to $4,999	1 782	5 005	2 198	6 410
$5,000 to $9,999	1 641	11 791	2 462	17 985
$10,000 to $19,999	2 333	33 792	3 679	53 225
$20,000 to $24,999	780	17 249	1 314	29 058
$25,000 to $49,999	2 699	96 201	3 992	141 293
$50,000 or more	3 245	343 907	3 549	325 885
Corn	11 532	313 831	16 242	420 735
Average per farm[1]	(X)	27 214	(X)	25 904
Farms with loans of—				
$1 to $999	514	270	434	237
$1,000 to $9,999	3 598	17 826	4 957	26 158
$10,000 to $24,999	3 273	53 299	5 080	82 568
$25,000 or more	4 147	242 436	5 771	311 772
Wheat	14	17	15	43
Average per farm[1]	(X)	1 247	(X)	2 898
Farms with loans of—				
$1 to $999	8	3	5	3
$1,000 to $9,999	6	14	10	40
$10,000 to $24,999	–	–	–	–
$25,000 or more	–	–	–	–
Soybeans	6 070	194 281	6 581	152 185
Average per farm[1]	(X)	32 007	(X)	23 125
Farms with loans of—				
$1 to $999	162	46	102	33
$1,000 to $9,999	1 014	5 998	1 680	10 283
$10,000 to $24,999	2 044	34 056	2 657	43 444
$25,000 or more	2 850	154 181	2 142	98 425
Sorghum, barley, and oats	92	79	204	154
Average per farm[1]	(X)	855	(X)	757
Farms with loans of—				
$1 to $999	70	12	174	(D)
$1,000 to $9,999	22	67	28	72
$10,000 to $24,999	–	–	1	(D)
$25,000 or more	–	–	1	(D)
Cotton	–	–	–	–
Average per farm[1]	(X)	–	(X)	–
Farms with loans of—				
$1 to $999	–	–	–	–
$1,000 to $9,999	–	–	–	–
$10,000 to $24,999	–	–	–	–
$25,000 or more	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed	–	–	–	–
Average per farm[1]	(X)	–	(X)	–
Farms with loans of—				
$1 to $999	–	–	–	–
$1,000 to $9,999	–	–	–	–
$10,000 to $24,999	–	–	–	–
$25,000 or more	–	–	–	–
Peanuts, rice, and tobacco[2]	–	–	34	974
Average per farm[1]	(X)	–	(X)	28 651
Farms with loans of—				
$1 to $999	–	–	2	(D)
$1,000 to $9,999	–	–	17	(D)
$10,000 to $24,999	–	–	5	92
$25,000 or more	–	–	10	808

[1]Data are in whole dollars.
[2]Data for 1992 include CCC loans for rye and honey.

Table 7. **Land Use: 1997, 1992, and 1987**

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

All farms		1997	Percent of total in 1997	1992	1987
Farms	number	90 792	100.0	96 543	105 180
Land in farms	acres	31 166 699	100.0	31 346 565	31 638 130
Total cropland	farms	83 375	91.8	88 224	96 749
	acres	26 821 844	86.1	27 195 676	27 290 868
Harvested cropland	farms	74 951	82.6	84 009	92 878
	acres	23 323 249	74.8	22 826 308	20 484 178
Farms by acres harvested:					
1 to 49 acres		15 222	16.8	16 200	17 548
1 to 9 acres		4 587	5.1	4 623	4 624
10 to 19 acres		3 768	4.2	3 894	4 100
20 to 29 acres		2 604	2.9	2 817	3 360
30 to 49 acres		4 263	4.7	4 866	5 464
50 to 99 acres		8 807	9.7	10 614	13 956
100 to 199 acres		14 539	16.0	17 867	23 454
200 to 499 acres		21 216	23.4	25 995	29 005
500 to 999 acres		11 290	12.4	10 736	7 723
1,000 acres or more		3 877	4.3	2 597	1 192
1,000 to 1,999 acres		3 429	3.8	2 375	1 114
2,000 acres or more		448	.5	222	78
Cropland used only for pasture or grazing	farms	28 797	31.7	33 040	36 766
	acres	2 001 198	6.4	2 193 779	2 283 547
Other cropland	farms	24 270	26.7	48 671	63 889
	acres	1 497 397	4.8	2 175 589	4 523 143
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	12 494	13.8	19 413	27 088
	acres	672 119	2.2	841 807	1 670 711
Cropland on which all crops failed	farms	1 188	1.3	1 825	1 640
	acres	41 542	.1	46 655	45 013
Cropland in cultivated summer fallow	farms	665	.7	1 240	844
	acres	32 353	.1	65 100	45 160
Cropland idle	farms	12 221	13.5	33 447	42 114
	acres	751 383	2.4	1 222 027	2 762 259
Total woodland	farms	22 516	24.8	22 930	24 782
	acres	1 315 257	4.2	1 259 154	1 316 448
Woodland pastured	farms	11 335	12.5	12 513	14 393
	acres	633 367	2.0	700 518	774 976
Woodland not pastured	farms	15 072	16.6	14 364	14 477
	acres	681 890	2.2	558 636	541 472
Pastureland and rangeland other than cropland and woodland pastured	farms	18 756	20.7	20 629	22 415
	acres	1 440 627	4.6	1 463 351	1 452 248
Land in house lots, ponds, roads, wasteland, etc.	farms	61 890	68.2	67 829	79 586
	acres	1 588 971	5.1	1 428 384	1 578 566
Land under Conservation Reserve or Wetlands Reserve Programs[1]	farms	24 137	(X)	17 703	8 050
	acres	1 707 901	(X)	1 294 635	697 896

[1]Data for 1987 are for Conservation Reserve Program only.

Table 8. **Land in Farms, Harvested Cropland, and Irrigated Land, by Size of Farm: 1997 and 1992**

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

All farms	Farms		Land in farms (acres)		Harvested cropland (acres)		Irrigated land (acres)	
	1997	1992	1997	1992	1997	1992	1997	1992
Land in farms	90 792	96 543	31 166 699	31 346 565	23 323 249	22 826 308	124 983	115 724
Farms by size:								
1 to 9 acres	5 049	7 129	20 555	23 915	5 064	4 927	230	245
10 to 49 acres	11 580	10 345	305 198	267 348	115 812	117 201	897	1 076
50 to 69 acres	3 183	2 780	186 237	162 329	72 319	81 315	410	244
70 to 99 acres	6 718	6 228	547 358	505 893	265 728	302 584	460	1 315
100 to 139 acres	6 517	6 677	762 391	782 888	397 441	466 445	1 101	1 032
140 to 179 acres	8 107	8 833	1 278 230	1 394 907	793 781	941 478	2 990	2 611
180 to 219 acres	5 265	5 708	1 040 454	1 128 208	645 279	741 217	2 707	1 738
220 to 259 acres	5 093	6 112	1 210 670	1 451 881	806 561	987 033	1 865	1 828
260 to 499 acres	18 560	22 168	6 767 595	8 083 381	4 947 871	5 866 210	14 046	17 440
500 to 999 acres	14 833	15 830	10 213 853	10 770 679	8 117 097	8 180 365	35 545	32 326
1,000 to 1,999 acres	5 114	4 241	6 636 778	5 418 105	5 426 441	4 175 392	41 848	41 595
2,000 acres or more	773	492	2 197 380	1 357 031	1 729 855	962 141	22 884	14 274
5,000 acres or more	36	22	285 628	164 546	203 873	92 479	2 752	(D)
Farms with harvested cropland	74 951	84 009	29 770 309	30 616 452	23 323 249	22 826 308	124 173	115 625
Farms by size:								
1 to 9 acres	1 380	1 463	7 705	7 707	5 064	4 927	230	244
10 to 49 acres	7 094	6 931	190 903	188 912	115 812	117 201	876	1 007
50 to 69 acres	2 044	2 273	119 809	132 898	72 319	81 315	407	244
70 to 99 acres	4 876	5 585	397 108	453 497	265 728	302 584	457	1 290
100 to 139 acres	5 109	6 059	599 045	711 128	397 441	466 445	1 076	1 032
140 to 179 acres	6 940	8 353	1 095 689	1 319 660	793 781	941 478	2 667	2 609
180 to 219 acres	4 639	5 414	917 235	1 070 418	645 279	741 217	2 628	1 738
220 to 259 acres	4 663	5 865	1 108 756	1 393 335	806 561	987 033	1 865	1 826
260 to 499 acres	17 734	21 642	6 482 563	7 901 677	4 947 871	5 866 210	14 040	17 440
500 to 999 acres	14 619	15 713	10 072 692	10 694 008	8 117 097	8 180 365	35 545	32 326
1,000 to 1,999 acres	5 084	4 222	6 599 524	5 393 479	5 426 441	4 175 392	41 848	41 595
2,000 acres or more	769	489	2 179 280	1 349 733	1 729 855	962 141	22 534	14 274
5,000 acres or more	35	22	275 528	164 546	203 873	92 479	(D)	(D)
Farms with irrigated land	957	1 063	514 265	476 154	424 603	387 050	124 983	115 724
Farms by size:								
1 to 9 acres	145	179	542	571	319	300	230	245
10 to 49 acres	145	165	3 341	3 874	1 533	1 980	897	1 076
50 to 69 acres	28	16	1 609	917	656	506	410	244
70 to 99 acres	24	47	1 975	3 998	961	2 474	460	1 315
100 to 139 acres	48	37	5 519	4 331	2 881	2 390	1 101	1 032
140 to 179 acres	41	54	6 519	8 607	4 705	5 901	2 990	2 611
180 to 219 acres	39	39	7 777	7 609	5 384	4 341	2 707	1 738
220 to 259 acres	19	32	4 379	7 532	3 224	4 613	1 865	1 828
260 to 499 acres	116	159	44 063	60 368	37 657	45 914	14 046	17 440
500 to 999 acres	181	188	129 074	129 082	111 405	107 773	35 545	32 326
1,000 to 1,999 acres	128	116	180 236	159 794	154 559	136 304	41 848	41 595
2,000 acres or more	43	31	129 231	89 471	101 319	74 554	22 884	14 274
5,000 acres or more	4	2	27 355	(D)	14 180	(D)	2 752	(D)

Table 9. **Irrigation: 1997, 1992, and 1987**

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

Farms with irrigation	1997	1992	1987	Farms with irrigation	1997	1992	1987
Farms ..... number	957	1 063	851	Irrigated land—Con.			
Proportion of farms ..... percent	1.1	1.1	.8	Acres irrigated—Con.			
				200 to 499 acres ..... farms	137	140	116
				acres	43 426	43 502	35 519
Irrigated land ..... acres	124 983	115 724	92 247	500 to 999 acres ..... farms	47	40	20
Average per farm ..... acres	131	109	108	acres	31 823	26 794	12 164
				1,000 acres or more ..... farms	13	9	7
				acres	16 434	12 987	10 144
Acres irrigated:				Irrigated land use:			
1 to 9 acres ..... farms	386	455	303	Harvested cropland ..... farms	930	1 034	825
acres	913	1 033	785	acres	123 084	114 911	91 598
10 to 49 acres ..... farms	111	163	123	Pastureland and other land ..... farms	35	48	37
acres	2 797	3 991	3 273	acres	1 899	813	649
50 to 99 acres ..... farms	110	117	119				
acres	8 222	8 150	8 179	Land in irrigated farms ..... acres	514 265	476 154	385 109
100 to 199 acres ..... farms	153	139	163	Cropland ..... acres	457 046	432 333	352 668
acres	21 368	19 267	22 183	Harvested cropland ..... acres	424 603	387 050	278 236

Table 10. **Selected Characteristics of Irrigated and Nonirrigated Farms: 1997 and 1992**

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

Characteristics	All farms		Irrigated farms				Nonirrigated farms	
			Any land irrigated		All harvested cropland irrigated			
	1997	1992	1997	1992	1997	1992	1997	1992
Farms ..... number	90 792	96 543	957	1 063	267	312	89 835	95 480
Land in farms ..... acres	31 166 699	31 346 565	514 265	476 154	18 542	29 393	30 652 434	30 870 411
Estimated market value of land and buildings[1]:								
Average per farm ..... dollars	566 587	394 267	980 665	553 828	303 351	210 645	562 604	392 646
Average per acre ..... dollars	1 697	1 212	1 731	1 209	4 402	2 275	1 696	1 212
Irrigated land ..... acres	124 983	115 724	124 983	115 724	12 665	19 567	(X)	(X)
Land in farms according to use:								
Total cropland ..... farms	83 375	88 224	955	1 063	267	312	82 420	87 161
acres	26 821 844	27 195 676	457 046	432 333	15 134	25 422	26 364 798	26 763 343
Harvested cropland ..... farms	74 951	84 009	942	1 055	267	312	74 009	82 954
acres	23 323 249	22 826 308	424 603	387 050	12 653	19 384	22 898 646	22 439 258
Pastureland, excluding woodland pastured ..... farms	42 088	47 331	262	317	39	43	41 826	47 014
acres	3 441 825	3 657 130	41 371	27 312	1 613	2 128	3 400 454	3 629 818
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms	24 137	17 703	183	149	23	20	23 954	17 554
acres	1 707 901	1 294 635	13 168	13 773	634	1 932	1 694 733	1 280 862
Owned and rented land in farms:								
Owned land in farms ..... farms	75 898	78 261	821	901	232	272	75 077	77 360
acres	14 354 684	14 779 726	205 890	199 929	11 671	17 517	14 148 794	14 579 797
Rented or leased land in farms ..... farms	47 890	53 003	539	574	77	83	47 351	52 429
acres	16 812 015	16 566 839	308 375	276 225	6 871	11 876	16 503 640	16 290 614
Market value of agricultural products sold $1,000	11 947 894	10 099 786	245 115	205 087	43 465	41 082	11 702 779	9 894 699
Average per farm ..... dollars	131 596	104 614	256 128	192 932	162 791	131 674	130 270	103 631
Crops, including nursery and greenhouse crops ..... farms	68 415	75 351	920	998	253	291	67 495	74 353
$1,000	6 187 269	4 641 155	178 083	144 852	42 305	38 932	6 009 186	4 496 304
Livestock, poultry, and their products ..... farms	51 843	64 668	296	418	32	55	51 547	64 250
$1,000	5 760 625	5 458 631	67 032	60 235	1 160	2 151	5 693 593	5 398 396
Total farm production expenses[1] $1,000	8 405 838	7 744 947	159 772	148 835	25 816	32 134	8 246 066	7 596 112
Average per farm ..... dollars	92 590	80 232	184 707	153 280	111 759	96 499	91 703	79 482
Livestock and poultry purchased ..... farms	30 572	41 068	179	229	12	20	30 393	40 839
$1,000	1 260 448	1 490 792	17 756	23 285	(D)	673	1 242 692	1 467 507
Feed for livestock and poultry ..... farms	46 733	58 661	253	338	13	40	46 480	58 323
$1,000	1 585 107	1 317 636	16 140	10 995	25	522	1 568 967	1 306 641
Seeds, bulbs, plants, and trees ..... farms	68 732	78 194	814	848	213	245	67 918	77 346
$1,000	488 961	386 488	13 705	9 348	4 059	2 832	475 256	377 140
Commercial fertilizer ..... farms	65 626	74 421	803	897	204	291	64 823	73 524
$1,000	636 785	578 142	11 234	10 626	920	838	625 551	567 517
Agricultural chemicals ..... farms	64 489	77 540	733	879	196	281	63 756	76 661
$1,000	521 566	424 136	10 003	7 898	663	618	511 563	416 238
Petroleum products ..... farms	84 456	92 977	847	947	221	328	83 609	92 030
$1,000	350 799	379 607	8 250	7 740	2 136	1 925	342 549	371 867
Electricity ..... farms	73 232	81 860	750	866	176	273	72 482	80 994
$1,000	127 679	133 955	2 666	2 647	557	714	125 014	131 308
Hired farm labor ..... farms	33 016	36 520	537	507	150	160	32 479	36 013
$1,000	316 779	259 210	20 555	23 071	8 181	10 843	296 224	236 140
Contract labor ..... farms	6 152	7 275	140	198	25	58	6 012	7 077
$1,000	24 905	19 833	836	659	(D)	125	24 069	19 174
Repairs and maintenance ..... farms	78 128	86 413	811	886	218	282	77 317	85 527
$1,000	504 525	485 479	9 972	8 998	1 585	1 924	494 553	476 481
Customwork, machine hire, and rental of machinery and equipment ..... farms	43 788	48 890	380	436	50	84	43 408	48 454
$1,000	168 101	141 975	2 683	2 389	128	398	165 418	139 586
Interest ..... farms	55 257	61 909	563	667	111	200	54 694	61 242
$1,000	600 284	593 994	10 823	10 355	1 315	2 128	589 461	583 639
Cash rent ..... farms	36 892	38 795	347	355	45	70	36 545	38 440
$1,000	866 955	677 490	15 531	8 629	667	370	851 424	668 861
Property taxes paid ..... farms	79 236	81 786	747	838	205	278	78 489	80 948
$1,000	242 120	240 832	3 689	3 842	620	770	238 431	236 989
All other farm production expenses ..... farms	85 922	93 438	860	957	231	321	85 062	92 481
$1,000	710 824	615 377	15 929	18 353	4 711	7 455	694 895	597 024
Commodity Credit Corporation loans[2] ..... farms	12 999	17 632	140	199	5	12	12 859	17 433
$1,000	508 209	574 092	7 558	9 112	62	139	500 651	564 979
Government payments received ..... farms	67 795	61 681	593	580	69	52	67 202	61 101
$1,000	536 924	477 958	7 299	6 803	270	320	529 626	471 154
Other farm-related income[1] ..... farms	39 905	34 193	340	344	15	75	39 565	33 849
$1,000	260 021	194 941	4 297	1 740	240	359	255 723	193 201
Estimated market value of all machinery and equipment[1] ..... farms	90 747	96 386	865	971	231	333	89 882	95 415
$1,000	7 318 851	6 647 461	122 948	91 139	18 159	17 405	7 195 903	6 556 322
Average per farm ..... dollars	80 651	68 967	142 136	93 861	78 611	52 268	80 059	68 714
Livestock inventory:								
Cattle and calves ..... farms	38 435	43 610	190	279	15	36	38 245	43 331
number	3 647 129	3 963 602	36 925	38 865	426	2 581	3 610 204	3 924 737
Milk cows ..... farms	4 208	5 878	13	38	1	2	4 195	5 840
number	222 142	258 925	1 021	1 721	(D)	(D)	221 121	257 204
Hogs and pigs ..... farms	17 243	31 790	111	188	11	15	17 132	31 602
number	14 651 919	14 153 158	162 851	113 572	9 899	1 939	14 489 068	14 039 586
Sheep and lambs ..... farms	4 431	6 760	27	49	4	4	4 404	6 711
number	265 305	405 354	880	3 530	159	31	264 425	401 824

[1]Data are based on a sample of farms.
[2]Data for 1992 include CCC loans for rye and honey.

Table 11. **Value of Land and Buildings: 1997, 1992, and 1987**

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

Value of land and buildings	1997		1992	1987
	Farms	Value ($1,000)		
Estimated market value of land and buildings ..... farms	90 786	(X)	96 541	105 184
$1,000	(X)	51 438 152	38 062 933	29 829 901
Average per farm ..... dollars	(X)	566 587	394 267	283 597
Average per acre ..... dollars	(X)	1 697	1 212	947
Farms by value group:				
$1 to $39,999	6 863	140 110	9 968	13 227
$40,000 to $69,999	6 204	332 547	7 856	11 020
$70,000 to $99,999	5 997	495 484	6 920	9 152
$100,000 to $149,999	8 505	1 014 141	9 994	12 468
$150,000 to $199,999	6 673	1 128 552	8 028	9 769
$200,000 to $499,999	24 213	7 852 683	28 039	31 637
$500,000 to $999,999	17 252	12 258 818	16 936	14 045
$1,000,000 to $1,999,999	10 795	14 550 393	7 447	3 466
$2,000,000 to $4,999,999	3 899	10 828 019	1 294	380
$5,000,000 or more	385	2 837 404	59	20

Table 12. **Value of Machinery and Equipment on Place: 1997 and 1992**

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

Value of machinery and equipment	1997		1992	
	Farms	Value ($1,000)	Farms	Value ($1,000)
Estimated market value of all machinery and equipment	90 747	7 318 851	96 386	6 647 461
Average per farm[1]	(X)	80 651	(X)	68 967
By value group:				
$1 to $4,999	5 590	16 087	5 762	15 874
$5,000 to $9,999	8 201	55 044	5 630	37 681
$10,000 to $19,999	13 192	174 829	14 798	197 783
$20,000 to $29,999	9 546	218 141	11 826	271 161
$30,000 to $49,999	11 648	429 197	13 803	511 525
$50,000 to $69,999	8 892	496 497	10 949	607 338
$70,000 to $99,999	8 157	663 477	10 044	808 782
$100,000 to $199,999	15 110	1 995 474	15 979	2 109 096
$200,000 to $499,999	9 363	2 582 147	7 270	1 876 072
$500,000 to $999,999	968	575 592	301	177 017
$1,000,000 or more	80	112 366	24	35 133

[1]Data are in whole dollars.

Table 13. **Selected Machinery and Equipment on Place: 1997 and 1992**

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

Selected machinery and equipment	1997						1992		
	Total		Manufactured 1993 to 1997		Manufactured prior to 1993				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Number manufactured 1988 to 1992
Motortrucks, including pickups	83 941	147 779	27 312	30 704	70 607	117 075	87 526	143 737	34 283
2 or 3	30 685	69 554	2 388	5 145	23 642	53 262	30 296	67 990	4 641
4 or more	6 268	31 237	150	785	4 353	21 201	4 817	23 334	718
Wheel tractors	84 736	255 019	10 784	16 227	81 757	238 792	89 827	291 064	17 946
2 or 3	38 475	95 997	2 756	6 113	37 899	94 529	39 247	98 279	6 491
4 or more	27 262	140 023	478	2 564	24 621	125 026	34 399	176 604	2 427
Less than 40 horsepower (PTO)	38 074	59 853	2 299	2 643	36 228	57 210	43 331	74 314	3 282
40 horsepower (PTO) or more	76 722	195 166	9 478	13 584	73 863	181 582	80 301	216 750	14 664
40 to 99 horsepower (PTO)	63 516	108 644	3 597	4 285	61 316	104 359	(NA)	(NA)	(NA)
100 horsepower (PTO) or more	49 966	86 522	7 033	9 299	46 923	77 223	(NA)	(NA)	(NA)
Grain and bean combines	42 979	46 717	5 805	5 951	37 563	40 766	50 372	54 917	6 617
Cotton pickers and strippers	–	–	–	–	–	–	–	–	–
Mower conditioners	24 751	26 324	3 586	3 705	21 364	22 619	28 097	29 829	4 559
Pickup balers	28 853	34 622	2 722	2 861	26 984	31 761	36 708	43 320	4 303

Table 14. **Petroleum Products Expenses: 1997, 1992, and 1987**

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

Item	1997		1992	1987
	Farms	Expenses ($1,000)		
Petroleum products ..... farms	84 456	(X)	92 977	100 939
$1,000	(X)	350 799	379 607	315 061
Average per farm ..... dollars	(X)	4 154	4 083	3 121
Gasoline and gasohol ..... farms	70 591	(X)	80 272	87 982
$1,000	(X)	83 552	100 847	105 047
Average per farm ..... dollars	(X)	1 184	1 256	1 194
Farms with expenses of—				
$1 to $499	27 686	6 398	26 874	28 312
$500 to $999	15 775	10 466	18 466	21 138
$1,000 to $1,999	14 756	19 229	18 909	22 386
$2,000 to $4,999	10 181	28 243	13 477	14 012
$5,000 to $9,999	1 676	10 625	2 060	1 834
$10,000 to $24,999	462	6 137	467	270
$25,000 or more	55	2 455	19	30
Diesel fuel ..... farms	65 871	(X)	69 087	73 400
$1,000	(X)	151 144	153 501	136 878
Average per farm ..... dollars	(X)	2 295	2 222	1 865
Farms with expenses of—				
$1 to $499	14 866	3 477	14 281	15 927
$500 to $999	11 824	8 023	12 052	14 390
$1,000 to $1,999	13 325	18 387	15 688	18 347
$2,000 to $4,999	18 143	53 666	19 276	19 229
$5,000 to $9,999	5 849	37 872	6 185	4 667
$10,000 to $24,999	1 676	22 541	1 504	790
$25,000 or more	188	7 177	101	50
Natural gas ..... farms	4 094	(X)	4 330	5 064
$1,000	(X)	9 805	9 423	6 637
Average per farm ..... dollars	(X)	2 395	2 176	1 311
Farms with expenses of—				
$1 to $99	89	4	172	349
$100 to $499	806	217	688	1 521
$500 to $999	816	563	940	1 188
$1,000 to $1,999	1 137	1 523	1 217	1 152
$2,000 to $4,999	822	2 272	909	693
$5,000 to $9,999	309	2 081	285	114
$10,000 or more	115	3 145	119	47
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms	71 329	(X)	80 623	86 862
$1,000	(X)	106 298	115 836	66 500
Average per farm ..... dollars	(X)	1 490	1 437	766
Farms with expenses of—				
$1 to $99	11 988	603	13 069	16 546
$100 to $499	21 043	4 987	23 983	34 577
$500 to $999	10 944	7 373	11 626	14 814
$1,000 to $1,999	11 293	15 025	12 218	11 795
$2,000 to $4,999	11 546	33 708	14 532	7 876
$5,000 to $9,999	3 299	21 151	4 159	1 043
$10,000 or more	1 216	23 451	1 036	211

Table 15. **Agricultural Chemicals Used, Including Fertilizer: 1997, 1992, and 1987**

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

Chemicals used	1997	1992	1987
Any chemicals or fertilizer used[1] ..... farms	72 322	83 133	90 719
Commercial fertilizer ..... farms	65 626	74 421	83 067
acres on which used	14 473 220	14 775 107	13 313 702
$1,000	636 785	578 142	467 355
Agricultural chemicals ..... farms	64 489	77 540	86 631
$1,000	521 566	424 136	309 894
Sprays, dusts, granules, fumigants, etc., to control—			
Insects on hay and other crops ..... farms	24 957	37 097	41 361
acres on which used	3 241 067	4 673 005	4 910 343
Nematodes in crops ..... farms	1 426	2 371	2 548
acres on which used	175 517	290 834	267 277
Diseases in crops and orchards ..... farms	1 122	863	1 330
acres on which used	131 187	92 697	112 420
Weeds, grass, or brush in crops and pasture ..... farms	53 909	59 568	70 486
acres on which used	16 674 094	16 580 787	14 709 093
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms	43	1 124	1 066
acres on which used	1 594	162 801	120 779

[1]Data for 1987 include farms on which lime was applied alone or together with fertilizer and/or chemicals.

Table 16. Tenure and Characteristics of Operator and Type of Organization for All Farms and Farms Operated by Black and Other Races: 1997, 1992, and 1987

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

Characteristics	All farms			Farms operated by Black and other races[1]		
	1997	1992	1987	1997	1992	1987
Tenure of operator:						
All operators ..... farms	90 792	96 543	105 180	123	87	124
acres	31 166 699	31 346 565	31 638 130	34 181	18 801	28 195
Harvested cropland ..... farms	74 951	84 009	92 878	89	71	112
acres	23 323 249	22 826 308	20 484 178	21 408	10 213	17 716
Full owners ..... farms	42 902	43 541	48 226	72	54	64
acres	7 149 906	7 480 004	7 963 226	8 427	6 155	7 799
Harvested cropland ..... farms	28 983	32 977	37 835	44	42	56
acres	3 802 650	4 224 569	4 398 979	3 852	3 359	4 185
Part owners ..... farms	32 996	34 720	35 207	35	23	25
acres	19 074 894	18 208 604	17 255 971	21 706	9 163	10 127
Harvested cropland ..... farms	32 231	34 097	34 647	33	22	24
acres	15 287 056	13 942 737	11 572 966	14 220	4 939	6 250
Tenants ..... farms	14 894	18 282	21 747	16	10	35
acres	4 941 899	5 657 957	6 418 933	4 048	3 483	10 269
Harvested cropland ..... farms	13 737	16 935	20 396	12	7	32
acres	4 233 543	4 659 002	4 512 233	3 336	1 915	7 281
Percent of tenancy ..... percent	16.4	18.9	20.7	13.0	11.5	28.2
Operators by place of residence:						
On farm operated	66 661	72 150	78 710	79	62	91
Not on farm operated	19 439	19 053	20 505	33	19	27
Not reported	4 692	5 340	5 965	11	6	6
Operators by principal occupation:						
Farming	56 256	66 885	75 279	56	46	76
Other	34 536	29 658	29 901	67	41	48
Operators by days worked off farm:						
None	40 767	47 557	51 753	38	33	51
Any	45 408	42 672	46 229	76	44	61
1 to 49 days	6 695	7 543	9 615	11	4	10
50 to 99 days	3 031	2 983	3 489	5	–	5
100 to 149 days	2 887	2 803	3 325	4	5	4
150 to 199 days	4 122	3 775	3 872	9	4	8
200 days or more	28 673	25 568	25 928	47	31	34
Not reported	4 617	6 314	7 198	9	10	12
Operators by years on present farm:						
2 years or less	3 505	4 471	5 787	6	9	11
3 or 4 years	4 287	5 864	5 973	7	11	4
5 to 9 years	10 433	11 468	13 617	23	7	23
10 years or more	60 710	62 023	65 721	62	36	54
Average years on present farm	22.3	20.8	19.7	17.8	18.5	16.6
Not reported	11 857	12 717	14 082	25	24	32
Operators by age group:						
Under 25 years	1 468	2 276	2 852	1	1	4
25 to 34 years	7 554	13 100	17 458	12	6	22
35 to 44 years	20 841	22 200	21 282	33	12	33
45 to 49 years	11 388	9 723	10 512	18	14	13
50 to 54 years	10 125	10 046	11 232	17	14	11
55 to 59 years	9 798	10 262	12 608	16	9	3
60 to 64 years	9 402	10 595	12 679	5	9	5
65 to 69 years	7 812	7 956	7 848	10	3	12
70 years and over	12 404	10 385	8 709	11	19	21
Average age	52.4	50.3	49.3	50.4	55.6	50.0
Operators by sex:						
Male ..... farms	86 174	92 730	101 838	96	67	114
acres	30 335 233	30 621 616	31 076 208	27 755	14 375	25 527
Female ..... farms	4 618	3 813	3 342	27	20	10
acres	831 466	724 949	561 922	6 426	4 426	2 668
Operators of Spanish, Hispanic, or Latino origin (see text) ..... farms	343	187	105	15	12	7
acres	125 106	67 935	33 851	2 377	3 816	1 737
Operators not of Spanish, Hispanic, or Latino origin ..... farms	80 060	73 444	78 289	89	38	67
Spanish, Hispanic, or Latino origin not reported ..... farms	10 389	22 912	26 786	19	37	50
Type of organization:						
Individual or family (sole proprietorship) ..... farms	75 880	81 127	89 188	102	73	103
acres	23 526 085	24 332 657	25 058 946	24 366	15 703	22 024
Partnership ..... farms	8 231	10 028	11 088	9	5	13
acres	3 373 783	3 747 014	3 802 372	1 874	(D)	3 652
Corporation ..... farms	6 128	4 924	4 404	12	5	3
acres	4 119 477	3 136 300	2 659 862	7 941	2 280	1 069
Family held:						
More than 10 stockholders ..... farms	104	95	81	–	–	–
acres	63 221	59 770	56 221	–	–	–
10 or less stockholders ..... farms	5 629	4 457	4 013	11	4	3
acres	3 929 421	2 940 243	2 512 083	(D)	(D)	1 069
Other than family held:						
More than 10 stockholders ..... farms	64	41	34	–	–	–
acres	34 317	10 129	15 152	–	–	–
10 or less stockholders ..... farms	331	331	276	1	1	–
acres	92 518	126 158	76 406	(D)	(D)	–
Other—cooperative, estate or trust, institutional, etc. .. farms	553	464	500	–	4	5
acres	147 354	130 594	116 950	–	(D)	1 450

[1]For classification of social and ethnic groups, see text.

Table 17. Selected Characteristics of Farms by Specified Racial Groups, Sex of Operators, and Persons of Spanish, Hispanic, or Latino Origin: 1997 and 1992

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

Characteristics	Farms operated by specified racial groups					Operators by sex		Operators of Spanish, Hispanic, or Latino origin[1]
	Total	Black	American Indian	Asian or Pacific Islander	Other (see text)	Female	Male	
FARMS AND LAND IN FARMS								
Farms ..... number, 1997..	123	35	50	22	16	4 618	86 174	343
1992..	87	32	26	19	10	3 813	92 730	187
Land in farms ..... acres, 1997..	34 181	10 843	12 421	3 869	7 048	831 466	30 335 233	125 106
1992..	18 801	6 107	4 612	3 918	4 164	724 949	30 621 616	67 935
Harvested cropland ..... farms, 1997..	89	33	30	13	13	2 783	72 168	299
1992..	71	25	22	17	7	2 830	81 179	162
acres, 1997..	21 408	7 243	8 010	2 318	3 837	439 467	22 883 782	92 550
1992..	10 213	3 706	2 936	1 890	1 681	416 104	22 410 204	46 266
1997 FARMS BY SIZE								
1 to 9 acres	9	2	5	2	–	377	4 672	10
10 to 49 acres	29	6	12	8	3	938	10 642	41
50 to 139 acres	20	7	8	2	3	1 349	15 069	58
140 to 219 acres	23	7	10	5	1	839	12 533	58
220 to 499 acres	25	6	9	4	6	768	22 885	93
500 acres or more	17	7	6	1	3	347	20 373	83
1997 OWNED AND RENTED LAND IN FARMS								
Owned land in farms ..... farms..	107	31	41	20	15	4 267	71 631	285
acres..	15 232	4 701	6 373	2 408	1 750	627 701	13 726 983	55 822
Rented or leased land in farms ..... farms..	51	15	21	5	10	906	46 984	201
acres..	18 949	6 142	6 048	1 461	5 298	203 765	16 608 250	69 284
TENURE OF OPERATOR								
Full owners ..... farms, 1997..	72	20	29	17	6	3 712	39 190	142
1992..	54	20	15	14	5	2 825	40 716	80
acres, 1997..	8 427	2 222	3 728	1 896	581	507 686	6 642 220	24 110
1992..	6 155	3 067	974	952	1 162	398 690	7 081 314	15 670
Part owners ..... farms, 1997..	35	11	12	3	9	555	32 441	143
1992..	23	8	7	3	5	589	34 131	74
acres, 1997..	21 706	7 089	6 867	(D)	(D)	253 122	18 821 772	80 326
1992..	9 163	(D)	1 968	(D)	3 002	252 537	17 956 067	42 370
Tenants ..... farms, 1997..	16	4	9	2	1	351	14 543	58
1992..	10	4	4	2	–	399	17 883	33
acres, 1997..	4 048	1 532	1 826	(D)	(D)	70 658	4 871 241	20 670
1992..	3 483	(D)	1 670	(D)	–	73 722	5 584 235	9 895
1997 FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)	102	30	41	19	12	3 790	72 090	286
Partnership	9	3	4	1	1	479	7 752	33
Family held corporation	11	2	4	2	3	219	5 514	20
Other than family held corporation	1	–	1	–	–	25	370	1
Other—cooperative, estate or trust, institutional, etc.	–	–	–	–	–	105	448	3
1997 MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales ..... farms..	123	35	50	22	16	4 618	86 174	343
$1,000..	9 686	2 889	4 131	1 011	1 655	238 329	11 709 565	45 958
Crops, including nursery and greenhouse crops ..... farms..	82	30	29	12	11	2 356	66 059	274
$1,000..	4 803	1 652	1 816	472	863	113 305	6 073 964	24 903
Livestock, poultry, and their products ..... farms..	64	18	25	8	13	2 016	49 827	193
$1,000..	4 883	1 238	2 315	538	792	125 024	5 635 601	21 054
Farms by value of sales:								
Less than $1,000	27	4	14	8	1	1 370	7 860	28
$1,000 to $2,499	8	2	3	2	1	334	3 627	13
$2,500 to $9,999	16	5	5	3	3	835	9 620	30
$10,000 to $19,999	14	5	7	–	2	455	6 928	34
$20,000 to $24,999	3	1	1	1	–	177	2 947	10
$25,000 or more	55	18	20	8	9	1 447	55 192	228
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	70	22	26	13	9	2 612	51 044	203
Vegetable and melon farming (1112)	6	2	2	2	–	27	228	–
Fruit and tree nut farming (1113)	1	–	1	–	–	14	189	–
Greenhouse, nursery, and floriculture production (1114)	2	–	2	–	–	79	562	4
Other crop farming (1119)	5	2	1	1	1	296	3 575	14
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	5	2	1	1	1	296	3 575	14
Beef cattle ranching and farming (112111)	16	3	6	4	3	731	10 661	48
Cattle feedlots (112112)	1	–	1	–	–	136	3 778	18
Dairy cattle and milk production (11212)	2	–	2	–	–	64	2 611	7
Hog and pig farming (1122)	11	4	5	1	1	225	9 163	33
Poultry and egg production (1123)	2	–	–	–	2	33	415	3
Sheep and goat farming (1124)	1	–	–	1	–	97	1 154	1
Animal aquaculture and other animal production (1125, 1129)	6	2	4	–	–	304	2 794	12

See footnotes at end of table.

Table 17. **Selected Characteristics of Farms by Specified Racial Groups, Sex of Operators, and Persons of Spanish, Hispanic, or Latino Origin: 1997 and 1992**—Con.

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

Characteristics	Farms operated by specified racial groups					Operators by sex		Operators of Spanish, Hispanic, or Latino origin[1]
	Total	Black	American Indian	Asian or Pacific Islander	Other (see text)	Female	Male	
1997 OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	79	19	36	12	12	2 908	63 753	270
Not on farm operated	33	12	9	9	3	1 425	18 014	68
Not reported	11	4	5	1	1	285	4 407	5
Operators by principal occupation:								
Farming	56	18	23	7	8	2 003	54 253	247
Other	67	17	27	15	8	2 615	31 921	96
Operators by days worked off farm:								
None	38	8	14	8	8	2 250	38 517	183
Any	76	21	34	14	7	2 126	43 282	147
1 to 99 days	16	3	8	4	1	282	9 444	49
100 to 199 days	13	4	6	2	1	371	6 638	24
200 days or more	47	14	20	8	5	1 473	27 200	74
Not reported	9	6	2	–	1	242	4 375	13
Operators by years on present farm:								
2 years or less	6	2	1	3	–	252	3 253	17
3 or 4 years	7	4	2	1	–	274	4 013	13
5 to 9 years	23	5	11	3	4	605	9 828	47
10 years or more	62	16	30	9	7	2 632	58 078	233
Average years on present farm	17.8	17.5	20.5	11.7	16.6	22.8	22.3	24.2
Not reported	25	8	6	6	5	855	11 002	33
Operators by age group:								
Under 25 years	1	–	1	–	–	59	1 409	10
25 to 34 years	12	3	5	–	4	174	7 380	25
35 to 44 years	33	11	11	6	5	579	20 262	66
45 to 54 years	35	8	13	9	5	775	20 738	70
55 to 59 years	16	2	8	5	1	471	9 327	38
60 to 64 years	5	2	2	1	–	532	8 870	37
65 to 69 years	10	3	6	1	–	526	7 286	37
70 years and over	11	6	4	–	1	1 502	10 902	60
Average age	50.4	53.3	50.6	49.6	44.6	60.7	51.9	54.1
Operators by sex:								
Male	96	27	39	17	13	(X)	86 174	310
Female	27	8	11	5	3	4 618	(X)	33
Operators of Spanish, Hispanic, or Latino origin (see text)	15	6	1	2	6	33	310	343
1997 COMMODITY CREDIT CORPORATION LOANS AND GOVERNMENT PAYMENTS								
Amount received from Commodity Credit Corporation loans: farms	7	2	2	–	3	257	12 742	52
$1,000	197	(D)	(D)	–	(D)	6 807	501 402	1 861
Government payments received: farms	73	19	29	15	10	3 249	64 546	253
$1,000	559	96	325	82	56	19 163	517 761	1 945

[1]See chapter 1, table 16 for operators not of or not reporting Spanish, Hispanic, or Latino origin.

Table 18. Selected Characteristics of Farms by North American Industry Classification System: 1997

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

NAICS code (see text)	Farms	Land in farms (acres)	Harvested cropland (acres)	Estimated market value of selected capital assets[1], 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
Total	**90 792**	**31 166 699**	**23 323 249**	**566 587**	**80 651**	**11 947 894**	**6 187 269**	**5 760 625**
Crop production (111)	58 626	23 236 216	18 470 329	664 378	89 616	6 148 157	5 372 556	775 601
Oilseed and grain farming (1111)	53 656	22 329 587	17 957 005	697 734	93 435	5 866 095	5 193 316	672 779
Soybean farming (11111)	10 974	3 828 368	3 172 072	599 168	82 342	920 258	897 963	22 295
Oilseed (except soybean) farming (11112)	–	–	–	–	–	–	–	–
Dry pea and bean farming (11113)	6	(D)	(D)	1 053 299	221 455	(D)	998	(D)
Wheat farming (11114)	25	(D)	(D)	169 063	29 525	(D)	214	(D)
Corn farming (11115)	24 117	10 665 238	9 282 705	790 970	105 781	2 875 073	2 792 594	82 479
Rice farming (11116)	–	–	–	–	–	–	–	–
Other grain farming (11119)	18 534	7 824 764	5 495 091	634 042	83 793	2 069 069	1 501 547	567 522
Vegetable and melon farming (11121)	255	16 367	9 916	108 417	20 152	7 070	6 874	196
Potato farming (111211)	6	(D)	(D)	415 694	(D)	(D)	(D)	(D)
Other vegetable (except potato) and melon farming (111219)	249	(D)	(D)	89 353	17 111	(D)	(D)	(D)
Fruit and tree nut farming (1113)	203	9 812	2 134	143 444	33 255	2 615	2 591	23
Orange groves (11131)	–	–	–	–	–	–	–	–
Citrus (except orange) groves (11132)	–	–	–	–	–	–	–	–
Noncitrus fruit and tree nut farming (11133)	203	9 812	2 134	143 444	33 255	2 615	2 591	23
Apple orchards (111331)	152	7 949	1 671	155 311	36 363	2 106	2 086	20
Grape vineyards (111332)	3	149	28	(D)	(D)	10	(D)	(D)
Strawberry farming (111333)	12	159	48	90 000	47 300	111	111	–
Berry (except strawberry) farming (111334)	5	97	27	5 000	10 000	26	26	–
Tree nut farming (111335)	–	–	–	–	–	–	–	–
Fruit and tree nut combination farming (111336)	–	–	–	–	–	–	–	–
Other noncitrus fruit farming (111339)	31	1 458	360	157 775	23 667	361	(D)	(D)
Greenhouse, nursery, and floriculture production (1114)	641	29 876	12 067	217 139	56 820	72 199	72 051	148
Food crops grown under cover (11141)	16	482	154	159 607	93 700	1 307	(D)	(D)
Nursery and floriculture production (11142)	625	29 394	11 913	219 627	55 225	70 893	(D)	(D)
Nursery and tree production (111421)	402	22 682	9 300	207 181	38 553	22 567	(D)	(D)
Floriculture production (111422)	223	6 712	2 613	241 601	84 661	48 326	48 223	103
Other crop farming (1119)	3 871	850 574	489 207	306 017	45 875	200 178	97 724	102 454
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming (11193)	–	–	–	–	–	–	–	–
Hay farming (11194)	2 756	362 044	139 476	173 902	29 270	31 301	23 711	7 590
All other crop farming (11199)	1 115	488 530	349 731	630 608	86 672	168 877	74 012	94 865
Animal production (112)	32 166	7 930 483	4 852 920	386 930	64 187	5 799 737	814 713	4 985 024
Cattle ranching and farming (1121)	17 981	4 416 773	2 203 753	324 518	53 582	2 074 704	297 039	1 777 665
Beef cattle ranching and farming, including feedlots (11211)	15 306	3 670 952	1 704 155	310 671	47 055	1 634 089	245 873	1 388 216
Beef cattle ranching and farming (112111)	11 392	2 182 642	721 338	214 887	31 541	495 179	90 171	405 007
Cattle feedlots (112112)	3 914	1 488 310	982 817	603 999	94 535	1 138 911	155 702	983 209
Dairy cattle and milk production (11212)	2 675	745 821	499 598	401 160	89 693	440 615	51 166	389 449
Hog and pig farming (1122)	9 388	2 828 344	2 268 694	569 389	95 132	3 061 250	442 245	2 619 005
Poultry and egg production (1123)	448	66 692	44 567	449 193	105 698	424 685	12 350	412 336
Chicken egg production (11231)	204	25 121	16 611	547 942	124 074	299 691	4 409	295 282
Broilers and other meat-type chicken production (11232)	66	10 269	6 330	233 482	62 762	11 767	1 464	10 303
Turkey production (11233)	104	26 178	21 363	741 702	136 078	92 351	6 420	85 931
Poultry hatcheries (11234)	15	528	(D)	144 511	318 955	19 817	–	19 817
Other poultry production (11239)	59	4 596	(D)	183 439	21 768	1 059	56	1 003
Sheep and goat farming (1124)	1 251	60 638	13 797	115 956	18 096	18 663	1 437	17 226
Sheep farming (11241)	1 155	55 433	13 197	115 675	18 520	17 442	1 392	16 050
Goat farming (11242)	96	5 205	600	119 757	12 358	1 222	46	1 176
Animal aquaculture (1125)	15	1 473	(D)	90 889	15 444	1 619	(D)	(D)
Other animal production (1129)	3 083	556 563	(D)	305 671	45 595	218 815	(D)	(D)
Apiculture (11291)	95	3 087	188	127 058	46 497	2 076	42	2 035
Horse and other equine production (11292)	1 949	102 649	10 519	127 895	21 770	10 874	491	10 383
Fur-bearing animal and rabbit production (11293)	30	1 234	(D)	170 293	43 729	2 629	(D)	(D)
All other animal production (11299)	1 009	449 593	310 949	716 691	96 676	203 236	61 021	142 215

[1]Data are based on a sample of farms.

Table 19. **Selected Characteristics of Reservations and Abnormal Farms: 1997 and 1992**

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

Characteristics	1997		1992	Characteristics	1997		1992
	Reservations	Abnormal farms	Reservations and abnormal farms[1]		Reservations	Abnormal farms	Reservations and abnormal farms[1]
Farms ..... number	–	15	32	Total farm production expenses[2 3] $1,000	–	2 608	5 168
Land in farms[2] ..... acres	–	11 150	19 358	Average per farm ..... dollars	–	173 855	161 500
Average size of farm ..... acres	–	743	605				
Estimated market value of land and buildings[2 3] $1,000	–	47 041	24 128	Government payments received[2] ..... farms	–	12	9
Average per farm ..... dollars	–	3 136 091	754 004	$1,000	–	84	87
Average per acre ..... dollars	–	4 219	1 246	Average per farm ..... dollars	–	7 002	9 662
Estimated market value of all machinery and equipment[2 3] $1,000	–	1 802	4 258	Other farm-related income[2 3] ..... farms	–	6	7
				$1,000	–	35	54
				Average per farm ..... dollars	–	5 851	7 714
Land in farms according to use:[2]							
Total cropland ..... farms	–	14	27				
acres	–	6 143	10 772	Tenure of operator:			
Harvested cropland ..... farms	–	13	26	Full owners	–	10	20
acres	–	4 502	8 700	Part owners	–	4	6
Cropland used only for pasture or grazing ..... farms	–	4	10	Tenants	–	1	6
acres	–	1 278	1 497				
Other cropland ..... farms	–	8	9				
acres	–	363	575	Farms by North American Industry Classification System:			
Total woodland ..... farms	–	6	13	Oilseed and grain farming (1111)	–	6	(NA)
acres	–	(D)	1 968	Vegetable and melon farming (1112)	–	–	(NA)
Woodland pastured ..... farms	–	3	9	Fruit and tree nut farming (1113)	–	–	(NA)
acres	–	(D)	660	Greenhouse, nursery, and floriculture production (1114)	–	–	(NA)
Woodland not pastured ..... farms	–	3	10	Other crop farming (1119)	–	–	(NA)
acres	–	(D)	1 308	Tobacco farming (11191)	–	–	(NA)
Pastureland and rangeland other than cropland and woodland pastured ..... farms	–	5	12	Cotton farming (11192)	–	–	(NA)
acres	–	(D)	4 000	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	–	–	(NA)
Land in house lots, ponds, roads, wasteland, etc. ..... farms	–	14	25				
acres	–	2 385	2 618				
Irrigated land ..... farms	–	1	6	Beef cattle ranching and farming (112111)	–	3	(NA)
acres	–	(D)	18	Cattle feedlots (112112)	–	3	(NA)
Market value of agricultural products sold[2] . $1,000	–	3 280	5 869	Dairy cattle and milk production (11212)	–	–	(NA)
Average per farm ..... dollars	–	218 667	183 392	Hog and pig farming (1122)	–	1	(NA)
				Poultry and egg production (1123)	–	1	(NA)
Crops, including nursery and greenhouse crops $1,000	–	836	1 416	Sheep and goat farming (1124)	–	–	(NA)
Livestock, poultry, and their products $1,000	–	2 444	4 452	Animal aquaculture and other animal production (1125, 1129)	–	1	(NA)

[1] In 1992 reservations were included in abnormal farms.
[2] Data have been adjusted to exclude the agricultural activity of American Indians farming on reservations that were counted individually.
[3] Data are based on a sample of farms.

Table 20. **Poultry—Inventory and Sales: 1997 and 1992**

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

Item	1997		1992		Item	1997		1992	
	Farms	Number	Farms	Number		Farms	Number	Farms	Number
INVENTORY					**SALES**				
Layers and pullets 13 weeks old and older (see text)	1 892	24 876 834	2 633	12 560 235	Layers 20 weeks old and older	269	11 037 013	456	6 938 488
Layers 20 weeks old and older ...	1 831	21 509 521	2 590	11 162 662					
Farms with inventory of—					Pullet chicks and pullets less than 20 weeks old	56	7 497 666	75	4 358 049
1 to 49	1 318	24 530	1 759	32 130					
50 to 99	195	11 838	297	18 303					
100 to 399	163	27 748	311	53 795	Broilers and other meat-type chickens	519	6 852 810	652	9 199 943
400 to 3,199	29	26 777	71	62 647	Farms by number sold—				
3,200 to 9,999	28	207 197	38	240 827	1 to 1,999	466	101 950	598	149 521
10,000 to 19,999	20	244 880	42	532 349	2,000 to 15,999	19	110 600	21	99 283
20,000 to 49,999	21	703 310	31	996 610	16,000 to 29,999	3	68 260	3	56 000
50,000 to 99,999	16	1 122 139	23	1 617 053	30,000 to 59,999	2	(D)	1	(D)
100,000 or more	41	19 141 102	18	7 608 948	60,000 to 99,999	6	474 000	2	(D)
Pullets 13 weeks old and older but less than 20 weeks old (see text)	306	3 367 313	331	1 397 573	100,000 to 199,999	9	1 321 000	6	1 113 000
					200,000 to 299,999	6	1 475 000	2	(D)
					300,000 to 499,999	7	2 716 000	19	7 121 139
					500,000 or more	1	(D)	–	–
Pullet chicks and pullets less than 13 weeks old	83	3 448 706	86	1 557 925	500,000 to 749,999	1	(D)	–	–
					750,000 or more	–	–	–	–
Broilers and other meat-type chickens	628	1 017 224	734	1 749 205					
Turkeys	344	2 552 624	499	3 138 512	Turkeys	206	7 279 601	270	9 362 945
For slaughter	248	2 526 898	360	3 085 426	For slaughter	193	7 249 635	251	9 308 927
Hens kept for breeding	132	25 726	217	53 086	Hens kept for breeding	14	29 966	27	54 018
Ducks, geese, and other poultry	739	(X)	763	(X)	Ducks, geese, and other poultry	226	(X)	182	(X)

Table 21. **Layers, Pullets, and Pullet Chicks—Number Sold: 1997 and 1992**

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

Item	1997		1992		Item	1997		1992	
	Farms	Number	Farms	Number		Farms	Number	Farms	Number
Layers 20 weeks old and older	269	11 037 013	456	6 938 488	Pullet chicks and pullets less than 20 weeks old	56	7 497 666	75	4 358 049
Farms by number sold—					Farms by number sold—				
1 to 99	120	3 246	203	6 261	1 to 1,999	25	(D)	36	(D)
100 to 399	28	5 503	75	14 865	2,000 to 15,999	4	25 950	4	24 700
400 to 3,199	11	14 927	27	31 442	16,000 to 29,999	2	(D)	2	(D)
3,200 to 9,999	34	234 370	50	336 563	30,000 to 59,999	5	183 348	12	569 540
10,000 to 19,999	18	238 510	41	548 641	60,000 to 99,999	6	457 445	8	607 000
20,000 to 49,999	21	669 620	29	908 807	100,000 or more	14	6 775 912	13	3 099 600
50,000 to 99,999	19	1 405 582	24	1 649 909					
100,000 or more	18	8 465 255	7	3 442 000					

Table 22. **Poultry—Inventory and Sales by Farms With Layers and Pullets 13 Weeks Old and Older: 1997**

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

Layers and pullets 13 weeks old and older inventory (see text)	Inventory									
	Layers and pullets 13 weeks old and older (see text)						Pullet chicks and pullets less than 13 weeks old		Broilers and other meat-type chickens	
	Total		Layers 20 weeks old and older		Pullets 13 weeks old and older but less than 20 weeks old					
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Total	**1 892**	**24 876 834**	**1 831**	**21 509 521**	**306**	**3 367 313**	**60**	**2 958 809**	**353**	**125 463**
Farms with inventory of—										
1 to 49	1 302	24 731	1 268	22 957	155	1 774	31	795	265	29 831
50 to 99	229	14 197	221	12 050	68	2 147	9	439	48	3 946
100 to 399	183	30 484	179	26 953	44	3 531	4	193	34	6 881
400 to 1,599	33	19 709	31	15 896	10	3 813	1	(D)	3	1 180
1,600 to 3,199	7	17 637	6	(D)	2	(D)	1	(D)	1	(D)
3,200 to 9,999	31	225 697	28	207 197	3	18 500	1	(D)	–	–
10,000 to 19,999	22	278 655	20	(D)	2	(D)	–	–	–	–
20,000 to 49,999	20	659 400	18	(D)	2	(D)	–	–	1	(D)
50,000 to 99,999	19	1 329 699	18	1 194 049	4	135 650	2	(D)	1	(D)
100,000 or more	46	22 276 625	42	19 188 102	16	3 088 523	11	2 774 985	–	–
No layers and pullets 13 weeks old and older as of Dec. 31, 1997	(X)	(X)	(X)	(X)	(X)	(X)	23	489 897	275	891 761

Layers and pullets 13 weeks old and older inventory (see text)	Sales									
	Layers, pullets, and pullet chicks (see text)						Broilers and other meat-type chickens		Poultry and poultry products	
	Total		Layers 20 weeks old and older		Pullet chicks and pullets less than 20 weeks old					
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Value ($1,000)
Total	**273**	**16 736 679**	**244**	**(D)**	**43**	**(D)**	**184**	**201 534**	**926**	**303 969**
Farms with inventory of—										
1 to 49	70	2 520	61	1 353	14	1 167	114	85 710	443	286
50 to 99	22	1 424	22	(D)	1	(D)	37	13 503	130	107
100 to 399	40	7 033	36	6 264	4	769	28	18 719	176	422
400 to 1,599	14	5 005	13	(D)	1	(D)	3	(D)	32	214
1,600 to 3,199	4	8 740	3	(D)	1	(D)	1	(D)	7	122
3,200 to 9,999	31	294 999	28	(D)	3	(D)	–	–	31	2 726
10,000 to 19,999	22	644 153	20	215 805	3	428 348	–	–	22	3 821
20,000 to 49,999	20	579 027	18	(D)	2	(D)	1	(D)	20	7 942
50,000 to 99,999	19	1 724 034	18	(D)	3	(D)	–	–	19	27 687
100,000 or more	31	13 469 744	25	8 156 032	11	5 313 712	–	–	46	260 641
No layers and pullets 13 weeks old and older as of Dec. 31, 1997	35	1 798 000	25	(D)	13	(D)	335	6 651 276	672	110 460

Table 23. **Turkeys—Number Sold: 1997**

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

Turkeys	Total		Turkeys sold for slaughter		Sales of hens kept for breeding	
	Farms	Number	Farms	Number	Farms	Number
Total sold	**206**	**7 279 601**	**193**	**7 249 635**	**14**	**29 966**
Farms by number of turkeys sold—						
1 to 1,999	103	9 912	96	(D)	7	(D)
2,000 to 7,999	14	67 399	8	42 425	6	24 974
8,000 to 15,999	11	121 170	11	121 170	–	–
16,000 to 29,999	14	325 861	14	325 861	–	–
30,000 to 59,999	20	864 200	20	864 200	–	–
60,000 to 99,999	19	1 413 559	19	1 413 559	–	–
100,000 or more	25	4 477 500	25	(D)	1	(D)

Table 24. **Cattle and Calves—Inventory: 1997 and 1992**

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

Item	1997		1992	
	Farms	Number	Farms	Number
Cattle and calves	38 435	3 647 129	43 610	3 963 602
Farms with—				
1 to 9	3 947	20 656	4 202	22 146
10 to 19	4 362	61 603	5 169	73 279
20 to 49	10 787	351 175	12 192	396 986
50 to 99	8 960	626 095	10 635	744 290
100 to 199	6 468	876 908	7 243	979 168
200 to 499	3 085	880 609	3 355	944 117
500 to 999	585	387 807	586	381 841
1,000 to 2,499	205	286 431	194	271 921
2,500 to 4,999	27	91 571	24	79 176
5,000 or more	9	64 274	10	70 678
Cows and heifers that had calved	30 804	1 251 314	34 593	1 324 669
Farms with—				
1 to 9	4 842	24 479	5 470	28 345
10 to 19	5 908	82 551	6 942	96 969
20 to 49	11 497	357 320	13 259	413 601
50 to 99	6 146	404 991	6 624	437 462
100 to 199	1 965	244 710	1 917	237 024
200 to 499	410	106 716	350	89 391
500 to 999	25	15 527	27	15 957
1,000 to 2,499	11	15 020	4	5 920
2,500 or more	–	–	–	–
Beef cows	27 452	1 029 172	29 987	1 065 744
Farms with—				
1 to 9	4 760	24 110	5 313	27 614
10 to 19	5 713	79 654	6 737	93 760
20 to 49	10 338	316 566	11 328	346 415
50 to 99	4 747	310 803	4 790	316 217
100 to 199	1 556	193 971	1 498	186 001
200 to 499	310	79 922	291	74 385
500 to 999	19	11 893	26	15 432
1,000 to 2,499	9	12 253	4	5 920
2,500 or more	–	–	–	–

Item	1997		1992	
	Farms	Number	Farms	Number
Cows and heifers that had calved—Con.				
Milk cows	4 208	222 142	5 878	258 925
Farms with—				
1 to 9	488	1 691	704	(D)
10 to 19	396	5 610	544	7 744
20 to 49	1 465	49 704	2 445	81 586
50 to 99	1 418	93 962	1 816	116 943
100 to 199	353	43 405	322	38 369
200 to 499	80	21 369	46	11 480
500 to 999	6	(D)	1	(D)
1,000 or more	2	(D)	–	–
Heifers and heifer calves	28 885	1 026 132	33 405	1 108 654
Farms with—				
1 to 9	10 195	47 832	11 754	56 361
10 to 19	6 853	91 888	7 900	106 558
20 to 49	7 291	217 994	8 579	256 624
50 to 99	2 750	179 687	3 194	209 409
100 to 199	1 052	137 330	1 203	155 897
200 to 499	544	156 870	613	172 334
500 to 999	142	92 228	112	71 567
1,000 to 2,499	49	66 289	44	58 623
2,500 or more	9	36 014	6	21 281
Steers, steer calves, bulls, and bull calves	33 184	1 369 683	37 347	1 530 279
Farms with—				
1 to 9	12 683	52 294	14 435	59 630
10 to 19	7 099	96 381	8 046	109 457
20 to 49	7 847	234 465	8 766	263 700
50 to 99	2 941	194 511	3 160	210 715
100 to 199	1 407	185 191	1 583	210 256
200 to 499	842	247 050	968	281 268
500 to 999	267	180 233	274	176 847
1,000 to 2,499	79	108 570	95	131 321
2,500 or more	19	70 988	20	87 085

Table 25. **Cattle and Calves—Sales: 1997 and 1992**

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

Number sold	1997			1992		
	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Cattle and calves	38 548	2 881 122	1 850 796	43 780	3 223 645	2 235 422
Farms by number sold—						
1 to 9	7 696	40 143	19 753	8 189	42 919	22 793
10 to 19	7 787	108 022	51 892	9 185	127 949	67 319
20 to 49	12 313	381 624	190 355	13 977	432 987	236 769
50 to 99	5 816	392 464	216 943	6 585	446 688	268 176
100 to 199	2 651	353 456	218 194	3 050	407 116	270 182
200 to 499	1 487	444 564	303 000	1 844	546 947	398 718
500 to 999	439	297 109	216 909	580	381 855	295 613
1,000 to 2,499	276	404 295	291 822	291	421 757	336 874
2,500 to 4,999	51	172 569	125 622	51	167 090	134 779
5,000 or more	32	286 876	216 306	28	248 337	204 201
Cattle, including calves weighing 500 pounds or more	31 926	2 506 779	1 746 167	37 327	2 848 272	2 108 398
Farms by number sold—						
1 to 9	7 736	37 415	20 942	8 620	41 834	24 836
10 to 19	6 351	87 191	48 446	7 626	105 091	62 907
20 to 49	9 177	284 846	165 235	10 694	328 820	204 396
50 to 99	4 389	296 355	187 041	5 215	353 475	235 072
100 to 199	2 194	292 762	198 855	2 578	344 096	245 097
200 to 499	1 318	395 355	287 508	1 683	497 777	379 637
500 to 999	425	287 339	215 631	550	361 030	286 750
1,000 to 2,499	257	376 771	283 786	285	411 342	333 353
2,500 to 4,999	47	161 869	122 417	48	156 470	132 149
5,000 or more	32	286 876	216 306	28	248 337	204 201
Cattle fattened on grain and concentrates for slaughter	13 071	1 646 477	1 269 513	16 693	1 954 436	1 587 844
Farms by number sold—						
1 to 9	2 908	12 547	9 151	3 586	16 210	11 715
10 to 19	2 000	27 324	20 021	2 692	37 155	27 204
20 to 49	3 361	105 309	78 681	4 349	134 627	101 867
50 to 99	1 977	134 855	102 912	2 528	174 337	137 531
100 to 199	1 270	171 068	131 291	1 540	209 251	166 697
200 to 499	941	287 035	223 696	1 248	373 913	304 189
500 to 999	339	227 532	176 814	444	290 878	241 276
1,000 to 2,499	206	299 862	233 814	235	335 632	279 499
2,500 to 4,999	42	141 154	109 421	45	146 746	124 566
5,000 or more	27	239 791	183 713	26	235 687	193 301
Calves weighing less than 500 pounds	13 659	374 343	104 629	15 223	375 373	127 024
Farms by number sold—						
1 to 9	4 622	21 216	6 260	5 457	25 052	8 298
10 to 19	3 430	46 494	13 638	3 983	53 423	17 955
20 to 49	3 961	116 235	33 852	4 211	121 909	40 918
50 to 99	1 165	75 169	22 519	1 117	72 846	26 112
100 to 199	318	40 206	10 833	331	42 904	14 880
200 to 499	126	35 644	9 443	93	26 117	8 309
500 to 999	20	13 320	2 935	24	16 111	6 334
1,000 or more	17	26 059	5 150	7	17 011	4 218

Table 26. **Cattle and Calves Herd Size by Inventory and Sales: 1997**

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

Herd size	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	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value ($1,000)
Total	**38 435**	**3 647 129**	**30 804**	**1 251 314**	**28 885**	**1 026 132**	**33 184**	**1 369 683**	**37 060**	**2 783 556**	**1 787 791**
Farms with herd size of—											
1 to 9	3 947	20 656	2 117	7 287	2 089	5 501	2 699	7 868	2 580	22 418	12 040
10 to 19	4 362	61 603	3 259	28 524	2 805	13 960	3 530	19 119	4 362	54 819	27 286
20 to 49	10 787	351 175	9 186	174 696	8 024	79 659	9 431	96 820	10 785	222 158	111 254
50 to 99	8 960	626 095	7 951	299 105	7 352	149 862	8 097	177 128	8 959	364 191	196 348
100 to 199	6 468	876 908	5 609	371 991	5 488	233 952	5 883	270 965	6 467	476 519	278 160
200 to 499	3 085	880 609	2 290	271 258	2 514	258 719	2 798	350 632	3 083	617 865	404 975
500 to 999	585	387 807	303	65 089	420	121 225	528	201 493	584	409 154	292 268
1,000 to 2,499	205	286 431	83	27 717	168	106 473	185	152 241	204	331 223	247 834
2,500 to 4,999	27	91 571	3	(D)	17	(D)	24	57 806	27	172 149	132 552
5,000 or more	9	64 274	3	(D)	8	(D)	9	35 611	9	113 060	85 072
No cattle and calves herd as of Dec. 31, 1997	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	1 488	97 566	63 006

Table 27. **Cow Herd Size by Inventory and Sales: 1997**

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

Cow herd[1]	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	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value ($1,000)
Total	**30 804**	**2 666 434**	**30 804**	**1 251 314**	**24 795**	**668 645**	**27 141**	**746 475**	**30 106**	**1 496 522**	**849 977**
Farms with cow herd size of—											
1 to 9	4 842	71 673	4 842	24 479	3 560	22 994	3 873	24 200	4 148	54 433	30 788
10 to 19	5 908	186 940	5 908	82 551	4 585	46 218	5 275	58 171	5 907	119 598	62 456
20 to 49	11 497	757 088	11 497	357 320	9 274	184 560	10 333	215 208	11 497	430 623	234 007
50 to 99	6 146	861 129	6 146	404 991	5 295	221 953	5 501	234 185	6 144	446 394	253 764
100 to 199	1 965	509 309	1 965	244 710	1 704	125 552	1 769	139 047	1 965	263 461	153 366
200 to 499	410	215 756	410	106 716	348	51 865	361	57 175	410	119 444	70 107
500 to 999	25	25 780	25	15 527	21	5 620	20	4 633	25	11 727	6 699
1,000 to 2,499	11	38 759	11	15 020	8	9 883	9	13 856	10	50 842	38 790
2,500 or more	–	–	–	–	–	–	–	–	–	–	–
No cow herd as of Dec. 31, 1997	7 631	980 695	(X)	(X)	4 090	357 487	6 043	623 208	8 442	1 384 600	1 000 819

[1]Cow herd includes beef cows, milk cows, and heifers that had calved.

Table 28. **Beef Cow Herd Size by Inventory and Sales: 1997**

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

Beef cow herd	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	**27 452**	**2 275 129**	**27 452**	**1 059 390**	**27 452**	**1 029 172**	**21 680**	**534 150**	**24 655**	**681 589**
Farms with beef herd size of—										
1 to 9	4 760	79 719	4 760	29 324	4 760	24 110	3 516	25 128	3 855	25 267
10 to 19	5 713	190 947	5 713	85 152	5 713	79 654	4 422	46 247	5 128	59 548
20 to 49	10 338	692 134	10 338	327 442	10 338	316 566	8 195	161 700	9 480	202 992
50 to 99	4 747	675 464	4 747	316 619	4 747	310 803	3 946	155 938	4 438	202 907
100 to 199	1 556	413 978	1 556	196 474	1 556	193 971	1 319	95 103	1 448	122 401
200 to 499	310	166 839	310	80 233	310	79 922	259	36 236	281	50 370
500 to 999	19	20 056	19	11 893	19	11 893	15	3 915	16	4 248
1,000 to 2,499	9	35 992	9	12 253	9	12 253	8	9 883	9	13 856
2,500 or more	–	–	–	–	–	–	–	–	–	–
No beef cow herd as of Dec. 31, 1997	10 983	1 372 000	3 352	191 924	(X)	(X)	7 205	491 982	8 529	688 094

Beef cow herd	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	**26 809**	**1 361 144**	**790 613**	**21 848**	**1 108 907**	**712 791**	**7 839**	**550 367**	**419 199**	**9 919**	**252 237**	**77 821**
Farms with beef herd size of—												
1 to 9	4 118	54 593	30 620	3 281	42 862	27 247	1 018	20 817	15 990	1 610	11 731	3 372
10 to 19	5 712	120 001	63 032	4 464	92 042	54 663	1 354	37 538	27 982	2 282	27 959	8 369
20 to 49	10 338	400 072	220 305	8 391	312 353	193 695	3 003	145 500	110 534	3 837	87 719	26 610
50 to 99	4 747	390 118	228 470	4 048	321 708	206 513	1 715	171 705	130 762	1 582	68 410	21 957
100 to 199	1 556	233 454	140 124	1 370	197 334	128 082	611	100 666	77 608	512	36 120	12 042
200 to 499	310	103 498	63 247	268	85 656	58 558	129	50 649	37 674	89	17 842	4 689
500 to 999	19	10 066	6 326	17	9 066	5 912	4	2 295	1 737	4	1 000	414
1,000 to 2,499	9	49 342	38 490	9	47 886	38 122	5	21 197	16 911	3	1 456	368
2,500 or more	–	–	–	–	–	–	–	–	–	–	–	–
No beef cow herd as of Dec. 31, 1997	11 739	1 519 978	1 060 184	10 078	1 397 872	1 033 376	5 232	1 096 110	850 314	3 740	122 106	26 808

Table 29. **Milk Cow Herd Size by Inventory and Sales: 1997**

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

Milk cow herd	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	**4 208**	**499 750**	**4 208**	**248 183**	**4 208**	**222 142**	**3 867**	**160 548**	**3 263**	**91 019**
Farms with milk cow herd size of—										
1 to 9	488	18 824	488	8 251	488	1 691	386	5 005	382	5 568
10 to 19	396	16 094	396	(D)	396	5 610	349	5 011	319	(D)
20 to 49	1 465	119 653	1 465	58 040	1 465	49 704	1 360	36 138	1 147	25 475
50 to 99	1 418	206 178	1 418	100 448	1 418	93 962	1 360	69 822	1 080	35 908
100 to 199	353	89 827	353	45 575	353	43 405	335	28 689	271	15 563
200 to 499	80	40 683	80	21 963	80	21 369	71	14 178	60	4 542
500 to 999	6	(D)	6	(D)	6	(D)	6	1 705	4	(D)
1,000 or more	2	(D)	2	(D)	2	(D)	–	–	–	–
No milk cow herd as of Dec. 31, 1997	34 227	3 147 379	26 596	1 003 131	(X)	(X)	25 018	865 584	29 921	1 278 664

Milk cow herd	Cattle and calves sales							Dairy product sales	
	Total			Cattle		Calves			
	Farms	Number	Value ($1,000)	Farms	Number	Farms	Number	Farms	Value ($1,000)
Total	**4 144**	**178 678**	**82 345**	**3 227**	**110 906**	**2 493**	**67 772**	**3 841**	**403 626**
Farms with milk cow herd size of—									
1 to 9	427	11 592	6 487	333	8 482	207	3 110	121	(D)
10 to 19	396	7 421	3 499	311	4 860	237	2 561	396	7 706
20 to 49	1 465	51 686	24 720	1 137	34 555	872	17 131	1 465	84 096
50 to 99	1 416	63 846	29 285	1 098	39 125	899	24 721	1 418	177 151
100 to 199	353	28 033	12 632	285	16 719	213	11 314	353	81 674
200 to 499	80	12 939	5 048	59	6 170	58	6 769	80	42 822
500 to 999	6	(D)	(D)	3	(D)	6	(D)	6	7 732
1,000 or more	1	(D)	(D)	1	(D)	1	(D)	2	(D)
No milk cow herd as of Dec. 31, 1997	34 404	2 702 444	1 768 451	28 699	2 395 873	11 166	306 571	117	5 067

Table 30. **Cattle and Calves—Number Sold Per Farm by Sales: 1997**

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

Number sold	Cattle and calves			Cattle						Calves weighing less than 500 pounds		
				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	**38 548**	**2 881 122**	**1 850 796**	**31 926**	**2 506 779**	**1 746 167**	**13 071**	**1 646 477**	**1 269 513**	**13 659**	**374 343**	**104 629**
Farms by number of cattle and calves sold—												
1 to 9	7 696	40 143	19 753	6 009	28 153	16 131	1 914	8 135	5 924	2 687	11 990	3 623
10 to 19	7 787	108 022	51 892	6 019	74 364	41 867	1 846	21 315	15 564	3 180	33 658	10 025
20 to 49	12 313	381 624	190 355	10 118	276 570	159 854	3 718	95 918	71 398	4 812	105 054	30 501
50 to 99	5 816	392 464	216 943	5 121	305 677	191 395	2 391	136 125	104 002	2 006	86 787	25 548
100 to 199	2 651	353 456	218 194	2 480	302 533	203 777	1 483	172 429	132 347	669	50 923	14 417
200 to 499	1 487	444 564	303 000	1 404	402 956	292 116	1 070	294 429	228 587	237	41 608	10 884
500 to 999	439	297 109	216 909	427	284 661	214 126	356	228 411	177 878	34	12 448	2 783
1,000 to 2,499	276	404 295	291 822	268	381 620	286 879	222	307 059	239 222	30	22 675	4 944
2,500 or more	83	459 445	341 928	80	450 245	340 023	71	382 656	294 592	4	9 200	1 905

Table 31. **Hogs and Pigs—Inventory: 1997 and 1992**

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

Hogs and pigs	1997		1992	
	Farms	Number	Farms	Number
Total hogs and pigs	17 243	14 651 919	31 790	14 153 158
Farms with—				
1 to 24	1 258	13 913	2 436	29 246
25 to 49	730	26 304	1 802	64 338
50 to 99	1 172	82 752	3 055	214 661
100 to 199	2 040	285 614	5 145	712 717
200 to 499	4 653	1 489 517	9 952	3 151 343
500 to 999	3 635	2 512 320	6 074	4 090 477
1,000 to 1,999	2 223	2 987 209	2 537	3 280 688
2,000 to 4,999	1 224	3 456 610	692	1 865 665
5,000 or more	308	3 797 680	97	744 023
Hogs and pigs used or to be used for breeding	10 708	1 366 141	22 228	1 622 135
Farms with—				
1 to 24	2 565	32 755	6 062	79 225
25 to 49	2 064	72 924	5 217	182 889
50 to 99	2 659	181 049	5 904	398 110
100 to 199	1 993	258 522	3 626	464 583
200 to 499	1 015	287 335	1 175	312 160
500 or more	412	533 556	244	185 168
Other hogs and pigs	16 685	13 285 778	30 691	12 531 023
Farms with—				
1 to 24	1 160	12 094	2 382	26 313
25 to 49	696	25 017	1 721	62 008
50 to 99	1 306	93 517	3 182	226 553
100 to 199	2 095	296 405	5 399	752 924
200 to 499	4 683	1 497 493	9 841	3 101 230
500 to 999	3 425	2 358 569	5 509	3 704 385
1,000 or more	3 320	9 002 683	2 657	4 657 610

Table 32. **Hogs and Pigs—Sales: 1997 and 1992**

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

Hogs and pigs	1997			1992		
	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Total hogs and pigs sold	18 370	27 495 818	3 029 972	34 058	26 812 736	2 502 048
Farms with—						
1 to 24	998	11 952	1 464	1 541	19 807	2 021
25 to 49	639	22 905	2 670	1 438	51 735	5 134
50 to 99	1 073	76 786	9 059	2 402	170 519	16 720
100 to 199	1 734	241 988	28 276	3 999	566 801	55 172
200 to 499	3 755	1 222 563	144 369	8 511	2 730 178	265 596
500 to 999	3 758	2 655 532	315 115	7 784	5 438 930	528 058
1,000 to 1,999	3 270	4 428 403	525 230	5 575	7 412 410	718 248
2,000 to 4,999	2 146	6 304 474	734 615	2 406	6 679 336	624 433
5,000 or more	997	12 531 215	1 269 174	402	3 743 020	286 665
5,000 to 7,499	455	2 706 546	290 750	189	1 109 682	99 720
7,500 or more	542	9 824 669	978 425	213	2 633 338	186 944
Feeder pigs sold	2 344	4 476 541	178 272	7 114	4 959 491	188 232
Farms with—						
1 to 9	64	286	13	120	640	25
10 to 24	88	1 498	74	349	5 865	212
25 to 49	128	4 607	197	506	18 053	659
50 to 99	249	17 428	800	883	61 823	2 300
100 to 199	316	42 721	2 000	1 242	170 609	6 141
200 to 499	483	150 696	7 048	1 743	538 853	19 821
500 to 999	333	229 291	10 816	1 115	775 195	28 996
1,000 or more	683	4 030 014	157 324	1 156	3 388 453	130 079
1,000 to 1,999	274	363 681	16 337	658	868 735	33 386
2,000 or more	409	3 666 333	140 987	498	2 519 718	96 693
Hogs and pigs other than feeder pigs sold	17 848	23 019 277	2 851 700	32 587	21 853 245	2 313 816
Farms with—						
1 to 24	1 136	13 526	1 752	2 219	27 220	3 124
25 to 49	694	24 752	3 441	1 669	59 584	6 573
50 to 99	1 143	81 396	10 185	2 580	180 460	19 694
100 to 199	1 746	241 659	29 881	4 051	567 322	61 552
200 to 499	3 720	1 208 546	149 545	7 984	2 552 167	271 209
500 to 999	3 685	2 600 581	321 649	7 108	4 955 296	521 735
1,000 to 1,999	3 041	4 113 419	514 142	4 858	6 448 230	681 336
2,000 to 4,999	1 930	5 650 002	703 292	1 891	5 202 481	550 172
5,000 or more	753	9 085 396	1 117 811	227	1 860 485	198 420
5,000 to 7,499	362	2 153 949	257 622	137	802 530	84 984
7,500 or more	391	6 931 447	860 188	90	1 057 955	113 436

Table 33. **Hogs and Pigs—Litters Farrowed: 1997 and 1992**

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

Litters	1997		1992	
	Farms	Number of litters	Farms	Number of litters
Litters farrowed between Dec. 1 of preceding year and Nov. 30	11 231	2 167 455	23 447	2 633 914
Farms with—				
1 to 9	886	3 948	1 895	9 018
10 to 19	899	12 136	2 027	27 250
20 to 49	2 302	74 719	5 635	180 734
50 to 99	2 217	155 910	5 289	372 768
100 to 199	2 453	332 613	5 126	690 979
200 to 499	1 741	509 600	2 905	819 374
500 to 999	424	286 024	396	257 520
1,000 or more	309	792 505	174	276 271
Dec. 1 of preceding year and May 31	10 722	1 082 030	22 498	1 345 005
June 1 and Nov. 30	10 412	1 085 425	21 630	1 288 909

Table 34. **Hogs and Pigs Herd Size by Inventory and Sales: 1997**

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

Herd size	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	17 243	14 651 919	10 708	1 366 141	16 685	13 285 778	17 046	26 897 438	2 957 754	2 279	4 436 873	176 541
Farms with—												
1 to 24	1 258	13 913	571	4 411	998	9 502	1 073	89 668	10 020	133	11 917	540
25 to 49	730	26 304	404	6 776	635	19 528	730	107 872	11 984	80	11 665	549
50 to 99	1 172	82 752	730	14 562	1 105	68 190	1 171	229 026	25 744	134	32 108	1 319
100 to 199	2 040	285 614	1 332	43 489	1 976	242 125	2 040	683 122	73 313	261	122 994	4 788
200 to 499	4 653	1 489 517	2 951	165 497	4 606	1 324 020	4 651	2 857 708	313 389	598	455 389	19 422
500 to 999	3 635	2 512 320	2 423	253 606	3 620	2 258 714	3 629	4 521 523	511 305	451	554 634	22 558
1,000 to 1,999	2 223	2 987 209	1 434	280 265	2 213	2 706 944	2 220	5 508 992	598 683	339	933 817	36 912
2,000 to 4,999	1 224	3 456 610	680	262 935	1 224	3 193 675	1 224	6 481 435	685 344	218	1 254 807	52 432
5,000 or more	308	3 797 680	183	334 600	308	3 463 080	308	6 418 092	727 972	65	1 059 542	38 021
No hogs or pigs on Dec. 31, 1997	(X)	(X)	(X)	(X)	(X)	(X)	1 324	598 380	72 218	65	39 668	1 731

Table 35. **Hogs and Pigs—Inventory and Sales by Number Sold Per Farm: 1997**

[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	**17 046**	**14 642 521**	**10 664**	**1 362 581**	**16 511**	**13 279 940**	**18 370**	**27 495 818**	**3 029 972**	**2 344**	**4 476 541**	**178 272**
Farms with sales of—												
1 to 9	274	9 368	89	667	256	8 701	397	2 049	261	7	27	1
10 to 24	475	20 405	191	1 889	454	18 516	601	9 903	1 203	30	415	19
25 to 49	518	24 113	287	2 961	469	21 152	639	22 905	2 670	49	1 473	56
50 to 99	924	89 409	573	10 812	855	78 597	1 073	76 786	9 059	84	4 751	205
100 to 199	1 555	239 684	1 009	24 830	1 466	214 854	1 734	241 988	28 276	181	18 328	819
200 to 499	3 453	921 984	2 240	85 634	3 337	836 350	3 755	1 222 563	144 369	336	70 753	3 241
500 to 999	3 581	1 908 575	2 317	187 286	3 519	1 721 289	3 758	2 655 532	315 115	430	157 772	7 334
1,000 or more	6 266	11 428 983	3 958	1 048 502	6 155	10 380 481	6 413	23 264 092	2 529 019	1 227	4 223 022	166 596
1,000 to 1,999	3 175	2 690 920	2 095	233 852	3 137	2 457 068	3 270	4 428 403	525 230	516	344 065	15 615
2,000 to 4,999	2 105	3 478 177	1 277	283 139	2 054	3 195 038	2 146	6 304 474	734 615	411	650 134	28 045
5,000 to 7,499	450	1 289 382	242	96 640	440	1 192 742	455	2 706 546	290 750	116	433 200	17 060
7,500 or more	536	3 970 504	344	434 871	524	3 535 633	542	9 824 669	978 425	184	2 795 623	105 876
None sold	197	9 398	44	3 560	174	5 838	(X)	(X)	(X)	(X)	(X)	(X)

Table 36. **Hogs and Pigs—Inventory, Sales, and Litters by Total Litters Farrowed: 1997**

[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	11 037	9 258 791	10 694	1 352 812	10 487	7 905 979	11 187	17 627 867	1 855 614	2 315	4 356 953	172 687
Farms with—												
1 to 9	829	56 345	757	6 878	712	49 467	842	99 564	12 435	101	3 248	132
10 to 19	859	108 904	809	16 165	761	92 739	899	181 575	22 053	133	10 097	461
20 to 49	2 253	488 383	2 159	68 977	2 113	419 406	2 302	722 610	83 611	359	62 273	2 676
50 to 99	2 194	896 940	2 132	122 557	2 134	774 383	2 217	1 334 799	155 438	355	121 145	5 460
100 to 199	2 437	1 733 188	2 393	221 528	2 379	1 511 660	2 453	2 766 932	318 207	513	299 056	13 557
200 to 499	1 736	2 346 623	1 720	312 408	1 685	2 034 215	1 741	4 069 540	459 112	513	625 856	27 369
500 to 999	422	1 129 025	419	173 677	407	955 348	424	2 286 432	238 670	160	562 334	22 122
1,000 or more	307	2 499 383	305	430 622	296	2 068 761	309	6 166 415	566 088	181	2 672 944	100 909
No litters farrowed	6 206	5 393 128	14	13 329	6 198	5 379 799	7 183	9 867 951	1 174 358	29	119 588	5 585

Litters farrowed	Litters farrowed between Dec. 1, 1996, and Nov. 30, 1997					
	Total		Dec. 1, 1996, and May 31, 1997		June 1, 1997, and Nov. 30, 1997	
	Farms	Litters	Farms	Litters	Farms	Litters
Total litters farrowed	11 231	2 167 455	10 722	1 082 030	10 412	1 085 425
Farms with—						
1 to 9	886	3 948	709	2 100	604	1 848
10 to 19	899	12 136	772	6 494	721	5 642
20 to 49	2 302	74 719	2 184	39 401	2 095	35 318
50 to 99	2 217	155 910	2 177	79 591	2 139	76 319
100 to 199	2 453	332 613	2 421	168 650	2 395	163 963
200 to 499	1 741	509 600	1 732	253 746	1 728	255 854
500 to 999	424	286 024	422	143 196	421	142 828
1,000 or more	309	792 505	305	388 852	309	403 653

Table 37. **Sheep and Lambs—Inventory, Shorn, and Sales: 1997 and 1992**

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

Item	1997		1992	
	Farms	Number	Farms	Number
Sheep and lambs inventory	4 431	265 305	6 760	405 354
Farms with—				
1 to 24	2 073	26 260	3 125	40 077
25 to 99	1 856	85 091	2 871	131 769
100 to 299	394	61 071	610	93 553
300 to 999	82	40 179	118	53 977
1,000 to 2,499	21	31 974	27	37 973
2,500 to 4,999	4	(D)	7	(D)
5,000 or more	1	(D)	2	(D)
Ewes 1 year old or older	4 037	138 269	6 195	224 196
Sheep and lambs shorn	3 945	241 676	6 180	465 330
Pounds of wool	(X)	1 517 411	(X)	3 486 228
Sheep and lambs sold	4 536	319 349	7 043	592 575
Value of sales from sheep, lambs, and wool ($1,000)	4 598	30 214	7 141	38 861

Table 38. **Sheep and Lambs—Inventory, Shorn, and Sales by Size of Flock: 1997**

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

Sheep and lambs inventory	Sheep and lambs inventory				Sheep and lambs shorn			Sales			
	Total		Ewes 1 year old or older					Sheep and lambs		Sheep, lambs, and wool	
	Farms	Number	Farms	Number	Farms	Number	Pounds of wool	Farms	Number	Farms	Value ($1,000)
Total	**4 431**	**265 305**	**4 037**	**138 269**	**3 801**	**236 762**	**1 489 234**	**4 187**	**301 467**	**4 249**	**28 681**
Farms with inventory of—											
1 to 24	2 073	26 260	1 788	18 496	1 560	(D)	175 088	1 831	27 266	1 892	2 261
25 to 99	1 856	85 091	1 787	59 541	1 779	76 888	536 659	1 855	83 095	1 856	7 201
100 to 299	394	61 071	370	34 739	369	54 648	352 000	394	66 271	394	5 957
300 to 999	82	40 179	73	16 473	74	42 104	219 321	81	51 889	81	5 401
1,000 to 2,499	21	31 974	17	(D)	17	32 064	(D)	21	50 286	21	5 529
2,500 to 4,999	4	(D)	1	(D)	1	(D)	(D)	4	(D)	4	(D)
5,000 or more	1	(D)	1	(D)	1	(D)	(D)	1	(D)	1	(D)
No sheep and lambs as of Dec. 31, 1997	(X)	(X)	(X)	(X)	144	4 914	28 177	349	17 882	349	1 533

Table 39. **Ewes 1 Year Old or Older—Inventory, Shorn, and Sales by Size of Ewe Flock: 1997**

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

Ewes 1 year old or older inventory	Sheep and lambs inventory				Sheep and lambs shorn			Sales			
	Total		Ewes 1 year old or older					Sheep and lambs		Sheep, lambs, and wool	
	Farms	Number	Farms	Number	Farms	Number	Pounds of wool	Farms	Number	Farms	Value ($1,000)
Total	**4 037**	**234 865**	**4 037**	**138 269**	**3 750**	**233 190**	**1 473 493**	**3 875**	**256 237**	**3 929**	**24 383**
Farms with inventory of—											
1 to 24	2 400	53 715	2 400	29 259	2 116	50 801	337 098	2 239	55 725	2 293	5 129
25 to 99	1 401	96 490	1 401	62 436	1 399	96 499	627 502	1 401	99 763	1 401	9 295
100 to 199	173	43 959	173	21 686	173	42 147	256 960	173	47 213	173	4 496
200 to 499	53	25 112	53	14 521	52	26 233	141 998	52	36 092	52	3 606
500 to 999	8	(D)	8	(D)	8	(D)	(D)	8	(D)	8	(D)
1,000 to 2,499	1	(D)	1	(D)	1	(D)	(D)	1	(D)	1	(D)
2,500 to 4,999	1	(D)	1	(D)	1	(D)	(D)	1	(D)	1	(D)
5,000 or more	–	–	–	–	–	–	–	–	–	–	–
No ewes 1 year old or older as of Dec. 31, 1997	394	30 440	(X)	(X)	195	8 486	43 918	661	63 112	669	5 831

Table 40. **Other Livestock and Livestock Products—Inventory and Sales: 1997 and 1992**

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

Item		Inventory		Sales	
		1997	1992	1997	1992
Horses and ponies	farms	9 636	8 961	2 199	2 096
	number	60 421	47 681	9 605	9 457
	$1,000	(X)	(X)	13 849	9 518
Mules, burros, and donkeys	farms	741	620	113	97
	number	2 229	1 619	471	275
	$1,000	(X)	(X)	218	59
Colonies of bees	farms	367	475	14	31
	number	37 660	57 528	2 462	2 854
Honey sold	farms	(X)	(X)	175	251
	pounds	(X)	(X)	2 493 633	3 334 432
Bees and honey sold	farms	(X)	(X)	179	262
	$1,000	(X)	(X)	2 239	1 917
Goats	farms	955	974	379	345
	number	12 275	11 784	5 043	4 494
Angora goats	farms	71	90	22	32
	number	1 254	4 419	405	883
Mohair sold	farms	(X)	(X)	35	69
	pounds	(X)	(X)	7 040	36 238
Angora goats and mohair sold	farms	(X)	(X)	46	76
	$1,000	(X)	(X)	25	116
Milk goats	farms	266	295	92	87
	number	4 992	2 955	1 399	1 044
Goats milk sold	farms	(X)	(X)	64	48
	gallons	(X)	(X)	597 048	349 746
Milk goats and goats milk sold	farms	(X)	(X)	127	111
	$1,000	(X)	(X)	1 238	569
Other goats	farms	729	719	282	255
	number	6 029	4 410	3 239	2 567
	$1,000	(X)	(X)	132	99
Mink and their pelts	farms	18	31	18	37
	number	37 504	40 670	69 377	83 870
	$1,000	(X)	(X)	2 414	1 709
Rabbits and their pelts	farms	393	426	109	137
	number	7 325	10 269	14 735	23 967
	$1,000	(X)	(X)	97	147
Fish and other aquaculture products sold	farms	(X)	(X)	35	21
	$1,000	(X)	(X)	1 661	459
Other livestock and livestock products	farms	308	149	158	127
	$1,000	(X)	(X)	4 647	1 990

Table 41. **Specified Crops Harvested—Yield Per Acre Irrigated and Nonirrigated: 1997**

[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)	84	15 519	127.9	356	62 312	106 622	127.3	61 420	11 410 855	132.7
Corn for silage or green chop (tons, green)	6	142	12.2	4	200	75	13.6	8 395	241 132	16.5
Sorghum for grain or seed (bushels)	–	–	–	–	–	–	–	52	1 177	71.9
Wheat for grain (bushels)	–	–	–	–	–	–	–	719	22 123	40.9
Oats for grain (bushels)	2	(D)	(D)	–	–	–	–	10 821	(D)	(D)
Barley for grain (bushels)	–	–	–	–	–	–	–	245	4 807	54.1
Rice (cwt)	–	–	–	–	–	–	–	–	–	–
Soybeans for beans (bushels)	53	5 246	44.0	241	33 418	65 568	42.0	56 142	9 840 633	44.8
Peanuts for nuts (pounds)	–	–	–	–	–	–	–	–	–	–
Dry edible beans, excluding dry limas (cwt)	1	(D)	(D)	–	–	–	–	60	(D)	(D)
Cotton (bales)	–	–	–	–	–	–	–	–	–	–
Tobacco (pounds)	–	–	–	–	–	–	–	–	–	–
Potatoes, excluding sweetpotatoes (cwt)	19	750	238.8	–	–	–	–	90	718	163.9
Sugar beets for sugar (tons)	–	–	–	–	–	–	–	–	–	–
Sugarcane for sugar (tons)	–	–	–	–	–	–	–	–	–	–
Alfalfa hay (tons, dry)	38	540	2.7	27	373	1 114	3.7	31 100	1 080 877	3.1
Tame hay other than alfalfa, small grain, and wild hay (tons, dry) (see text)	12	(D)	(D)	3	(D)	(D)	(D)	8 129	263 548	1.9
Wild hay (tons, dry)	–	–	–	–	–	–	–	1 347	28 635	1.5
Vegetables harvested for sale (see text)	81	1 074	(X)	36	402	450	(X)	669	10 607	(X)
Land in orchards	14	71	(X)	5	48	16	(X)	429	2 482	(X)

Table 42. **Specified Crops by Acres Harvested: 1997 and 1992**

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

Crop	1997					1992				
				Irrigated land					Irrigated land	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Corn for grain or seed (bushels)	61 860	11 595 308	1 537 482 128	440	77 831	72 756	12 512 815	1 754 149 889	449	77 138
1 to 14 acres	3 579	28 539	3 110 183	5	21	4 207	33 668	3 797 808	15	98
15 to 24 acres	2 710	52 087	5 841 082	9	154	3 311	63 685	7 313 240	4	73
25 to 49 acres	6 911	249 151	30 679 909	15	422	8 579	310 039	38 835 448	20	682
50 to 99 acres	12 394	883 567	111 775 693	44	2 755	15 225	1 089 146	142 338 246	38	2 129
100 to 249 acres	20 600	3 298 728	432 035 747	101	10 002	25 233	4 033 249	554 470 441	105	12 193
250 to 499 acres	11 229	3 813 335	509 346 939	132	21 393	12 127	4 097 013	585 079 948	137	21 702
500 to 999 acres	3 866	2 472 862	336 199 094	102	26 512	3 664	2 334 990	342 264 020	104	28 637
1,000 acres or more	571	797 039	108 493 481	32	16 572	410	551 025	80 050 738	26	11 624
1,000 to 1,999 acres	517	643 726	88 077 117	27	12 063	375	459 324	67 362 037	21	8 886
2,000 to 2,999 acres	37	86 348	11 971 209	4	(D)	27	60 538	8 654 784	3	(D)
3,000 to 4,999 acres	15	(D)	(D)	1	(D)	7	(D)	(D)	2	(D)
5,000 acres or more	2	(D)	(D)	–	–	1	(D)	(D)	–	–
Corn for silage or green chop (tons, green)	8 405	241 549	3 993 158	10	342	9 575	260 770	4 096 921	10	290
1 to 14 acres	3 018	25 543	399 281	2	(D)	3 583	29 957	451 205	–	–
15 to 24 acres	2 258	41 523	668 516	2	(D)	2 506	45 987	713 650	4	75
25 to 49 acres	1 962	64 352	1 047 341	3	100	2 259	73 704	1 132 611	3	75
50 to 99 acres	777	48 082	807 446	3	180	848	51 964	805 606	3	140
100 to 249 acres	341	43 712	743 725	–	–	340	44 561	733 776	–	–
250 to 499 acres	42	13 527	247 540	–	–	32	10 320	183 425	–	–
500 to 999 acres	6	(D)	(D)	–	–	7	4 277	76 648	–	–
1,000 acres or more	1	(D)	(D)	–	–	–	–	–	–	–
Sorghum for grain or seed (bushels)	52	1 177	84 584	–	–	105	5 515	402 252	2	(D)
Sorghum for silage or green chop (tons, green)	121	1 953	23 532	–	–	538	10 799	155 315	6	691
Wheat for grain (bushels)	719	22 123	905 333	–	–	970	30 072	1 183 472	1	(D)
1 to 14 acres	261	2 177	91 632	–	–	351	2 932	109 875	–	–
15 to 24 acres	186	3 547	156 159	–	–	244	4 474	174 029	–	–
25 to 49 acres	159	5 181	225 741	–	–	222	7 326	302 428	–	–
50 to 99 acres	76	4 673	170 489	–	–	107	7 053	294 509	–	–
100 to 249 acres	28	3 659	138 672	–	–	37	5 272	202 746	1	(D)
250 to 499 acres	9	2 886	122 640	–	–	9	3 015	99 885	–	–
500 to 999 acres	–	–	–	–	–	–	–	–	–	–
1,000 acres or more	–	–	–	–	–	–	–	–	–	–
1,000 to 1,999 acres	–	–	–	–	–	–	–	–	–	–
2,000 to 2,999 acres	–	–	–	–	–	–	–	–	–	–
3,000 to 4,999 acres	–	–	–	–	–	–	–	–	–	–
5,000 acres or more	–	–	–	–	–	–	–	–	–	–
Oats for grain (bushels)	10 823	211 985	14 293 977	2	(D)	17 854	368 086	23 246 559	20	545
1 to 14 acres	5 042	43 566	2 968 698	1	(D)	7 688	68 109	4 402 719	6	(D)
15 to 24 acres	3 179	58 577	3 994 944	1	(D)	5 420	100 766	6 426 141	5	102
25 to 49 acres	1 971	63 359	4 286 676	–	–	3 689	120 089	7 599 648	7	198
50 to 99 acres	525	32 539	2 196 342	–	–	878	53 483	3 415 284	1	(D)
100 to 249 acres	101	12 558	784 163	–	–	165	21 093	1 175 294	1	(D)
250 to 499 acres	5	1 386	63 154	–	–	13	(D)	(D)	–	–
500 to 999 acres	–	–	–	–	–	1	(D)	(D)	–	–
1,000 acres or more	–	–	–	–	–	–	–	–	–	–
Popcorn (pounds, shelled)	188	12 368	34 717 102	8	521	372	13 539	42 525 538	11	831
1 to 14 acres	63	(D)	(D)	1	(D)	183	958	1 982 542	–	–
15 to 24 acres	15	299	830 160	–	–	41	(D)	(D)	1	(D)
25 to 49 acres	38	1 300	3 610 680	–	–	69	2 372	6 564 867	2	(D)
50 to 99 acres	31	2 133	6 315 495	1	(D)	45	2 961	10 071 141	4	270
100 to 249 acres	34	5 711	16 269 641	6	(D)	28	3 957	13 315 191	2	(D)
250 to 499 acres	6	1 999	4 747 240	–	–	5	2 015	7 151 226	2	(D)
500 acres or more	1	(D)	(D)	–	–	1	(D)	(D)	–	–
Soybeans for beans (bushels)	56 436	9 944 865	445 574 589	294	38 664	59 945	8 243 067	352 590 997	195	26 661
1 to 14 acres	2 775	23 878	976 590	6	42	3 497	31 102	1 186 882	9	(D)
15 to 24 acres	2 868	55 114	2 342 114	7	115	3 837	73 886	2 915 506	2	(D)
25 to 49 acres	7 398	267 034	11 692 419	16	425	9 333	335 191	13 693 857	18	594
50 to 99 acres	11 925	847 099	37 753 975	39	2 307	14 074	993 750	41 576 867	15	837
100 to 249 acres	18 358	2 939 190	131 647 279	78	6 967	19 906	3 131 413	132 762 056	65	6 936
250 to 499 acres	9 661	3 286 902	146 942 109	78	11 189	7 579	2 507 919	108 666 025	50	7 318
500 to 999 acres	3 035	1 939 183	87 664 917	56	12 964	1 577	983 175	43 482 595	30	7 977
1,000 acres or more	416	586 465	26 555 186	14	4 655	142	186 631	8 307 209	6	2 887
1,000 to 1,999 acres	376	465 184	21 198 586	12	(D)	134	162 676	7 195 214	6	2 887
2,000 to 2,999 acres	28	65 901	3 091 714	2	(D)	5	10 492	481 392	–	–
3,000 to 4,999 acres	10	(D)	(D)	–	–	2	(D)	(D)	–	–
5,000 acres or more	2	(D)	(D)	–	–	1	(D)	(D)	–	–
Potatoes, excluding sweetpotatoes (cwt)	109	1 468	296 675	19	750	136	1 653	328 097	33	962
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) (tons, dry)	37 711	1 575 777	4 365 999	85	1 372	44 768	1 762 425	5 107 237	131	1 906
1 to 14 acres	11 614	90 436	227 292	32	(D)	13 913	110 132	295 417	36	188
15 to 24 acres	6 820	127 573	328 585	14	207	8 364	156 646	439 964	20	210
25 to 49 acres	8 852	304 766	837 797	15	243	10 769	371 684	1 071 143	38	645
50 to 99 acres	6 570	437 967	1 260 913	16	332	7 828	520 594	1 555 098	18	371
100 to 249 acres	3 472	471 078	1 323 882	7	370	3 548	475 161	1 411 894	16	437
250 to 499 acres	334	105 321	284 337	1	(D)	304	97 191	252 314	2	(D)
500 to 999 acres	37	22 116	62 219	–	–	36	22 761	61 870	1	(D)
1,000 acres or more	12	16 520	40 974	–	–	6	8 256	19 537	–	–
1,000 to 1,999 acres	11	(D)	(D)	–	–	5	(D)	(D)	–	–
2,000 to 2,999 acres	1	(D)	(D)	–	–	1	(D)	(D)	–	–
3,000 to 4,999 acres	–	–	–	–	–	–	–	–	–	–
5,000 acres or more	–	–	–	–	–	–	–	–	–	–
Alfalfa hay (tons, dry)	31 165	1 082 904	3 406 219	65	913	40 321	1 367 935	4 315 698	106	1 488
1 to 14 acres	10 380	82 235	226 056	26	183	13 450	107 202	304 541	36	185
15 to 24 acres	6 302	117 680	338 160	15	236	8 152	152 403	459 251	16	208
25 to 49 acres	7 531	256 716	796 313	13	233	10 034	342 895	1 064 198	38	691
50 to 99 acres	4 784	310 011	1 015 606	6	111	6 194	401 893	1 329 660	13	309
100 to 249 acres	2 016	261 142	855 249	5	150	2 310	299 074	970 010	3	95
250 to 499 acres	136	42 993	136 092	–	–	166	51 315	151 833	–	–
500 to 999 acres	12	6 747	21 624	–	–	10	6 438	19 759	–	–
1,000 acres or more	4	5 380	17 119	–	–	5	6 715	16 446	–	–
1,000 to 1,999 acres	4	5 380	17 119	–	–	5	6 715	16 446	–	–
2,000 to 2,999 acres	–	–	–	–	–	–	–	–	–	–
3,000 to 4,999 acres	–	–	–	–	–	–	–	–	–	–
5,000 acres or more	–	–	–	–	–	–	–	–	–	–

Table 42. **Specified Crops by Acres Harvested: 1997 and 1992**—Con.

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

Crop	1997					1992				
				Irrigated land					Irrigated land	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) (tons, dry)—Con.										
Small grain hay (tons, dry)	4 850	86 879	174 853	8	56	5 404	95 274	180 139	8	96
Tame hay other than alfalfa, small grain, and wild hay (see text) (tons, dry)	8 144	264 017	499 901	15	403	5 560	165 338	327 747	11	109
Wild hay (tons, dry)	1 347	28 635	44 206	–	–	835	14 171	25 236	–	–
Grass silage, haylage, and green chop hay (tons, green)	2 691	113 342	722 417	–	–	3 051	119 707	775 271	9	213
1 to 14 acres	584	4 847	28 824	–	–	683	5 750	35 897	1	(D)
15 to 24 acres	530	9 960	64 547	–	–	615	11 517	74 725	1	(D)
25 to 49 acres	724	24 603	160 561	–	–	921	31 704	210 049	1	(D)
50 to 99 acres	615	39 959	249 010	–	–	621	39 380	255 762	5	168
100 to 249 acres	224	28 930	185 004	–	–	197	25 558	159 010	–	–
250 to 499 acres	12	(D)	(D)	–	–	10	3 025	17 730	1	(D)
500 to 999 acres	2	(D)	(D)	–	–	4	2 773	22 098	–	–
1,000 acres or more	–	–	–	–	–	–	–	–	–	–
Vegetables harvested for sale (see text)	786	12 533	(X)	117	1 476	905	14 849	(X)	163	2 083
0.1 to 0.9 acres	140	(D)	(X)	21	9	180	(D)	(X)	29	(D)
1.0 to 4.9 acres	337	736	(X)	38	84	385	844	(X)	57	96
5.0 to 14.9 acres	139	1 130	(X)	31	168	134	1 118	(X)	33	172
15.0 to 24.9 acres	41	738	(X)	6	84	34	624	(X)	15	154
25.0 to 49.9 acres	65	2 368	(X)	12	287	80	2 869	(X)	16	499
50.0 to 99.9 acres	34	2 448	(X)	6	387	61	4 208	(X)	6	370
100.0 to 249.9 acres	26	3 551	(X)	3	458	29	4 177	(X)	6	573
250.0 to 499.9 acres	3	856	(X)	–	–	1	(D)	(X)	1	(D)
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	–	–	(X)	–	–	–	–	(X)	–	–
1,000.0 to 1,999.9 acres	–	–	(X)	–	–	–	–	(X)	–	–
2,000.0 to 2,999.9 acres	–	–	(X)	–	–	–	–	(X)	–	–
3,000.0 acres or more	–	–	(X)	–	–	–	–	(X)	–	–
Sweet corn	535	8 278	(X)	53	427	637	9 485	(X)	63	389
Land in orchards	448	2 616	(X)	19	118	481	2 784	(X)	27	178
0.1 to 0.9 acres	95	(D)	(X)	7	3	102	(D)	(X)	4	1
1.0 to 4.9 acres	229	489	(X)	5	7	249	523	(X)	9	15
5.0 to 14.9 acres	79	597	(X)	4	30	85	633	(X)	11	96
15.0 to 24.9 acres	21	400	(X)	1	(D)	18	336	(X)	1	(D)
25.0 to 49.9 acres	19	597	(X)	2	(D)	21	663	(X)	2	(D)
50.0 to 99.9 acres	3	182	(X)	–	–	5	334	(X)	–	–
100.0 to 249.9 acres	2	(D)	(X)	–	–	–	–	(X)	–	–
250.0 to 499.9 acres	–	–	(X)	–	–	1	(D)	(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)	–	–
2,000.0 to 2,999.9 acres	–	–	(X)	–	–	–	–	(X)	–	–
3,000.0 acres or more	–	–	(X)	–	–	–	–	(X)	–	–

Table 43. **Specified Fruits and Nuts by Acres: 1997 and 1992**

[Not published for this State]

Table 44. **Nursery and Greenhouse Crops, Cut Christmas Trees Harvested, Mushrooms, and Sod Grown for Sale by Value of Sales: 1997 and 1992**

[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, cut Christmas trees harvested, mushrooms, and sod grown for sale (see text)	1997	289	7 590 138	615	9 737	819	73 208
	1992	321	5 855 432	278	5 749	518	57 854
1997 value of sales:							
$1 to $2,499 sales		24	14 424	200	737	219	254
$2,500 to $9,999 sales		41	99 466	164	1 441	195	987
$10,000 to $39,999 sales		88	364 892	138	1 457	200	3 994
$40,000 to $99,999 sales		56	1 059 750	52	1 114	93	5 824
$100,000 to $199,999 sales		30	653 736	28	653	45	6 202
$200,000 to $499,999 sales		25	1 066 402	17	1 628	36	10 609
$500,000 sales or more		25	4 331 468	16	2 707	31	45 338
1992 value of sales:							
$1 to $2,499 sales		42	18 972	77	102	107	113
$2,500 to $9,999 sales		55	100 886	66	243	112	627
$10,000 to $39,999 sales		103	670 282	59	511	142	3 086
$40,000 to $99,999 sales		44	565 836	31	710	63	4 074
$100,000 to $199,999 sales		33	835 552	17	454	37	4 928
$200,000 to $499,999 sales		25	1 096 716	18	1 115	35	11 674
$500,000 sales or more		19	2 567 188	10	2 614	22	33 353

Table 44. **Nursery and Greenhouse Crops, Cut Christmas Trees Harvested, Mushrooms, and Sod Grown for Sale by Value of Sales: 1997 and 1992**—Con.

[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, cut Christmas trees harvested, mushrooms, and sod grown for sale (see text)—Con.						
Floriculture crops—bedding/garden plants, cut flowers and cut florist greens, foliage and potted flowering plants, total ..... 1997..	239	6 975 991	100	142	295	47 546
1992..	276	5 261 423	69	68	311	33 545
1997 value of sales:						
$1 to $2,499 sales	19	10 786	36	13	53	47
$2,500 to $9,999 sales	37	91 232	20	21	47	237
$10,000 to $39,999 sales	73	576 605	18	28	83	1 617
$40,000 to $99,999 sales	49	711 358	12	21	50	3 125
$100,000 sales or more	61	5 586 010	14	60	62	42 519
1992 value of sales:						
$1 to $2,499 sales	39	24 083	35	14	66	67
$2,500 to $9,999 sales	47	90 934	9	5	53	273
$10,000 to $39,999 sales	91	525 822	9	21	93	2 076
$40,000 to $99,999 sales	41	569 588	5	13	41	2 774
$100,000 sales or more	58	4 050 996	11	16	58	28 355
Bedding/garden plants ..... 1997..	225	4 386 973	68	80	259	30 992
1992..	264	3 564 824	34	35	274	20 134
Cut flowers and cut florist greens ..... 1997..	11	32 164	27	40	37	367
1992..	8	74 500	35	26	41	386
Foliage plants ..... 1997..	24	340 294	10	13	28	719
1992..	43	219 299	4	(D)	46	1 801
Potted flowering plants ..... 1997..	70	2 216 560	14	10	79	15 468
1992..	76	1 402 800	6	(D)	80	11 225
Cut Christmas trees harvested ..... 1997..	(X)	(X)	290	1 112	290	2 655
Nursery crops ..... 1997..	13	253 682	181	2 266	188	13 089
1992..	33	359 969	167	3 054	181	17 821

Table 45. **Farms by Concentration of Market Value of Agricultural Products Sold: 1997**

[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	90 792	206	1 730	8 047	21 091
	percent	100.0	.2	1.9	8.9	23.2
Land in farms	acres	31 166 699	251 255	2 197 754	8 407 318	16 850 237
Average size of farm	acres	343	1 220	1 270	1 045	799
Estimated market value of land and buildings[1]	farms	90 786	206	1 730	6 490	19 064
	$1,000	51 438 152	672 009	4 399 168	13 590 804	27 590 736
Average per farm	dollars	566 587	3 262 182	2 542 872	2 094 115	1 447 269
Average per acre	dollars	1 697	2 675	2 002	1 906	1 834
Estimated market value of all machinery and equipment[1]	$1,000	7 318 851	93 940	536 506	1 705 313	3 765 898
	percent	100.0	1.3	7.3	23.3	51.5
Land in farms according to use:						
Total cropland	acres	26 821 844	199 892	1 997 705	7 714 652	15 398 477
Harvested cropland	acres	23 323 249	191 719	1 908 741	7 325 345	14 472 120
Pastureland, excluding woodland pastured	acres	3 441 825	21 717	125 973	487 774	1 108 283
Market value of agricultural products sold	$1,000	11 947 894	1 194 844	2 987 704	5 973 980	8 960 967
Average per farm	dollars	131 596	5 800 213	1 726 997	742 386	424 872
Grains	farms	64 058	109	1 380	7 188	19 434
	$1,000	6 011 171	47 451	522 332	2 064 617	3 994 831
Cotton and cottonseed	farms	–	–	–	–	–
	$1,000	–	–	–	–	–
Tobacco	farms	–	–	–	–	–
	$1,000	–	–	–	–	–
Hay, silage, and field seeds	farms	14 636	27	255	1 385	3 701
	$1,000	88 970	1 318	6 276	19 686	38 026
Vegetables, sweet corn, and melons	farms	776	–	12	56	162
	$1,000	8 568	–	95	2 128	4 275
Fruits, nuts, and berries	farms	323	–	3	15	35
	$1,000	3 627	–	(D)	726	1 423
Nursery and greenhouse crops	farms	819	6	18	59	115
	$1,000	73 208	20 102	35 996	50 339	58 821
Other crops	farms	115	–	1	7	26
	$1,000	1 725	–	(D)	1 044	1 503
Poultry and poultry products	farms	1 598	38	125	234	411
	$1,000	414 429	272 874	368 005	399 256	409 172
Dairy products	farms	3 958	1	62	427	1 550
	$1,000	408 694	(D)	38 122	123 439	275 809
Cattle and calves	farms	38 548	85	844	3 749	9 815
	$1,000	1 850 796	330 891	754 382	1 143 085	1 435 778
Hogs and pigs	farms	18 370	110	1 097	4 563	9 637
	$1,000	3 029 972	519 543	1 254 248	2 151 145	2 714 043
Sheep, lambs, and wool	farms	4 598	4	41	258	760
	$1,000	30 214	(D)	2 991	10 228	16 218
Other livestock and livestock products (see text)	farms	3 023	1	19	99	274
	$1,000	26 520	(D)	4 706	8 287	11 068
Total farm production expenses[1]	farms	90 786	206	1 730	6 490	19 064
	$1,000	8 405 838	951 129	2 306 966	4 008 794	5 845 317
Selected farm production expenses[1]:						
Livestock and poultry purchased	farms	30 572	184	1 487	4 686	10 771
	$1,000	1 260 448	260 924	642 466	936 163	1 086 130
Feed for livestock and poultry	farms	46 733	196	1 554	5 097	13 144
	$1,000	1 585 107	418 264	794 994	1 110 270	1 335 605
Commercial fertilizer	farms	65 626	116	1 405	5 831	17 819
	$1,000	636 785	5 456	53 384	178 112	374 404
Agricultural chemicals	farms	64 489	113	1 145	4 987	16 473
	$1,000	521 566	5 316	45 578	145 008	307 619
Petroleum products	farms	84 456	204	1 712	6 456	18 965
	$1,000	350 799	11 949	46 694	109 415	202 214
Electricity	farms	73 232	204	1 701	6 351	18 478
	$1,000	127 679	8 628	22 943	44 087	73 493
Hired farm labor	farms	33 016	189	1 535	5 258	12 788
	$1,000	316 779	61 736	134 067	216 401	268 489
Interest	farms	55 257	191	1 680	6 107	16 783
	$1,000	600 284	38 087	110 266	229 862	374 833
Payments from government programs	farms	67 795	121	1 344	6 951	18 547
	$1,000	536 924	6 536	36 743	140 684	280 104
Inventory of selected livestock:						
Cattle and calves	farms	38 435	82	814	3 619	9 546
	number	3 647 129	201 860	650 775	1 293 081	2 052 658
Milk cows	farms	4 208	1	61	428	1 537
	number	222 142	(D)	18 018	59 010	134 673
Hogs and pigs	farms	17 243	108	1 076	4 432	9 219
	number	14 651 919	2 041 491	5 080 239	9 495 644	12 513 990

[1]Data are based on a sample of farms.

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Table 46. **Summary by Tenure of Operator: 1997**

[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
FARMS AND LAND IN FARMS								
Farms ..... number	90 792	42 902	32 996	14 894	67 146	23 050	31 001	13 095
percent	100.0	47.3	36.3	16.4	74.0	25.4	34.1	14.4
Land in farms ..... acres	31 166 699	7 149 906	19 074 894	4 941 899	29 199 099	5 483 856	18 867 959	4 847 284
Average size of farm ..... acres	343	167	578	332	435	238	609	370
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms	90 792	42 902	32 996	14 894	67 146	23 050	31 001	13 095
$1,000	11 947 894	2 822 688	7 301 001	1 824 204	11 881 261	2 771 980	7 292 305	1 816 975
Average per farm ..... dollars	131 596	65 794	221 269	122 479	176 947	120 259	235 228	138 753
Farms by value of sales:								
Less than $1,000 (see text)	9 230	8 636	293	301	–	–	–	–
$1,000 to $2,499	3 961	3 264	339	358	–	–	–	–
$2,500 to $4,999	4 577	3 568	533	476	–	–	–	–
$5,000 to $9,999	5 878	4 384	830	664	–	–	–	–
$10,000 to $19,999	7 383	4 896	1 354	1 133	7 383	4 896	1 354	1 133
$20,000 to $24,999	3 124	1 855	637	632	3 124	1 855	637	632
$25,000 to $39,999	7 366	3 993	1 836	1 537	7 366	3 993	1 836	1 537
$40,000 to $49,999	4 082	1 890	1 226	966	4 082	1 890	1 226	966
$50,000 to $99,999	13 735	4 850	5 680	3 205	13 735	4 850	5 680	3 205
$100,000 to $249,999	19 119	3 780	11 458	3 881	19 119	3 780	11 458	3 881
$250,000 to $499,999	8 404	1 027	6 103	1 274	8 404	1 027	6 103	1 274
$500,000 to $999,999	2 858	478	2 019	361	2 858	478	2 019	361
$1,000,000 to $2,499,999	888	198	596	94	888	198	596	94
$2,500,000 to $4,999,999	120	44	65	11	120	44	65	11
$5,000,000 or more	67	39	27	1	67	39	27	1
Grains ..... farms	64 058	21 209	30 056	12 793	58 715	17 189	29 396	12 130
$1,000	6 011 171	859 741	4 027 955	1 123 474	5 991 009	844 870	4 025 621	1 120 518
Sales of $50,000 or more ..... farms	33 199	5 165	21 208	6 826	33 199	5 165	21 208	6 826
$1,000	5 378 196	582 194	3 815 907	980 094	5 378 196	582 194	3 815 907	980 094
Corn for grain ..... farms	56 466	17 119	27 608	11 739	53 276	14 759	27 185	11 332
$1,000	3 225 141	466 610	2 148 502	610 030	3 215 025	459 221	2 147 268	608 535
Wheat ..... farms	699	222	394	83	651	185	387	79
$1,000	2 936	941	1 647	348	2 867	(D)	1 637	(D)
Soybeans ..... farms	56 373	16 560	28 181	11 632	53 466	14 387	27 827	11 252
$1,000	2 765 812	388 381	1 867 544	509 887	2 756 149	381 180	1 866 505	508 464
Sorghum for grain ..... farms	32	12	15	5	31	12	14	5
$1,000	121	54	49	18	(D)	54	(D)	18
Barley ..... farms	76	26	31	19	70	20	31	19
$1,000	178	50	85	43	(D)	(D)	85	43
Oats ..... farms	5 638	1 698	2 917	1 023	5 328	1 468	2 869	991
$1,000	11 024	2 860	6 235	1 929	10 741	2 650	6 192	1 899
Other grains ..... farms	287	83	167	37	270	70	164	36
$1,000	5 960	846	3 894	1 220	5 940	(D)	(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	14 636	6 330	6 126	2 180	11 394	3 686	5 727	1 981
$1,000	88 970	29 379	46 444	13 147	82 236	23 854	45 672	12 711
Sales of $50,000 or more ..... farms	141	24	100	17	141	24	100	17
$1,000	12 260	2 168	8 831	1 261	12 260	2 168	8 831	1 261
Vegetables, sweet corn, and melons ..... farms	776	374	305	97	504	162	270	72
$1,000	8 568	2 006	5 348	1 213	8 039	1 620	5 256	1 164
Sales of $50,000 or more ..... farms	40	6	29	5	40	6	29	5
$1,000	4 133	572	3 129	432	4 133	572	3 129	432
Fruits, nuts, and berries ..... farms	323	230	79	14	174	108	56	10
$1,000	3 627	2 247	1 343	37	3 341	2 026	(D)	(D)
Sales of $50,000 or more ..... farms	19	12	7	–	19	12	7	–
$1,000	2 133	1 183	950	–	2 133	1 183	950	–
Nursery and greenhouse crops ..... farms	819	632	112	75	496	348	93	55
$1,000	73 208	48 255	18 350	6 603	72 281	47 442	18 312	6 528
Sales of $50,000 or more ..... farms	180	120	40	20	180	120	40	20
$1,000	66 888	43 338	17 666	5 885	66 888	43 338	17 666	5 885
Other crops ..... farms	115	62	34	19	82	35	32	15
$1,000	1 725	630	746	349	1 676	584	(D)	(D)
Sales of $50,000 or more ..... farms	9	3	5	1	9	3	5	1
$1,000	1 418	(D)	622	(D)	1 418	(D)	622	(D)
Poultry and poultry products ..... farms	1 598	942	451	205	1 046	501	381	164
$1,000	414 429	318 193	73 892	22 344	414 021	317 841	73 855	22 325
Sales of $50,000 or more ..... farms	282	151	96	35	282	151	96	35
$1,000	412 269	316 981	73 162	22 126	412 269	316 981	73 162	22 126
Dairy products ..... farms	3 958	1 441	1 770	747	3 926	1 416	1 766	744
$1,000	408 694	115 051	227 050	66 592	408 610	114 978	227 043	66 589
Sales of $50,000 or more ..... farms	2 635	786	1 376	473	2 635	786	1 376	473
$1,000	374 552	99 310	215 997	59 244	374 552	99 310	215 997	59 244
Cattle and calves ..... farms	38 548	16 507	16 497	5 544	31 130	10 884	15 464	4 782
$1,000	1 850 796	517 992	1 127 242	205 562	1 822 299	496 615	1 123 029	202 655
Sales of $50,000 or more ..... farms	5 736	1 280	3 708	748	5 736	1 280	3 708	748
$1,000	1 435 407	362 823	925 300	147 283	1 435 407	362 823	925 300	147 283

See footnotes at end of table.

Table 46. **Summary by Tenure of Operator: 1997**—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
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Hogs and pigs ..... farms..	18 370	5 911	9 428	3 031	17 516	5 211	9 352	2 953
$1,000..	3 029 972	902 021	1 749 187	378 764	3 027 440	899 933	1 748 987	378 520
Sales of $50,000 or more ..... farms..	10 657	2 714	6 278	1 665	10 657	2 714	6 278	1 665
$1,000..	2 879 196	847 960	1 680 155	351 080	2 879 196	847 960	1 680 155	351 080
Sheep, lambs, and wool ..... farms..	4 598	2 291	1 671	636	2 958	1 010	1 453	495
$1,000..	30 214	11 687	14 263	4 264	27 067	9 308	13 827	3 931
Sales of $50,000 or more ..... farms..	82	27	46	9	82	27	46	9
$1,000..	14 572	5 284	7 846	1 442	14 572	5 284	7 846	1 442
Other livestock and livestock products (see text) ..... farms..	3 023	1 954	797	272	1 484	725	579	180
$1,000..	26 520	15 485	9 181	1 855	23 241	12 909	8 659	1 673
Sales of $50,000 or more ..... farms..	76	53	15	8	76	53	15	8
$1,000..	14 178	7 348	6 028	802	14 178	7 348	6 028	802
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms..	2 174	1 072	795	307	1 450	525	680	245
$1,000..	7 475	3 703	3 052	721	6 480	2 963	2 869	647
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses ..... farms..	90 786	43 079	32 972	14 735	67 253	23 337	30 910	13 006
$1,000..	8 405 838	2 112 644	5 069 039	1 224 155	8 268 599	2 002 533	5 050 958	1 215 109
Average per farm ..... dollars..	92 590	49 041	153 738	83 078	122 948	85 809	163 409	93 427
Livestock and poultry purchased ..... farms..	30 572	11 947	13 992	4 633	26 425	8 699	13 426	4 300
$1,000..	1 260 448	369 382	745 576	145 491	1 251 288	362 582	744 234	144 472
Farms with expenses of—								
$1 to $4,999	13 379	6 450	5 113	1 816	9 590	3 495	4 585	1 510
$5,000 to $24,999	9 489	3 382	4 433	1 674	9 155	3 094	4 403	1 658
$25,000 to $99,999	5 333	1 520	2 922	891	5 309	1 515	2 914	880
$100,000 to $249,999	1 322	324	864	134	1 322	324	864	134
$250,000 or more	1 049	271	660	118	1 049	271	660	118
Feed for livestock and poultry ..... farms..	46 733	19 768	20 152	6 813	38 325	13 332	18 960	6 033
$1,000..	1 585 107	590 606	824 410	170 091	1 574 248	582 566	822 728	168 954
Farms with expenses of—								
$1 to $4,999	23 264	12 398	7 783	3 083	15 071	6 101	6 609	2 361
$5,000 to $24,999	12 922	4 405	6 343	2 174	12 707	4 266	6 325	2 116
$25,000 to $99,999	7 779	2 214	4 329	1 236	7 779	2 214	4 329	1 236
$100,000 to $249,999	1 809	389	1 198	222	1 809	389	1 198	222
$250,000 or more	959	362	499	98	959	362	499	98
Commercially mixed formula feeds ..... farms..	27 617	11 355	12 201	4 061	23 094	8 001	11 438	3 655
$1,000..	854 175	348 864	422 516	82 795	850 306	345 941	421 962	82 403
Farms with expenses of—								
$1 to $4,999	14 923	7 282	5 593	2 048	10 433	3 961	4 830	1 642
$5,000 to $24,999	7 904	2 656	3 896	1 352	7 871	2 623	3 896	1 352
$25,000 to $99,999	3 560	1 022	2 022	516	3 560	1 022	2 022	516
$100,000 or more	1 230	395	690	145	1 230	395	690	145
Seeds, bulbs, plants, and trees ..... farms..	68 732	24 612	31 065	13 055	61 508	19 026	30 133	12 349
$1,000..	488 961	85 596	314 293	89 072	485 782	83 236	313 848	88 698
Farms with expenses of—								
$1 to $999	12 228	8 586	2 257	1 385	5 629	3 457	1 383	789
$1,000 to $4,999	24 804	10 873	8 437	5 494	24 180	10 417	8 379	5 384
$5,000 to $24,999	28 798	4 927	18 069	5 802	28 797	4 926	18 069	5 802
$25,000 to $49,999	2 462	194	1 962	306	2 462	194	1 962	306
$50,000 or more	440	32	340	68	440	32	340	68
Commercial fertilizer ..... farms..	65 626	22 873	30 234	12 519	58 908	17 781	29 256	11 871
$1,000..	636 785	114 521	411 840	110 425	631 760	110 824	411 012	109 923
Farms with expenses of—								
$1 to $4,999	29 645	15 902	8 118	5 625	22 969	10 837	7 154	4 978
$5,000 to $24,999	30 385	6 429	17 832	6 124	30 343	6 402	17 818	6 123
$25,000 to $49,999	4 432	445	3 362	625	4 432	445	3 362	625
$50,000 or more	1 164	97	922	145	1 164	97	922	145
Agricultural chemicals ..... farms..	64 489	23 951	28 490	12 048	56 056	17 282	27 482	11 292
$1,000..	521 566	89 176	337 511	94 879	517 109	85 724	336 929	94 455
Farms with expenses of—								
$1 to $4,999	33 739	18 386	9 263	6 090	25 320	11 731	8 255	5 334
$5,000 to $24,999	26 795	5 238	16 155	5 402	26 781	5 224	16 155	5 402
$25,000 to $49,999	3 191	281	2 445	465	3 191	281	2 445	465
$50,000 or more	764	46	627	91	764	46	627	91
Petroleum products ..... farms..	84 456	37 450	32 591	14 415	66 224	22 558	30 714	12 952
$1,000..	350 799	85 456	207 710	57 633	341 493	78 128	206 505	56 860
Farms with expenses of—								
$1 to $4,999	61 749	33 294	17 865	10 590	43 518	18 403	15 988	9 127
$5,000 to $24,999	21 538	3 927	13 923	3 688	21 537	3 926	13 923	3 688
$25,000 to $49,999	966	175	670	121	966	175	670	121
$50,000 or more	203	54	133	16	203	54	133	16
Gasoline and gasohol ..... farms..	70 591	31 593	27 554	11 444	54 940	18 694	25 979	10 267
$1,000..	83 552	24 866	44 930	13 756	78 356	20 710	44 284	13 363
Diesel fuel ..... farms..	65 871	23 367	30 007	12 497	58 812	17 873	29 131	11 808
$1,000..	151 144	30 407	94 648	26 089	149 150	28 947	94 347	25 857
Natural gas ..... farms..	4 094	1 467	1 956	671	3 752	1 202	1 908	642
$1,000..	9 805	3 369	5 109	1 327	9 657	3 249	5 096	1 312
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	71 329	27 586	31 082	12 661	61 780	19 872	29 945	11 963
$1,000..	106 298	26 814	63 023	16 461	104 329	25 223	62 778	16 328

See footnotes at end of table.

Table 46. **Summary by Tenure of Operator: 1997**—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
FARM PRODUCTION EXPENSES[1]—Con.								
Total farm production expenses—Con.								
Electricity ..... farms..	73 232	31 619	30 227	11 386	60 006	20 623	28 799	10 584
$1,000..	127 679	41 098	68 691	17 890	122 461	36 855	68 014	17 593
Farms with expenses of—								
$1 to $999	36 803	20 761	10 489	5 553	24 592	10 574	9 200	4 818
$1,000 to $4,999	32 280	9 821	17 116	5 343	31 266	9 013	16 977	5 276
$5,000 to $24,999	3 929	933	2 520	476	3 928	932	2 520	476
$25,000 to $49,999	151	65	76	10	151	65	76	10
$50,000 or more	69	39	26	4	69	39	26	4
Hired farm labor ..... farms..	33 016	10 652	16 641	5 723	29 501	7 916	16 181	5 404
$1,000..	316 779	92 665	185 258	38 855	315 099	91 405	184 977	38 717
Farms with expenses of—								
$1 to $4,999	23 586	8 608	10 694	4 284	20 072	5 872	10 235	3 965
$5,000 to $24,999	6 689	1 356	4 270	1 063	6 689	1 356	4 270	1 063
$25,000 to $99,999	2 315	532	1 441	342	2 314	532	1 440	342
$100,000 to $249,999	328	111	192	25	328	111	192	25
$250,000 or more	98	45	44	9	98	45	44	9
Workers by days worked:								
150 days or more ..... farms..	10 990	3 373	5 985	1 632	10 182	2 706	5 919	1 557
workers..	20 517	6 737	11 117	2 663	19 665	6 031	11 046	2 588
Less than 150 days ..... farms..	29 661	9 834	14 570	5 257	26 163	7 110	14 115	4 938
workers..	73 630	24 518	37 404	11 708	67 141	19 513	36 442	11 186
Contract labor ..... farms..	6 152	2 256	2 977	919	5 192	1 479	2 829	884
$1,000..	24 905	9 315	12 787	2 804	24 207	8 749	12 667	2 791
Farms with expenses of—								
$1 to $999	2 512	1 181	947	384	1 786	593	844	349
$1,000 to $4,999	2 713	821	1 468	424	2 479	632	1 423	424
$5,000 to $24,999	812	209	502	101	812	209	502	101
$25,000 to $49,999	63	27	32	4	63	27	32	4
$50,000 or more	52	18	28	6	52	18	28	6
Repair and maintenance ..... farms..	78 128	33 541	31 690	12 897	62 496	20 708	30 056	11 732
$1,000..	504 525	128 703	300 328	75 495	484 715	112 794	297 572	74 349
Farms with expenses of—								
$1 to $4,999	46 146	26 019	12 488	7 639	31 118	13 640	10 972	6 506
$5,000 to $24,999	29 129	7 058	17 116	4 955	28 526	6 605	16 998	4 923
$25,000 to $49,999	2 300	352	1 710	238	2 299	351	1 710	238
$50,000 or more	553	112	376	65	553	112	376	65
Customwork, machine hire, and rental of machinery and equipment ..... farms..	43 788	16 723	19 413	7 652	37 494	11 897	18 537	7 060
$1,000..	168 101	51 505	90 097	26 499	164 332	48 660	89 527	26 145
Farms with expenses of—								
$1 to $999	15 486	7 640	5 338	2 508	10 211	3 558	4 660	1 993
$1,000 to $4,999	19 166	6 522	9 090	3 554	18 168	5 793	8 892	3 483
$5,000 to $24,999	8 471	2 323	4 648	1 500	8 450	2 308	4 648	1 494
$25,000 to $49,999	468	175	220	73	468	175	220	73
$50,000 or more	197	63	117	17	197	63	117	17
Interest ..... farms..	55 257	20 147	26 097	9 013	47 288	13 587	25 220	8 481
$1,000..	600 284	151 557	389 226	59 501	581 677	135 789	386 856	59 032
Farms with expenses of—								
$1 to $4,999	26 319	12 500	8 274	5 545	19 348	6 776	7 559	5 013
$5,000 to $24,999	23 038	6 438	13 528	3 072	22 040	5 602	13 366	3 072
$25,000 to $99,999	5 631	1 140	4 106	385	5 631	1 140	4 106	385
$100,000 or more	269	69	189	11	269	69	189	11
Secured by real estate ..... farms..	36 993	15 932	21 060	1	30 891	10 572	20 318	1
$1,000..	347 061	(D)	238 952	(D)	331 332	(D)	237 123	(D)
Farms with expenses of—								
$1 to $999	4 105	2 786	1 319	–	2 368	1 245	1 123	–
$1,000 to $4,999	13 186	6 849	6 337	–	9 652	3 753	5 899	–
$5,000 to $24,999	16 914	5 599	11 314	1	16 083	4 876	11 206	1
$25,000 to $49,999	2 216	564	1 652	–	2 216	564	1 652	–
$50,000 or more	572	134	438	–	572	134	438	–
Not secured by real estate ..... farms..	36 242	9 803	17 426	9 013	32 925	7 458	16 986	8 481
$1,000..	253 223	(D)	150 274	(D)	250 345	(D)	149 733	(D)
Farms with expenses of—								
$1 to $999	8 257	3 820	2 615	1 822	6 050	2 218	2 357	1 475
$1,000 to $4,999	14 030	3 974	6 333	3 723	12 944	3 238	6 168	3 538
$5,000 to $24,999	12 220	1 768	7 379	3 073	12 196	1 761	7 362	3 073
$25,000 to $49,999	1 249	159	820	270	1 249	159	820	270
$50,000 or more	486	82	279	125	486	82	279	125
Cash rent ..... farms..	36 892	–	26 437	10 455	34 801	–	25 259	9 542
$1,000..	866 955	–	640 409	226 547	864 539	–	639 220	225 319
Farms with expenses of—								
$1 to $4,999	9 782	–	6 987	2 795	7 723	–	5 821	1 902
$5,000 to $9,999	5 578	–	4 104	1 474	5 559	–	4 104	1 455
$10,000 to $24,999	10 588	–	7 392	3 196	10 575	–	7 380	3 195
$25,000 or more	10 944	–	7 954	2 990	10 944	–	7 954	2 990
Property taxes ..... farms..	79 236	42 952	32 936	3 348	57 349	23 326	30 907	3 116
$1,000..	242 120	113 064	123 065	5 990	214 050	87 196	121 016	5 839
Farms with expenses of—								
$1 to $4,999	65 405	37 220	25 158	3 027	44 032	18 092	23 145	2 795
$5,000 to $9,999	10 244	4 340	5 617	287	9 742	3 854	5 601	287
$10,000 to $24,999	3 273	1 277	1 962	34	3 261	1 265	1 962	34
$25,000 or more	314	115	199	–	314	115	199	–
All other farm production expenses ..... farms..	85 922	38 875	32 737	14 310	67 252	23 337	30 909	13 006
$1,000..	710 824	190 000	417 839	102 985	695 840	178 024	415 854	101 962
Farms with expenses of—								
$1 to $4,999	53 161	31 375	13 298	8 488	34 587	15 889	11 503	7 195
$5,000 to $24,999	27 377	6 551	15 666	5 160	27 281	6 499	15 633	5 149
$25,000 to $49,999	3 592	579	2 564	449	3 592	579	2 564	449
$50,000 to $99,999	1 297	232	905	160	1 297	232	905	160
$100,000 or more	495	138	304	53	495	138	304	53

See footnotes at end of table.

Table 46. **Summary by Tenure of Operator: 1997**—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
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)[1]								
All farms ..... number..	90 786	43 079	32 972	14 735	67 253	23 337	30 910	13 006
$1,000..	2 969 179	696 010	1 768 104	505 065	3 040 631	756 160	1 776 829	507 642
Average per farm ..... dollars..	32 705	16 157	53 624	34 277	45 212	32 402	57 484	39 031
Farms with net gains[2] ..... number..	60 033	22 332	25 964	11 737	54 873	18 421	25 458	10 994
Average net gain ..... dollars..	54 248	36 856	72 911	46 052	59 168	44 270	74 317	49 051
Gain of—								
Less than $1,000	2 958	1 946	538	474	1 053	494	396	163
$1,000 to $9,999	14 355	8 193	3 366	2 796	11 100	5 734	3 002	2 364
$10,000 to $49,999	23 955	8 501	10 358	5 096	23 955	8 501	10 358	5 096
$50,000 or more	18 765	3 692	11 702	3 371	18 765	3 692	11 702	3 371
Farms with net losses ..... number..	30 753	20 747	7 008	2 998	12 380	4 916	5 452	2 012
Average net loss ..... dollars..	9 348	6 125	17 831	11 825	16 648	12 069	21 119	15 720
Loss of—								
Less than $1,000	4 252	3 319	605	328	991	474	398	119
$1,000 to $9,999	19 376	14 376	3 327	1 673	5 943	2 753	2 242	948
$10,000 to $49,999	6 564	2 953	2 708	903	4 910	1 595	2 453	862
$50,000 or more	561	99	368	94	536	94	359	83
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME								
Government payments ..... farms..	67 795	28 488	28 367	10 940	54 471	16 573	27 513	10 385
$1,000..	536 924	158 554	306 258	72 112	471 002	97 156	303 028	70 818
Other farm-related income[1] ..... farms..	39 905	15 762	17 692	6 451	33 271	10 012	17 132	6 127
$1,000..	260 021	114 180	106 318	39 523	214 817	72 996	104 066	37 754
Customwork and other agricultural services ..... farms..	10 656	1 918	6 406	2 332	10 015	1 458	6 304	2 253
$1,000..	86 843	14 625	53 004	19 214	85 214	13 623	52 690	18 901
Gross cash rent or share payments ..... farms..	11 241	7 532	2 752	957	6 980	3 659	2 474	847
$1,000..	134 239	89 707	29 522	15 010	92 803	51 394	27 787	13 621
Forest products, excluding Christmas trees and maple products ..... farms..	774	519	238	17	473	248	208	17
$1,000..	4 037	2 191	1 748	97	2 774	1 105	1 572	97
Other farm-related income sources ..... farms..	28 494	9 458	14 086	4 950	25 827	7 231	13 822	4 774
$1,000..	34 902	7 655	22 044	5 202	34 026	6 873	22 018	5 135
COMMODITY CREDIT CORPORATION LOANS								
Total ..... farms..	12 999	2 193	7 870	2 936	12 819	2 067	7 847	2 905
$1,000..	508 209	42 930	377 298	87 981	507 923	42 771	377 260	87 892
Corn ..... farms..	11 532	1 917	6 998	2 617	11 395	1 820	6 978	2 597
$1,000..	313 831	27 277	232 772	53 782	313 657	27 196	232 738	53 723
Wheat ..... farms..	14	3	6	5	11	1	6	4
$1,000..	17	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Soybeans ..... farms..	6 070	817	3 954	1 299	6 020	783	3 949	1 288
$1,000..	194 281	15 623	144 491	34 167	194 176	15 551	144 488	34 137
Sorghum, barley, and oats ..... farms..	92	29	31	32	90	28	30	32
$1,000..	79	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Cotton ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Peanuts, rice, and tobacco ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
LAND IN FARMS ACCORDING TO USE								
Total cropland ..... farms..	83 375	36 582	32 652	14 141	64 374	20 733	30 861	12 780
acres..	26 821 844	5 370 623	16 914 407	4 536 814	25 709 148	4 429 424	16 800 297	4 479 427
Harvested cropland ..... farms..	74 951	28 983	32 231	13 737	63 256	19 888	30 699	12 669
acres..	23 323 249	3 802 650	15 287 056	4 233 543	23 075 749	3 620 133	15 247 333	4 208 283
Farms by acres harvested:								
1 to 49 acres	15 222	11 525	2 172	1 525	4 567	3 157	846	564
50 to 99 acres	8 807	5 204	1 973	1 630	7 898	4 566	1 797	1 535
100 to 199 acres	14 539	6 499	4 599	3 441	14 415	6 415	4 571	3 429
200 to 499 acres	21 216	4 594	11 985	4 637	21 209	4 589	11 983	4 637
500 to 999 acres	11 290	935	8 388	1 967	11 290	935	8 388	1 967
1,000 to 1,999 acres	3 429	209	2 749	471	3 429	209	2 749	471
2,000 acres or more	448	17	365	66	448	17	365	66
Cropland:								
Pasture or grazing only ..... farms..	28 797	13 016	12 235	3 546	22 196	7 725	11 376	3 095
acres..	2 001 198	685 877	1 103 938	211 383	1 744 036	489 257	1 062 097	192 682
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms..	12 494	6 533	4 767	1 194	8 498	2 855	4 525	1 118
acres..	672 119	404 263	231 464	36 392	389 146	141 453	216 521	31 172
On which all crops failed ..... farms..	1 188	467	532	189	962	287	507	168
acres..	41 542	13 860	20 705	6 977	33 651	7 944	19 691	6 016
In cultivated summer fallow ..... farms..	665	342	243	80	501	202	226	73
acres..	32 353	12 518	16 764	3 071	26 534	7 621	16 115	2 798
Idle ..... farms..	12 221	6 951	4 099	1 171	7 710	2 800	3 856	1 054
acres..	751 383	451 455	254 480	45 448	440 032	163 016	238 540	38 476
Total woodland ..... farms..	22 516	12 756	8 040	1 720	14 942	6 059	7 389	1 494
acres..	1 315 257	654 781	566 030	94 446	961 588	345 999	531 158	84 431
Woodland pastured ..... farms..	11 335	5 758	4 575	1 002	8 221	3 192	4 170	859
acres..	633 367	261 204	318 503	53 660	519 163	170 000	301 526	47 637
Woodland not pastured ..... farms..	15 072	8 861	5 216	995	9 633	3 912	4 832	889
acres..	681 890	393 577	247 527	40 786	442 425	175 999	229 632	36 794

See footnotes at end of table.

Table 46. **Summary by Tenure of Operator: 1997**—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
LAND IN FARMS ACCORDING TO USE—Con.								
Pastureland and rangeland other than cropland and woodland pastured ..... farms	18 756	9 310	7 236	2 210	13 032	4 653	6 626	1 753
acres	1 440 627	521 548	770 076	149 003	1 221 685	349 735	741 313	130 637
Land in house lots, ponds, roads, wasteland, etc. ..... farms	61 890	31 285	23 835	6 770	45 919	17 242	22 453	6 224
acres	1 588 971	602 954	824 381	161 636	1 306 678	358 698	795 191	152 789
Irrigated land ..... farms	957	418	403	136	813	306	385	122
acres	124 983	26 238	75 005	23 740	123 536	24 904	74 939	23 693
Harvested cropland irrigated ..... farms	930	397	398	135	805	303	381	121
acres	123 084	(D)	73 883	(D)	122 116	(D)	(D)	(D)
Pasture and other land irrigated ..... farms	35	22	12	1	15	3	11	1
acres	1 899	(D)	1 122	(D)	1 420	(D)	(D)	(D)
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms	24 137	14 171	8 309	1 657	14 427	5 049	7 870	1 508
acres	1 707 901	1 068 573	562 590	76 738	955 455	359 485	529 382	66 588
VALUE OF LAND AND BUILDINGS[1]								
Estimated market value of land and buildings ..... farms	90 786	43 079	32 972	14 735	67 253	23 337	30 910	13 006
$1,000	51 438 152	11 697 903	31 170 022	8 570 227	48 282 293	9 037 292	30 815 047	8 429 953
Average per farm ..... dollars	566 587	271 545	945 348	581 624	717 920	387 252	996 928	648 159
Average per acre ..... dollars	1 697	1 604	1 712	1 782	1 704	1 604	1 713	1 790
Farms by value group:								
$1 to $39,999	6 863	5 339	255	1 269	1 821	1 420	70	331
$40,000 to $69,999	6 204	5 012	546	646	2 215	1 581	208	426
$70,000 to $99,999	5 997	4 868	558	571	2 391	1 696	270	425
$100,000 to $149,999	8 505	6 235	1 254	1 016	4 483	2 824	823	836
$150,000 to $199,999	6 673	4 217	1 380	1 076	4 309	2 257	1 050	1 002
$200,000 to $499,999	24 213	11 464	8 394	4 355	20 409	8 194	8 006	4 209
$500,000 to $999,999	17 252	4 165	9 810	3 277	16 651	3 669	9 720	3 262
$1,000,000 to $1,999,999	10 795	1 329	7 549	1 917	10 708	1 262	7 538	1 908
$2,000,000 to $4,999,999	3 899	399	2 929	571	3 882	383	2 929	570
$5,000,000 or more	385	51	297	37	384	51	296	37
VALUE OF MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ..... farms	90 747	43 047	32 972	14 728	67 253	23 337	30 910	13 006
$1,000	7 318 851	1 932 010	4 167 592	1 219 249	6 829 857	1 527 786	4 123 864	1 178 207
Farms by value group:								
$1 to $4,999	5 590	4 363	610	617	1 486	908	289	289
$5,000 to $9,999	8 201	6 368	890	943	3 163	2 013	514	636
$10,000 to $19,999	13 192	9 247	2 212	1 733	6 748	3 968	1 584	1 196
$20,000 to $49,999	21 194	11 708	6 046	3 440	15 517	6 905	5 498	3 114
$50,000 to $99,999	17 049	5 810	7 742	3 497	15 502	4 553	7 598	3 351
$100,000 to $199,999	15 110	3 865	8 307	2 938	14 553	3 398	8 275	2 880
$200,000 to $499,999	9 363	1 522	6 373	1 468	9 243	1 434	6 361	1 448
$500,000 or more	1 048	164	792	92	1 041	158	791	92
SELECTED MACHINERY AND EQUIPMENT[1]								
Motortrucks, including pickups ..... farms	83 941	37 864	32 184	13 893	64 133	21 442	30 320	12 371
number	147 779	57 549	65 924	24 306	120 564	35 099	63 292	22 173
Wheel tractors ..... farms	84 736	39 763	31 547	13 426	63 539	21 842	29 671	12 026
number	255 019	97 924	115 700	41 395	213 657	63 060	112 089	38 508
Less than 40 horsepower (PTO) ..... farms	38 074	19 146	13 260	5 668	27 299	9 910	12 369	5 020
number	59 853	29 122	21 813	8 918	43 960	15 579	20 494	7 887
40 horsepower (PTO) or more ..... farms	76 722	33 565	30 449	12 708	60 555	20 107	28 892	11 556
number	195 166	68 802	93 887	32 477	169 697	47 481	91 595	30 621
40 to 99 horsepower (PTO) ..... farms	63 516	28 986	24 641	9 889	49 421	17 178	23 333	8 910
number	108 644	46 468	45 137	17 039	88 826	29 782	43 389	15 655
100 horsepower (PTO) or more ..... farms	49 966	15 757	24 825	9 384	45 184	11 828	24 351	9 005
number	86 522	22 334	48 750	15 438	80 871	17 699	48 206	14 966
Grain and bean combines ..... farms	42 979	11 858	22 871	8 250	40 597	10 112	22 574	7 911
number	46 717	12 646	25 134	8 937	44 148	10 735	24 822	8 591
Cotton pickers and strippers ..... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ..... farms	24 751	10 163	11 172	3 416	20 579	6 760	10 613	3 206
number	26 324	10 799	11 858	3 667	21 861	7 125	11 281	3 455
Pickup balers ..... farms	28 853	11 363	13 286	4 204	24 325	7 879	12 596	3 850
number	34 622	13 313	16 209	5 100	29 453	9 392	15 396	4 665
AGRICULTURAL CHEMICALS[1]								
Commercial fertilizer ..... farms	65 495	22 769	30 210	12 516	58 865	17 748	29 247	11 870
acres on which used	14 473 220	2 614 571	9 280 078	2 578 571	14 326 972	2 509 830	9 253 577	2 563 565
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms	24 957	7 928	12 681	4 348	23 511	6 929	12 423	4 159
acres on which used	3 241 067	753 641	1 991 528	495 898	3 219 231	739 639	1 986 735	492 857
Nematodes in crops ..... farms	1 426	548	580	298	1 333	487	575	271
acres on which used	175 517	46 293	87 576	41 648	174 389	45 464	87 556	41 369
Diseases in crops and orchards ..... farms	1 122	515	420	187	913	351	382	180
acres on which used	131 187	27 294	67 361	36 532	129 108	25 472	67 269	36 367
Weeds, grass, or brush in crops and pasture ..... farms	53 909	18 040	25 207	10 662	48 621	14 070	24 449	10 102
acres on which used	16 674 094	2 559 068	10 998 724	3 116 302	16 560 026	2 476 638	10 979 248	3 104 140
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms	43	21	21	1	29	7	21	1
acres on which used	1 594	(D)	1 295	(D)	1 571	(D)	1 295	(D)

See footnotes at end of table.

Table 46. **Summary by Tenure of Operator: 1997**—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
TENURE AND RACE OF OPERATOR								
All operators	90 792	42 902	32 996	14 894	67 146	23 050	31 001	13 095
Full owners	42 902	42 902	–	–	23 050	23 050	–	–
Part owners	32 996	–	32 996	–	31 001	–	31 001	–
Tenants	14 894	–	–	14 894	13 095	–	–	13 095
White	90 669	42 830	32 961	14 878	67 074	23 020	30 972	13 082
Full owners	42 830	42 830	–	–	23 020	23 020	–	–
Part owners	32 961	–	32 961	–	30 972	–	30 972	–
Tenants	14 878	–	–	14 878	13 082	–	–	13 082
Black and other races	123	72	35	16	72	30	29	13
Full owners	72	72	–	–	30	30	–	–
Part owners	35	–	35	–	29	–	29	–
Tenants	16	–	–	16	13	–	–	13
OWNED AND RENTED LAND								
Land owned farms	76 916	42 902	32 996	1 018	54 939	23 050	31 001	888
acres	16 795 890	9 011 254	7 580 006	204 630	14 119 187	6 492 517	7 441 755	184 915
Owned land in farms farms	75 898	42 902	32 996	–	54 051	23 050	31 001	–
acres	14 354 684	7 149 906	7 204 778	–	12 581 776	5 483 856	7 097 920	–
Land rented or leased from others farms	48 208	318	32 996	14 894	44 307	211	31 001	13 095
acres	16 988 397	45 773	11 921 023	5 021 601	16 768 340	33 464	11 814 657	4 920 219
landlords	120 737	513	87 636	32 588	115 200	330	84 676	30 194
Rented or leased land in farms farms	47 890	–	32 996	14 894	44 096	–	31 001	13 095
acres	16 812 015	–	11 870 116	4 941 899	16 617 323	–	11 770 039	4 847 284
Land rented or leased to others farms	16 229	11 676	3 226	1 327	9 427	5 388	2 887	1 152
acres	2 617 588	1 907 121	426 135	284 332	1 688 428	1 042 125	388 453	257 850
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	66 661	29 339	28 257	9 065	51 312	16 320	26 680	8 312
Not on farm operated	19 439	10 572	3 655	5 212	13 079	5 450	3 343	4 286
Not reported	4 692	2 991	1 084	617	2 755	1 280	978	497
Operators by principal occupation:								
Farming	56 256	20 277	26 420	9 559	50 050	14 976	25 946	9 128
Other	34 536	22 625	6 576	5 335	17 096	8 074	5 055	3 967
Operators by days worked off farm:								
None	40 767	17 110	17 899	5 758	34 369	11 317	17 590	5 462
Any	45 408	23 203	13 643	8 562	29 259	10 142	12 007	7 110
1 to 99 days	9 726	3 004	4 624	2 098	8 308	1 852	4 486	1 970
100 to 199 days	7 009	3 077	2 428	1 504	5 164	1 587	2 232	1 345
200 days or more	28 673	17 122	6 591	4 960	15 787	6 703	5 289	3 795
Not reported	4 617	2 589	1 454	574	3 518	1 591	1 404	523
Operators by years on present farm:								
2 years or less	3 505	1 748	654	1 103	2 211	837	534	840
3 or 4 years	4 287	2 225	823	1 239	2 646	975	675	996
5 to 9 years	10 433	5 259	2 666	2 508	6 857	2 363	2 291	2 203
10 years or more	60 710	26 605	25 828	8 277	47 948	15 585	24 713	7 650
Average years on present farm	22.3	23.2	23.9	16.4	23.3	25.6	24.4	17.0
Not reported	11 857	7 065	3 025	1 767	7 484	3 290	2 788	1 406
Operators by age group:								
Under 25 years	1 468	419	268	781	1 053	225	247	581
25 to 34 years	7 554	2 354	2 464	2 736	6 023	1 360	2 261	2 402
35 to 44 years	20 841	7 080	9 028	4 733	16 313	3 540	8 494	4 279
45 to 49 years	11 388	4 382	5 081	1 925	8 633	2 163	4 772	1 698
50 to 54 years	10 125	4 621	4 262	1 242	7 362	2 302	3 988	1 072
55 to 59 years	9 798	4 892	3 979	927	7 245	2 656	3 784	805
60 to 64 years	9 402	5 014	3 631	757	7 133	2 986	3 463	684
65 to 69 years	7 812	4 807	2 163	842	5 487	2 688	2 039	760
70 years and over	12 404	9 333	2 120	951	7 897	5 130	1 953	814
Average age	52.4	56.7	50.2	44.9	51.5	57.0	50.2	45.0
Operators by sex:								
Male	86 174	39 190	32 441	14 543	65 067	21 656	30 553	12 858
Female	4 618	3 712	555	351	2 079	1 394	448	237
Operators of Spanish, Hispanic, or Latino origin (see text)	343	142	143	58	272	86	132	54
FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) farms	75 880	36 454	27 609	11 817	54 684	18 643	25 779	10 262
acres	23 526 085	5 494 123	14 539 076	3 492 886	21 847 725	4 071 726	14 360 507	3 415 492
Partnership farms	8 231	3 834	2 503	1 894	6 545	2 459	2 372	1 714
acres	3 373 783	806 305	1 879 547	687 931	3 199 484	660 690	1 862 918	675 876
Corporation:								
Family held farms	5 733	1 912	2 769	1 052	5 314	1 544	2 744	1 026
acres	3 992 642	675 160	2 591 047	726 435	3 925 095	615 491	2 586 935	722 669
More than 10 stockholders farms	104	50	43	11	89	37	42	10
10 or less stockholders farms	5 629	1 862	2 726	1 041	5 225	1 507	2 702	1 016
Other than family held farms	395	298	46	51	294	211	44	39
acres	126 835	83 772	27 491	15 572	114 473	75 003	(D)	(D)
More than 10 stockholders farms	64	48	7	9	46	33	7	6
10 or less stockholders farms	331	250	39	42	248	178	37	33
Other—cooperative, estate or trust, institutional, etc. farms	553	404	69	80	309	193	62	54
acres	147 354	90 546	37 733	19 075	112 322	60 946	(D)	(D)

See footnotes at end of table.

Table 46. **Summary by Tenure of Operator: 1997**—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
INJURIES AND DEATHS								
Farm-related injuries:								
Operator and family members ..... farms..	1 131	354	592	185	992	253	566	173
number..	1 314	419	684	211	1 156	303	656	197
Hired workers ..... farms..	346	115	194	37	334	105	192	37
number..	604	267	290	47	581	(D)	(D)	47
Farm-related deaths:								
Operator and family members ..... farms..	30	18	12	–	23	11	12	–
number..	30	(D)	(D)	–	(D)	(D)	(D)	–
Hired workers ..... farms..	6	2	4	–	4	–	4	–
number..	6	(D)	(D)	–	(D)	–	(D)	–
FARMS BY SIZE								
1 to 9 acres	5 049	4 443	125	481	2 002	1 825	26	151
10 to 49 acres	11 580	9 121	1 067	1 392	2 638	1 884	287	467
50 to 69 acres	3 183	2 316	437	430	1 250	742	218	290
70 to 99 acres	6 718	4 811	800	1 107	3 714	2 204	556	954
100 to 139 acres	6 517	4 268	1 158	1 091	4 318	2 356	962	1 000
140 to 179 acres	8 107	4 743	1 682	1 682	6 373	3 202	1 545	1 626
180 to 219 acres	5 265	2 801	1 455	1 009	4 334	1 989	1 375	970
220 to 259 acres	5 093	2 378	1 675	1 040	4 520	1 880	1 613	1 027
260 to 499 acres	18 560	5 509	9 486	3 565	17 494	4 628	9 346	3 520
500 to 999 acres	14 833	2 026	10 451	2 356	14 637	1 867	10 419	2 351
1,000 to 1,999 acres	5 114	425	4 041	648	5 096	413	4 036	647
2,000 acres or more	773	61	619	93	770	60	618	92
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	53 656	21 501	21 723	10 432	43 338	12 382	21 190	9 766
Vegetable and melon farming (1112)	255	165	52	38	81	33	29	19
Fruit and tree nut farming (1113)	203	179	17	7	46	40	6	–
Greenhouse, nursery, and floriculture production (1114)	641	527	58	56	365	284	45	36
Other crop farming (1119)	3 871	2 589	952	330	1 671	710	739	222
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	3 871	2 589	952	330	1 671	710	739	222
Beef cattle ranching and farming (112111)	11 392	7 466	2 693	1 233	5 431	2 936	1 904	591
Cattle feedlots (112112)	3 914	1 955	1 481	478	3 128	1 335	1 393	400
Dairy cattle and milk production (11212)	2 675	1 038	1 143	494	2 654	1 019	1 141	494
Hog and pig farming (1122)	9 388	4 066	3 910	1 412	8 827	3 592	3 879	1 356
Poultry and egg production (1123)	448	330	80	38	265	161	75	29
Sheep and goat farming (1124)	1 251	968	165	118	185	111	46	28
Animal aquaculture and other animal production (1125, 1129)	3 098	2 118	722	258	1 155	447	554	154
LIVESTOCK								
Cattle and calves inventory ..... farms..	38 435	16 625	16 319	5 491	30 503	10 594	15 219	4 690
number..	3 647 129	1 053 452	2 122 840	470 837	3 483 198	935 662	2 094 527	453 009
Farms with—								
1 to 9	3 947	2 629	814	504	1 460	616	571	273
10 to 49	15 149	8 099	4 860	2 190	10 257	4 458	4 118	1 681
50 to 99	8 960	3 386	4 164	1 410	8 462	3 038	4 066	1 358
100 to 199	6 468	1 755	3 770	943	6 417	1 728	3 754	935
200 to 499	3 085	609	2 125	351	3 081	607	2 124	350
500 or more	826	147	586	93	826	147	586	93
Cows and heifers that had calved ..... farms..	30 804	13 118	13 304	4 382	24 608	8 531	12 360	3 717
number..	1 251 314	391 444	696 551	163 319	1 169 719	333 272	682 214	154 233
Beef cows ..... farms..	27 452	11 811	11 906	3 735	21 355	7 310	10 969	3 076
number..	1 029 172	327 358	575 307	126 507	948 135	269 633	561 035	117 467
Farms with—								
1 to 9	4 760	2 874	1 222	664	2 095	847	882	366
10 to 49	16 051	7 240	6 508	2 303	12 698	4 818	5 926	1 954
50 to 99	4 747	1 294	2 866	587	4 674	1 246	2 852	576
100 to 199	1 556	336	1 071	149	1 551	332	1 070	149
200 to 499	310	58	222	30	309	58	222	29
500 or more	28	9	17	2	28	9	17	2
Milk cows ..... farms..	4 208	1 620	1 821	767	4 016	1 468	1 796	752
number..	222 142	64 086	121 244	36 812	221 584	63 639	121 179	36 766
Farms with—								
1 to 4	332	200	93	39	182	83	71	28
5 to 9	156	103	28	25	116	70	25	21
10 to 49	1 861	792	684	385	1 859	790	684	385
50 to 99	1 418	435	715	268	1 418	435	715	268
100 to 199	353	79	232	42	353	79	232	42
200 to 499	80	11	61	8	80	11	61	8
500 or more	8	–	8	–	8	–	8	–
Heifers and heifer calves ..... farms..	28 885	12 032	12 667	4 186	23 326	7 890	11 827	3 609
number..	1 026 132	294 729	596 682	134 721	988 644	267 732	590 181	130 731
Steers, steer calves, bulls, and bull calves ..... farms..	33 184	13 906	14 564	4 714	26 719	9 041	13 623	4 055
number..	1 369 683	367 279	829 607	172 797	1 324 835	334 658	822 132	168 045

See footnotes at end of table.

Table 46. **Summary by Tenure of Operator: 1997**—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
LIVESTOCK—Con.								
Cattle and calves sold ..... farms..	38 548	16 507	16 497	5 544	31 130	10 884	15 464	4 782
number..	2 881 122	852 394	1 692 572	336 156	2 808 143	797 978	1 681 541	328 624
$1,000..	1 850 796	517 992	1 127 242	205 562	1 822 299	496 615	1 123 029	202 655
Calves ..... farms..	13 659	6 541	5 073	2 045	10 211	3 961	4 570	1 680
number..	374 343	140 022	174 236	60 085	340 959	115 416	169 022	56 521
$1,000..	104 629	39 066	50 179	15 384	95 331	32 145	48 744	14 442
Cattle ..... farms..	31 926	13 174	14 212	4 540	26 545	9 112	13 442	3 991
number..	2 506 779	712 372	1 518 336	276 071	2 467 184	682 562	1 512 519	272 103
$1,000..	1 746 167	478 926	1 077 063	190 178	1 726 968	464 469	1 074 285	188 214
Fattened on grain and concentrates .... farms..	13 071	4 346	6 743	1 982	11 918	3 464	6 584	1 870
number..	1 646 477	411 157	1 055 085	180 235	1 641 320	407 225	1 054 441	179 654
$1,000..	1 269 513	310 843	819 891	138 779	1 265 985	308 138	819 464	138 383
Hogs and pigs inventory ..... farms..	17 243	5 487	8 920	2 836	16 440	4 837	8 841	2 762
number..	14 651 919	4 265 830	8 479 012	1 907 077	14 619 553	4 243 239	8 477 350	1 898 964
Farms with—								
1 to 24	1 258	732	344	182	746	315	294	137
25 to 49	730	372	242	116	557	237	219	101
50 to 99	1 172	504	463	205	1 094	440	457	197
100 to 199	2 040	713	950	377	2 020	696	950	374
200 to 499	4 653	1 319	2 472	862	4 640	1 306	2 472	862
500 or more	7 390	1 847	4 449	1 094	7 383	1 843	4 449	1 091
Used or to be used for breeding ..... farms..	10 708	3 250	5 706	1 752	10 335	2 952	5 669	1 714
number..	1 366 141	452 670	744 135	169 336	1 359 667	446 925	743 809	168 933
Other ..... farms..	16 685	5 228	8 715	2 742	15 973	4 652	8 645	2 676
number..	13 285 778	3 813 160	7 734 877	1 737 741	13 259 886	3 796 314	7 733 541	1 730 031
Hogs and pigs sold..... farms..	18 370	5 911	9 428	3 031	17 516	5 211	9 352	2 953
number..	27 495 818	9 012 986	14 964 247	3 518 585	27 468 666	8 990 876	14 961 878	3 515 912
$1,000..	3 029 972	902 021	1 749 187	378 764	3 027 440	899 933	1 748 987	378 520
Feeder pigs ..... farms..	2 344	840	1 122	382	2 235	752	1 107	376
number..	4 476 541	2 514 929	1 363 241	598 371	4 469 004	2 509 045	1 362 266	597 693
$1,000..	178 272	99 734	55 107	23 431	177 981	99 510	55 066	23 406
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 .... farms..	11 231	3 438	5 966	1 827	10 819	3 106	5 928	1 785
number..	2 167 455	720 434	1 171 567	275 454	2 164 006	717 683	1 171 257	275 066
Dec. 1 and May 31..... farms..	10 722	3 221	5 757	1 744	10 386	2 952	5 723	1 711
number..	1 082 030	358 443	585 718	137 869	1 080 285	357 057	585 541	137 687
June 1 and Nov. 30 ..... farms..	10 412	3 085	5 621	1 706	10 110	2 843	5 592	1 675
number..	1 085 425	361 991	585 849	137 585	1 083 721	360 626	585 716	137 379
Sheep and lambs of all ages inventory..... farms..	4 431	2 213	1 602	616	2 838	979	1 385	474
number..	265 305	114 651	110 775	39 879	220 520	81 450	103 694	35 376
Ewes 1 year old or older ..... farms..	4 037	1 994	1 487	556	2 581	869	1 282	430
number..	138 269	56 648	59 431	22 190	108 247	34 394	54 759	19 094
Sheep and lambs sold..... farms..	4 536	2 255	1 650	631	2 937	1 005	1 439	493
number..	319 349	126 485	144 351	48 513	280 163	96 650	138 968	44 545
Sheep and lambs shorn ..... farms..	3 945	1 919	1 472	554	2 550	849	1 269	432
number..	241 676	95 309	109 457	36 910	204 357	67 983	103 470	32 904
pounds of wool..	1 517 411	624 169	666 079	227 163	1 261 575	434 996	626 988	199 591
Horses and ponies inventory ..... farms..	9 636	5 341	3 206	1 089	5 404	1 930	2 619	855
number..	60 421	35 431	19 243	5 747	32 703	13 686	14 778	4 239
Horses and ponies sold..... farms..	2 199	1 375	623	201	1 076	486	456	134
number..	9 605	5 456	3 162	987	6 409	2 953	2 661	795
Goats inventory ..... farms..	955	628	244	83	408	195	162	51
number..	12 275	8 706	2 931	638	8 119	5 422	2 232	465
Goats sold ..... farms..	379	252	93	34	163	82	58	23
number..	5 043	2 748	1 770	525	3 316	1 369	1 478	469
POULTRY								
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	1 892	1 194	489	209	1 095	555	382	158
number..	24 876 834	21 480 076	1 942 756	1 454 002	24 848 033	21 456 357	1 939 586	1 452 090
Farms with—								
1 to 399	1 714	1 091	434	189	923	456	328	139
400 to 3,199	40	23	12	5	34	19	11	4
3,200 to 9,999.....	31	14	13	4	31	14	13	4
10,000 to 19,999	22	9	13	–	22	9	13	–
20,000 to 49,999	20	10	6	4	20	10	6	4
50,000 to 99,999	19	15	4	–	19	15	4	–
100,000 or more	46	32	7	7	46	32	7	7
Layers 20 weeks old and older ..... farms..	1 831	1 160	473	198	1 059	539	370	150
number..	21 509 521	19 276 433	1 569 142	663 946	21 485 530	19 256 574	1 566 288	662 668
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	306	194	77	35	182	98	60	24
number..	3 367 313	2 203 643	373 614	790 056	3 362 503	2 199 783	373 298	789 422
Layers, pullets, and pullet chicks sold (see text)..... farms..	308	187	86	35	247	138	77	32
number..	18 534 679	13 901 179	1 663 101	2 970 399	18 531 287	13 898 723	1 662 612	2 969 952
Broilers and other meat-type chickens sold .. farms..	519	259	173	87	325	106	149	70
number..	6 852 810	1 540 193	4 507 225	805 392	6 804 178	1 497 971	4 502 816	803 391
Farms with—								
1 to 1,999.....	466	243	146	77	275	93	122	60
2,000 to 59,999.....	24	10	10	4	21	7	10	4
60,000 to 99,999	6	–	2	4	6	–	2	4
100,000 or more	23	6	15	2	23	6	15	2
Turkey hens kept for breeding ..... farms..	132	84	33	15	57	30	21	6
number..	25 726	22 398	(D)	(D)	25 431	22 168	(D)	(D)
Turkeys sold ..... farms..	206	112	64	30	151	68	57	26
number..	7 279 601	3 185 934	3 665 636	428 031	7 277 194	3 183 660	3 665 514	428 020

See footnotes at end of table.

Table 46. **Summary by Tenure of Operator: 1997**—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
SELECTED CROPS HARVESTED								
Corn for grain or seed ..... farms..	61 860	19 359	30 018	12 483	58 151	16 624	29 483	12 044
acres..	11 595 308	1 796 692	7 667 555	2 131 061	11 541 650	1 758 273	7 660 081	2 123 296
bushels..	1 537 482 128	231 556 033	1 023 661 603	282 264 492	1 531 965 764	227 611 966	1 022 915 151	281 438 647
Irrigated ..... farms..	440	102	262	76	431	94	262	75
acres..	77 831	15 123	47 668	15 040	77 579	(D)	47 668	(D)
Farms by acres harvested:								
1 to 24 acres	6 289	4 201	1 327	761	3 131	1 835	871	425
25 to 99 acres	19 305	9 126	5 719	4 460	18 761	8 762	5 642	4 357
100 to 249 acres	20 600	4 731	11 232	4 637	20 593	4 726	11 230	4 637
250 to 499 acres	11 229	1 008	8 212	2 009	11 229	1 008	8 212	2 009
500 acres or more	4 437	293	3 528	616	4 437	293	3 528	616
Corn for silage or green chop ..... farms..	8 405	2 204	4 811	1 390	8 237	2 102	4 760	1 375
acres..	241 549	55 738	152 357	33 454	239 445	54 388	151 805	33 252
tons, green..	3 993 158	906 189	2 525 952	561 017	3 963 117	886 812	2 518 772	557 533
Irrigated ..... farms..	10	3	6	1	10	3	6	1
acres..	342	(D)	248	(D)	342	(D)	248	(D)
Farms by acres harvested:								
1 to 24 acres	5 276	1 506	2 789	981	5 126	1 416	2 742	968
25 to 99 acres	2 739	622	1 750	367	2 722	611	1 746	365
100 to 249 acres	341	64	238	39	340	63	238	39
250 to 499 acres	42	11	28	3	42	11	28	3
500 acres or more	7	1	6	–	7	1	6	–
Wheat for grain ..... farms..	719	235	399	85	666	194	391	81
acres..	22 123	7 330	12 231	2 562	21 289	6 741	12 120	2 428
bushels..	905 333	288 218	511 307	105 808	882 060	271 006	507 897	103 157
Irrigated ..... farms..	–	–	–	–	–	–	–	–
acres..	–	–	–	–	–	–	–	–
Farms by acres harvested:								
1 to 24 acres	447	164	235	48	406	130	230	46
25 to 99 acres	235	60	141	34	223	53	138	32
100 to 249 acres	28	5	21	2	28	5	21	2
250 to 499 acres	9	6	2	1	9	6	2	1
500 acres or more	–	–	–	–	–	–	–	–
Oats for grain ..... farms..	10 823	3 590	5 462	1 771	10 234	3 159	5 352	1 723
acres..	211 985	63 859	114 868	33 258	205 974	59 376	113 941	32 657
bushels..	14 293 977	4 056 525	8 011 166	2 226 286	13 982 570	3 828 782	7 958 504	2 195 284
Irrigated ..... farms..	2	1	1	–	2	1	1	–
acres..	(D)	(D)	(D)	–	(D)	(D)	(D)	–
Farms by acres harvested:								
1 to 24 acres	8 221	2 834	4 001	1 386	7 670	2 432	3 895	1 343
25 to 99 acres	2 496	737	1 396	363	2 459	708	1 392	359
100 to 249 acres	101	18	62	21	100	18	62	20
250 to 499 acres	5	1	3	1	5	1	3	1
500 acres or more	–	–	–	–	–	–	–	–
Soybeans for beans ..... farms..	56 436	16 605	28 192	11 639	53 487	14 399	27 832	11 256
acres..	9 944 865	1 423 206	6 649 993	1 871 666	9 895 952	1 386 917	6 644 527	1 864 508
bushels..	445 574 589	62 833 193	299 843 128	82 898 268	443 766 784	61 488 959	299 644 805	82 633 020
Irrigated ..... farms..	294	83	163	48	284	74	162	48
acres..	38 664	7 929	23 239	7 496	38 401	(D)	(D)	7 496
Farms by acres harvested:								
1 to 24 acres	5 643	3 571	1 262	810	3 312	1 817	968	527
25 to 99 acres	19 323	8 564	6 301	4 458	18 708	8 115	6 235	4 358
100 to 249 acres	18 358	3 489	10 705	4 164	18 356	3 487	10 705	4 164
250 to 499 acres	9 661	800	7 155	1 706	9 660	799	7 155	1 706
500 acres or more	3 451	181	2 769	501	3 451	181	2 769	501
Potatoes, excluding sweetpotatoes ..... farms..	109	55	32	22	76	33	30	13
acres..	1 468	(D)	762	(D)	1 454	462	(D)	(D)
cwt..	296 675	(D)	127 975	(D)	294 075	107 821	(D)	(D)
Irrigated ..... farms..	19	9	7	3	16	9	6	1
acres..	750	(D)	213	(D)	748	(D)	(D)	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ... farms..	37 711	15 867	16 632	5 212	30 341	10 128	15 496	4 717
acres..	1 575 777	515 852	855 643	204 282	1 438 060	413 675	829 753	194 632
tons, dry..	4 365 999	1 317 134	2 467 178	581 687	4 100 924	1 121 334	2 417 343	562 247
Irrigated ..... farms..	85	48	31	6	57	22	30	5
acres..	1 372	734	552	86	1 068	442	(D)	(D)
Farms by acres harvested:								
1 to 24 acres	18 434	9 057	6 781	2 596	12 872	4 607	6 031	2 234
25 to 99 acres	15 422	5 850	7 425	2 147	13 696	4 619	7 057	2 020
100 to 249 acres	3 472	891	2 151	430	3 391	833	2 134	424
250 to 499 acres	334	62	238	34	333	62	237	34
500 acres or more	49	7	37	5	49	7	37	5
Alfalfa hay ..... farms..	31 165	12 491	14 273	4 401	26 009	8 563	13 415	4 031
acres..	1 082 904	348 734	593 081	141 089	1 005 026	291 894	578 289	134 843
tons, dry..	3 406 219	1 012 748	1 935 107	458 364	3 231 565	884 550	1 902 971	444 044
Irrigated ..... farms..	65	34	25	6	46	17	24	5
acres..	913	439	388	86	692	230	(D)	(D)

See footnotes at end of table.

Table 46. **Summary by Tenure of Operator: 1997**—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
SELECTED CROPS HARVESTED—Con.									
Vegetables harvested for sale (see text)	farms	786	377	309	100	511	164	274	73
	acres	12 533	2 231	8 266	2 037	11 747	1 652	8 129	1 966
Irrigated	farms	117	50	47	20	81	31	37	13
	acres	1 476	242	921	313	1 406	200	905	302
Farms by acres harvested:									
0.1 to 4.9 acres		477	276	149	52	258	102	126	30
5.0 to 24.9 acres		180	83	75	22	125	45	63	17
25.0 to 99.9 acres		99	16	61	22	98	15	61	22
100.0 to 249.9 acres		26	1	21	4	26	1	21	4
250.0 acres or more		4	1	3	–	4	1	3	–
Land in orchards	farms	448	359	69	20	182	118	51	13
	acres	2 616	1 910	637	70	1 494	901	571	22
Irrigated	farms	19	17	2	–	8	6	2	–
	acres	118	(D)	(D)	–	87	(D)	(D)	–
Farms by bearing and nonbearing acres:									
0.1 to 4.9 acres		324	256	51	17	118	71	35	12
5.0 to 24.9 acres		100	88	10	2	47	37	9	1
25.0 to 99.9 acres		22	14	7	1	16	10	6	–
100.0 to 249.9 acres		2	1	1	–	1	–	1	–
250.0 acres or more		–	–	–	–	–	–	–	–

[1]Data are based on a sample of farms.
[2]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 47. **Summary by Type of Organization: 1997**

[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	
FARMS AND LAND IN FARMS									
Farms ..... number	90 792	75 880	8 231	6 128	5 733	5 629	395	331	553
percent	100.0	83.6	9.1	6.7	6.3	6.2	.4	.4	.6
Land in farms ..... acres	31 166 699	23 526 085	3 373 783	4 119 477	3 992 642	3 929 421	126 835	92 518	147 354
Average size of farm ..... acres	343	310	410	672	696	698	321	280	266
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text) ..... farms	90 792	75 880	8 231	6 128	5 733	5 629	395	331	553
$1,000	11 947 894	7 892 585	1 598 287	2 407 116	2 191 323	2 100 981	215 793	176 355	49 905
Average per farm ..... dollars	131 596	104 014	194 179	392 806	382 230	373 242	546 311	532 795	90 244
Farms by value of sales:									
Less than $1,000 (see text)	9 230	8 040	763	299	239	235	60	50	128
$1,000 to $2,499	3 961	3 692	184	55	42	40	13	11	30
$2,500 to $4,999	4 577	4 188	290	61	47	45	14	10	38
$5,000 to $9,999	5 878	5 276	449	105	91	84	14	12	48
$10,000 to $19,999	7 383	6 494	685	149	118	118	31	25	55
$20,000 to $24,999	3 124	2 723	314	77	63	61	14	12	10
$25,000 to $39,999	7 366	6 321	747	232	215	208	17	16	66
$40,000 to $49,999	4 082	3 492	410	154	140	138	14	10	26
$50,000 to $99,999	13 735	11 709	1 331	640	613	596	27	24	55
$100,000 to $249,999	19 119	15 838	1 605	1 610	1 559	1 540	51	45	66
$250,000 to $499,999	8 404	6 014	819	1 553	1 513	1 494	40	37	18
$500,000 to $999,999	2 858	1 639	427	782	730	721	52	45	10
$1,000,000 to $2,499,999	888	411	158	318	284	277	34	23	1
$2,500,000 to $4,999,999	120	34	26	59	49	48	10	7	1
$5,000,000 or more	67	9	23	34	30	24	4	4	1
Grains ..... farms	64 058	52 707	5 984	5 036	4 862	4 778	174	149	331
$1,000	6 011 171	4 436 581	607 357	947 384	930 907	916 388	16 477	13 950	19 849
Sales of $50,000 or more ..... farms	33 199	26 183	2 912	3 994	3 932	3 874	62	54	110
$1,000	5 378 196	3 899 097	542 630	920 555	906 185	892 241	14 370	12 101	15 913
Corn for grain ..... farms	56 466	46 389	5 244	4 553	4 419	4 341	134	116	280
$1,000	3 225 141	2 384 299	328 020	502 320	493 175	485 107	9 145	7 868	10 502
Wheat ..... farms	699	532	82	80	78	76	2	1	5
$1,000	2 936	1 993	296	638	(D)	(D)	(D)	(D)	9
Soybeans ..... farms	56 373	46 144	5 175	4 789	4 648	4 570	141	122	265
$1,000	2 765 812	2 037 229	276 961	442 369	435 180	428 816	7 189	5 986	9 254
Sorghum for grain ..... farms	32	25	4	3	3	3	–	–	–
$1,000	121	(D)	(D)	24	24	24	–	–	–
Barley ..... farms	76	63	4	8	6	6	2	2	1
$1,000	178	(D)	(D)	18	(D)	(D)	(D)	(D)	(D)
Oats ..... farms	5 638	4 642	637	338	327	324	11	8	21
$1,000	11 024	8 899	1 267	803	752	748	51	48	55
Other grains ..... farms	287	220	36	29	26	25	3	3	2
$1,000	5 960	3 931	(D)	1 211	1 181	(D)	31	31	(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	14 636	12 368	1 299	890	851	829	39	36	79
$1,000	88 970	68 477	10 227	9 917	9 077	8 869	840	817	349
Sales of $50,000 or more ..... farms	141	85	26	30	25	24	5	5	–
$1,000	12 260	6 417	1 964	3 878	3 337	(D)	541	541	–
Vegetables, sweet corn, and melons ..... farms	776	663	60	48	44	41	4	3	5
$1,000	8 568	6 226	785	1 536	1 508	1 438	28	(D)	21
Sales of $50,000 or more ..... farms	40	29	3	8	8	7	–	–	–
$1,000	4 133	2 642	240	1 250	1 250	(D)	–	–	–
Fruits, nuts, and berries ..... farms	323	264	31	22	21	21	1	1	6
$1,000	3 627	2 070	395	1 126	(D)	(D)	(D)	(D)	36
Sales of $50,000 or more ..... farms	19	11	3	5	5	5	–	–	–
$1,000	2 133	880	217	1 036	1 036	1 036	–	–	–
Nursery and greenhouse crops ..... farms	819	625	74	111	99	99	12	9	9
$1,000	73 208	26 655	6 095	40 392	34 190	34 190	6 202	6 180	66
Sales of $50,000 or more ..... farms	180	95	21	64	58	58	6	6	–
$1,000	66 888	21 931	5 324	39 634	33 482	33 482	6 153	6 153	–
Other crops ..... farms	115	100	5	9	8	8	1	1	1
$1,000	1 725	517	(D)	920	(D)	(D)	(D)	(D)	(D)
Sales of $50,000 or more ..... farms	9	3	1	5	5	5	–	–	–
$1,000	1 418	(D)	(D)	896	896	896	–	–	–
Poultry and poultry products ..... farms	1 598	1 320	142	133	114	112	19	14	3
$1,000	414 429	114 842	(D)	205 045	188 567	(D)	16 478	7 204	(D)
Sales of $50,000 or more ..... farms	282	152	38	92	79	77	13	9	–
$1,000	412 269	112 993	94 317	204 959	188 503	(D)	16 456	7 197	–
Dairy products ..... farms	3 958	3 135	640	170	163	160	7	4	13
$1,000	408 694	295 416	72 187	39 597	38 577	37 141	1 020	199	1 493
Sales of $50,000 or more ..... farms	2 635	2 029	444	151	146	143	5	3	11
$1,000	374 552	267 084	66 914	(D)	(D)	36 710	(D)	(D)	(D)
Cattle and calves ..... farms	38 548	32 673	3 751	1 967	1 900	1 872	67	61	157
$1,000	1 850 796	1 153 341	240 280	450 958	406 575	378 986	44 383	40 579	6 217
Sales of $50,000 or more ..... farms	5 736	4 173	763	779	754	739	25	21	21
$1,000	1 435 407	802 222	198 617	430 010	386 122	358 729	43 888	40 110	4 558

See footnotes at end of table.

Table 47. **Summary by Type of Organization: 1997**—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	
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.									
Total sales (see text)—Con.									
Hogs and pigs ..... farms..	18 370	14 548	1 919	1 850	1 724	1 701	126	106	53
$1,000..	3 029 972	1 745 102	561 055	702 104	575 637	556 056	126 467	105 730	21 711
Sales of $50,000 or more ..... farms..	10 657	7 855	1 195	1 577	1 463	1 446	114	97	30
$1,000..	2 879 196	1 615 883	546 193	695 778	569 599	550 153	126 178	105 538	21 342
Sheep, lambs, and wool ..... farms..	4 598	4 086	335	157	150	146	7	6	20
$1,000..	30 214	24 526	3 351	2 234	(D)	1 587	(D)	(D)	103
Sales of $50,000 or more ..... farms..	82	70	7	5	4	4	1	1	–
$1,000..	14 572	11 024	2 019	1 529	(D)	(D)	(D)	(D)	–
Other livestock and livestock products (see text) ..... farms..	3 023	2 721	173	115	106	105	9	7	14
$1,000..	26 520	18 832	1 747	5 903	2 576	(D)	3 327	(D)	38
Sales of $50,000 or more ..... farms..	76	56	4	16	12	12	4	2	–
$1,000..	14 178	8 023	829	5 326	2 066	2 066	3 260	(D)	–
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms..	2 174	1 888	166	110	104	101	6	6	10
$1,000..	7 475	6 347	487	624	619	605	6	6	17
FARM PRODUCTION EXPENSES[1]									
Total farm production expenses ..... farms..	90 786	75 999	8 393	5 783	5 354	5 258	429	354	611
$1,000..	8 405 838	5 564 035	1 130 298	1 667 957	1 504 155	1 434 237	163 802	135 497	43 548
Average per farm ..... dollars..	92 590	73 212	134 672	288 424	280 940	272 772	381 822	382 760	71 273
Livestock and poultry purchased ..... farms..	30 572	25 128	3 170	2 182	2 032	2 007	150	129	92
$1,000..	1 260 448	746 903	182 976	323 258	292 335	275 394	30 923	25 123	7 311
Farms with expenses of—									
$1 to $4,999	13 379	11 619	1 319	398	384	382	14	14	43
$5,000 to $24,999	9 489	8 008	908	559	528	524	31	31	14
$25,000 to $99,999	5 333	4 096	608	604	565	557	39	33	25
$100,000 to $249,999	1 322	835	168	315	281	279	34	27	4
$250,000 or more	1 049	570	167	306	274	265	32	24	6
Feed for livestock and poultry ..... farms..	46 733	39 178	4 396	2 929	2 754	2 729	175	154	230
$1,000..	1 585 107	863 768	292 994	418 411	347 494	322 120	70 917	60 147	9 934
Farms with expenses of—									
$1 to $4,999	23 264	20 647	1 779	693	665	665	28	28	145
$5,000 to $24,999	12 922	10 728	1 412	738	710	706	28	28	44
$25,000 to $99,999	7 779	6 219	808	723	700	695	23	22	29
$100,000 to $249,999	1 809	1 138	242	423	384	380	39	35	6
$250,000 or more	959	446	155	352	295	283	57	41	6
Commercially mixed formula feeds ..... farms..	27 617	22 903	2 667	1 916	1 786	1 767	130	114	131
$1,000..	854 175	425 246	199 851	226 603	180 044	169 820	46 558	39 633	2 476
Farms with expenses of—									
$1 to $4,999	14 923	13 076	1 202	547	530	529	17	16	98
$5,000 to $24,999	7 904	6 396	943	543	522	517	21	21	22
$25,000 to $99,999	3 560	2 769	338	446	419	414	27	26	7
$100,000 or more	1 230	662	184	380	315	307	65	51	4
Seeds, bulbs, plants, and trees ..... farms..	68 732	56 935	6 509	4 874	4 680	4 615	194	157	414
$1,000..	488 961	365 380	51 301	70 058	68 051	67 136	2 007	1 717	2 221
Farms with expenses of—									
$1 to $999	12 228	10 871	1 001	273	231	223	42	20	83
$1,000 to $4,999	24 804	21 079	2 524	1 024	935	925	89	87	177
$5,000 to $24,999	28 798	23 173	2 590	2 884	2 835	2 798	49	38	151
$25,000 to $49,999	2 462	1 601	303	557	550	542	7	7	1
$50,000 or more	440	211	91	136	129	127	7	5	2
Commercial fertilizer ..... farms..	65 626	54 401	6 147	4 657	4 505	4 441	152	114	421
$1,000..	636 785	480 253	68 230	85 153	83 565	82 412	1 588	1 274	3 149
Farms with expenses of—									
$1 to $4,999	29 645	25 643	2 738	1 004	915	898	89	64	260
$5,000 to $24,999	30 385	25 056	2 717	2 468	2 418	2 381	50	40	144
$25,000 to $49,999	4 432	3 022	500	895	887	882	8	6	15
$50,000 or more	1 164	680	192	290	285	280	5	4	2
Agricultural chemicals ..... farms..	64 489	53 823	5 931	4 348	4 193	4 122	155	117	387
$1,000..	521 566	396 321	52 046	70 325	68 968	67 908	1 358	1 066	2 873
Farms with expenses of—									
$1 to $4,999	33 739	29 193	3 163	1 158	1 063	1 039	95	71	225
$5,000 to $24,999	26 795	21 991	2 334	2 339	2 288	2 253	51	40	131
$25,000 to $49,999	3 191	2 208	302	652	646	641	6	4	29
$50,000 or more	764	431	132	199	196	189	3	2	2
Petroleum products ..... farms..	84 456	70 766	7 715	5 494	5 131	5 045	363	295	481
$1,000..	350 799	253 884	41 887	53 609	49 978	48 519	3 631	3 064	1 418
Farms with expenses of—									
$1 to $4,999	61 749	53 669	5 313	2 367	2 150	2 093	217	181	400
$5,000 to $24,999	21 538	16 559	2 162	2 740	2 625	2 609	115	91	77
$25,000 to $49,999	966	474	193	298	276	268	22	15	1
$50,000 or more	203	64	47	89	80	75	9	8	3
Gasoline and gasohol ..... farms..	70 591	59 243	6 397	4 543	4 254	4 183	289	234	408
$1,000..	83 552	63 021	9 803	10 356	9 634	(D)	721	583	372
Diesel fuel ..... farms..	65 871	54 440	6 195	4 889	4 602	4 534	287	223	347
$1,000..	151 144	110 810	17 841	21 857	20 995	20 511	861	690	637
Natural gas ..... farms..	4 094	3 173	413	491	437	435	54	50	17
$1,000..	9 805	5 920	1 040	2 790	2 576	(D)	214	192	55
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	71 329	59 390	6 497	5 099	4 812	4 750	287	228	343
$1,000..	106 298	74 133	13 203	18 607	16 772	16 171	1 835	1 599	354

See footnotes at end of table.

Table 47. **Summary by Type of Organization: 1997**—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	
FARM PRODUCTION EXPENSES[1]—Con.									
Total farm production expenses—Con.									
Electricity ..... farms..	73 232	60 977	6 707	5 105	4 785	4 705	320	262	443
$1,000..	127 679	89 115	15 987	21 863	19 369	18 656	2 495	1 935	714
Farms with expenses of—									
$1 to $999	36 803	32 031	3 189	1 301	1 212	1 178	89	77	282
$1,000 to $4,999	32 280	26 434	2 923	2 777	2 634	2 609	143	116	146
$5,000 to $24,999	3 929	2 443	554	919	849	836	70	56	13
$25,000 to $49,999	151	53	21	76	65	60	11	8	1
$50,000 or more	69	16	20	32	25	22	7	5	1
Hired farm labor ..... farms..	33 016	26 382	2 900	3 546	3 334	3 290	212	170	188
$1,000..	316 779	136 634	54 051	123 796	108 542	103 460	15 254	12 054	2 298
Farms with expenses of—									
$1 to $4,999	23 586	20 347	1 958	1 158	1 071	1 056	87	76	123
$5,000 to $24,999	6 689	4 893	607	1 147	1 107	1 100	40	29	42
$25,000 to $99,999	2 315	1 044	255	996	957	947	39	31	20
$100,000 to $249,999	328	85	57	184	151	143	33	25	2
$250,000 or more	98	13	23	61	48	44	13	9	1
Workers by days worked:									
150 days or more ..... farms..	10 990	7 611	1 021	2 309	2 203	2 176	106	75	49
workers..	20 517	11 116	2 655	6 599	5 951	5 726	648	413	147
Less than 150 days ..... farms..	29 661	24 083	2 655	2 748	2 573	2 538	175	146	175
workers..	73 630	54 294	8 200	10 649	9 530	9 259	1 119	792	487
Contract labor ..... farms..	6 152	4 970	551	577	531	521	46	37	54
$1,000..	24 905	14 167	4 563	6 052	5 213	4 842	838	299	123
Farms with expenses of—									
$1 to $999	2 512	2 110	238	146	143	142	3	2	18
$1,000 to $4,999	2 713	2 202	223	256	232	229	24	24	32
$5,000 to $24,999	812	608	73	127	115	112	12	8	4
$25,000 to $49,999	63	34	7	22	20	20	2	2	–
$50,000 or more	52	16	10	26	21	18	5	1	–
Repair and maintenance ..... farms..	78 128	65 513	6 973	5 244	4 932	4 877	312	265	398
$1,000..	504 525	376 058	54 157	72 146	67 487	66 172	4 659	3 472	2 164
Farms with expenses of—									
$1 to $4,999	46 146	40 227	3 873	1 786	1 641	1 616	145	123	260
$5,000 to $24,999	29 129	23 577	2 725	2 701	2 579	2 563	122	109	126
$25,000 to $49,999	2 300	1 455	268	569	543	532	26	20	8
$50,000 or more	553	254	107	188	169	166	19	13	4
Customwork, machine hire, and rental of machinery and equipment..... farms..	43 788	36 690	3 853	2 971	2 768	2 720	203	178	274
$1,000..	168 101	119 730	22 310	24 622	22 691	21 805	1 931	1 663	1 439
Farms with expenses of—									
$1 to $999	15 486	13 629	1 218	556	507	499	49	38	83
$1,000 to $4,999	19 166	16 143	1 739	1 179	1 098	1 088	81	77	105
$5,000 to $24,999	8 471	6 577	770	1 050	989	974	61	54	74
$25,000 to $49,999	468	245	91	123	118	106	5	4	9
$50,000 or more	197	96	35	63	56	53	7	5	3
Interest ..... farms..	55 257	46 401	4 590	4 063	3 868	3 824	195	172	203
$1,000..	600 284	437 437	71 888	88 465	81 792	79 979	6 673	5 919	2 494
Farms with expenses of—									
$1 to $4,999	26 319	22 633	2 330	1 216	1 160	1 148	56	49	140
$5,000 to $24,999	23 038	19 649	1 572	1 774	1 695	1 676	79	74	43
$25,000 to $99,999	5 631	4 016	626	971	919	910	52	42	18
$100,000 or more	269	103	62	102	94	90	8	7	2
Secured by real estate ..... farms..	36 993	31 770	2 641	2 472	2 334	2 310	138	119	110
$1,000..	347 061	264 226	35 474	46 227	42 218	41 175	4 010	3 560	1 133
Farms with expenses of—									
$1 to $999	4 105	3 537	405	136	120	120	16	15	27
$1,000 to $4,999	13 186	11 803	795	540	510	505	30	23	48
$5,000 to $24,999	16 914	14 484	1 142	1 257	1 192	1 181	65	58	31
$25,000 to $49,999	2 216	1 655	203	356	337	334	19	17	2
$50,000 or more	572	291	96	183	175	170	8	6	2
Not secured by real estate ..... farms..	36 242	30 075	3 224	2 816	2 704	2 675	112	102	127
$1,000..	253 223	173 211	36 414	42 238	39 575	38 804	2 663	2 359	1 360
Farms with expenses of—									
$1 to $999	8 257	7 104	765	326	314	304	12	12	62
$1,000 to $4,999	14 030	12 092	1 179	737	717	715	20	18	22
$5,000 to $24,999	12 220	9 866	994	1 324	1 274	1 262	50	47	36
$25,000 to $49,999	1 249	800	173	273	259	258	14	12	3
$50,000 or more	486	213	113	156	140	136	16	13	4
Cash rent ..... farms..	36 892	30 708	3 003	3 011	2 940	2 911	71	53	170
$1,000..	866 955	625 828	103 028	135 176	131 662	129 674	3 513	3 134	2 925
Farms with expenses of—									
$1 to $4,999	9 782	8 579	777	346	340	340	6	5	80
$5,000 to $9,999	5 578	4 815	455	268	247	246	21	9	40
$10,000 to $24,999	10 588	9 069	786	713	709	705	4	4	20
$25,000 or more	10 944	8 245	985	1 684	1 644	1 620	40	35	30
Property taxes ..... farms..	79 236	66 997	6 679	5 046	4 660	4 567	386	332	514
$1,000..	242 120	182 703	25 017	32 918	31 241	30 515	1 678	1 386	1 481
Farms with expenses of—									
$1 to $4,999	65 405	57 166	5 182	2 619	2 323	2 276	296	264	438
$5,000 to $9,999	10 244	7 711	1 008	1 467	1 421	1 391	46	30	58
$10,000 to $24,999	3 273	1 992	432	834	798	788	36	31	15
$25,000 or more	314	128	57	126	118	112	8	7	3
All other farm production expenses ..... farms..	85 922	71 734	8 022	5 650	5 258	5 178	392	331	516
$1,000..	710 824	475 854	89 862	142 103	125 766	115 647	16 337	13 246	3 004
Farms with expenses of—									
$1 to $4,999	53 161	45 865	4 991	1 882	1 657	1 627	225	198	423
$5,000 to $24,999	27 377	22 285	2 444	2 572	2 477	2 451	95	76	76
$25,000 to $49,999	3 592	2 637	317	632	618	613	14	12	6
$50,000 to $99,999	1 297	765	179	345	318	309	27	21	8
$100,000 or more	495	182	91	219	188	178	31	24	3

See footnotes at end of table.

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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	
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)[1]										
All farms	number	90 786	75 999	8 393	5 783	5 354	5 258	429	354	611
	$1,000	2 969 179	1 998 304	413 776	542 885	498 310	482 259	44 575	34 182	14 214
Average per farm	dollars	32 705	26 294	49 300	93 876	93 072	91 719	103 905	96 560	23 264
Farms with net gains[2]	number	60 033	48 887	6 245	4 495	4 242	4 163	253	202	406
Average net gain	dollars	54 248	45 422	71 624	127 470	123 669	122 003	191 202	183 060	38 951
Gain of—										
Less than $1,000		2 958	2 614	262	47	39	38	8	8	35
$1,000 to $9,999		14 355	12 550	1 267	405	352	337	53	32	133
$10,000 to $49,999		23 955	19 685	2 618	1 486	1 403	1 390	83	71	166
$50,000 or more		18 765	14 038	2 098	2 557	2 448	2 398	109	91	72
Farms with net losses	number	30 753	27 112	2 148	1 288	1 112	1 095	176	152	205
Average net loss	dollars	9 348	8 198	15 605	23 365	23 647	23 416	21 584	18 395	7 804
Loss of—										
Less than $1,000		4 252	3 840	273	114	60	60	54	44	25
$1,000 to $9,999		19 376	17 329	1 343	557	488	479	69	59	147
$10,000 to $49,999		6 564	5 536	488	508	468	462	40	40	32
$50,000 or more		561	407	44	109	96	94	13	9	1
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME										
Government payments	farms	67 795	56 203	6 157	5 038	4 833	4 751	205	173	397
	$1,000	536 924	413 209	51 295	69 454	67 682	66 404	1 772	1 575	2 967
Other farm-related income[1]	farms	39 905	33 707	3 383	2 566	2 486	2 443	80	63	249
	$1,000	260 021	208 928	21 641	28 091	27 700	27 110	392	358	1 361
Customwork and other agricultural services	farms	10 656	8 886	880	842	839	832	3	3	48
	$1,000	86 843	67 036	7 880	11 553	(D)	11 300	(D)	(D)	374
Gross cash rent or share payments	farms	11 241	9 742	844	542	510	497	32	25	113
	$1,000	134 239	110 504	10 166	12 715	12 534	12 335	181	165	855
Forest products, excluding Christmas trees and maple products	farms	774	605	106	54	53	53	1	1	9
	$1,000	4 037	3 278	273	430	(D)	(D)	(D)	(D)	56
Other farm-related income sources	farms	28 494	24 168	2 407	1 795	1 746	1 707	49	39	124
	$1,000	34 902	28 111	3 322	3 393	3 346	(D)	47	29	76
COMMODITY CREDIT CORPORATION LOANS										
Total	farms	12 999	10 737	1 136	1 092	1 068	1 054	24	24	34
	$1,000	508 209	385 847	45 253	76 020	75 575	74 774	446	446	1 088
Corn	farms	11 532	9 502	1 024	974	952	941	22	22	32
	$1,000	313 831	236 947	29 038	47 171	46 916	46 512	254	254	675
Wheat	farms	14	11	2	1	1	1	–	–	–
	$1,000	17	16	(D)	(D)	(D)	(D)	–	–	–
Soybeans	farms	6 070	5 077	436	540	531	521	9	9	17
	$1,000	194 281	148 828	16 205	28 836	28 644	28 247	192	192	413
Sorghum, barley, and oats	farms	92	67	15	10	10	10	–	–	–
	$1,000	79	56	(D)	(D)	(D)	(D)	–	–	–
Cotton	farms	–	–	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed	farms	–	–	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–	–	–
Peanuts, rice, and tobacco	farms	–	–	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–	–	–
LAND IN FARMS ACCORDING TO USE										
Total cropland	farms	83 375	69 714	7 504	5 649	5 385	5 292	264	224	508
	acres	26 821 844	20 134 850	2 871 531	3 700 793	3 620 530	3 564 763	80 263	66 113	114 670
Harvested cropland	farms	74 951	62 434	6 799	5 333	5 129	5 040	204	174	385
	acres	23 323 249	17 343 962	2 479 266	3 420 316	3 353 501	3 303 183	66 815	54 841	79 705
Farms by acres harvested:										
1 to 49 acres		15 222	13 807	973	325	261	251	64	53	117
50 to 99 acres		8 807	7 658	875	221	194	190	27	20	53
100 to 199 acres		14 539	12 413	1 513	523	485	473	38	34	90
200 to 499 acres		21 216	17 672	1 986	1 469	1 431	1 408	38	34	89
500 to 999 acres		11 290	8 581	922	1 763	1 741	1 716	22	20	24
1,000 to 1,999 acres		3 429	2 092	417	910	898	885	12	11	10
2,000 acres or more		448	211	113	122	119	117	3	2	2
Cropland:										
Pasture or grazing only	farms	28 797	24 500	2 618	1 545	1 486	1 466	59	53	134
	acres	2 001 198	1 600 891	237 885	150 187	144 720	142 636	5 467	4 723	12 235
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	12 494	10 317	1 101	969	915	896	54	48	107
	acres	672 119	537 473	65 997	58 673	55 218	53 632	3 455	3 044	9 976
On which all crops failed	farms	1 188	971	108	99	93	91	6	6	10
	acres	41 542	28 062	6 839	6 499	(D)	(D)	(D)	(D)	142
In cultivated summer fallow	farms	665	555	77	25	23	23	2	2	8
	acres	32 353	26 442	4 636	1 089	(D)	(D)	(D)	(D)	186
Idle	farms	12 221	10 061	1 118	899	834	812	65	53	143
	acres	751 383	598 020	76 908	64 029	59 738	58 059	4 291	3 270	12 426
Total woodland	farms	22 516	18 945	2 155	1 248	1 163	1 141	85	71	168
	acres	1 315 257	1 038 141	156 237	107 448	89 274	86 464	18 174	8 186	13 431
Woodland pastured	farms	11 335	9 628	1 109	527	498	486	29	26	71
	acres	633 367	509 531	79 165	40 419	36 663	35 761	3 756	1 673	4 252
Woodland not pastured	farms	15 072	12 594	1 432	931	865	848	66	54	115
	acres	681 890	528 610	77 072	67 029	52 611	50 703	14 418	6 513	9 179

See footnotes at end of table.

Table 47. **Summary by Type of Organization: 1997**—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	
LAND IN FARMS ACCORDING TO USE—Con.									
Pastureland and rangeland other than cropland and woodland pastured ..... farms..	18 756	15 976	1 692	980	942	930	38	32	108
acres..	1 440 627	1 120 160	186 498	125 453	110 533	108 810	14 920	8 028	8 516
Land in house lots, ponds, roads, wasteland, etc. ..... farms..	61 890	52 095	5 230	4 210	3 943	3 877	267	226	355
acres..	1 588 971	1 232 934	159 517	185 783	172 305	169 384	13 478	10 191	10 737
Irrigated land ..... farms..	957	660	98	187	173	172	14	11	12
acres..	124 983	75 683	14 822	32 110	30 824	(D)	1 286	1 181	2 368
Harvested cropland irrigated ..... farms..	930	639	95	184	171	170	13	10	12
acres..	123 084	74 261	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Pasture and other land irrigated ..... farms..	35	25	3	6	5	5	1	1	1
acres..	1 899	1 422	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms..	24 137	20 318	1 973	1 624	1 518	1 482	106	93	222
acres..	1 707 901	1 393 655	161 081	129 049	121 171	117 274	7 878	6 881	24 116
VALUE OF LAND AND BUILDINGS[1]									
Estimated market value of land and buildings ..... farms..	90 786	75 999	8 393	5 783	5 354	5 258	429	354	611
$1,000..	51 438 152	38 814 108	5 539 465	6 797 669	6 542 842	6 436 545	254 826	200 402	286 911
Average per farm ..... dollars..	566 587	510 719	660 010	1 175 457	1 222 047	1 224 143	594 001	566 108	469 577
Average per acre ..... dollars..	1 697	1 680	1 667	1 828	1 828	1 827	1 814	2 041	1 649
Farms by value group:									
$1 to $39,999	6 863	5 884	677	226	161	160	65	52	76
$40,000 to $69,999	6 204	5 566	481	116	80	79	36	30	41
$70,000 to $99,999	5 997	5 300	501	169	132	132	37	20	27
$100,000 to $149,999	8 505	7 484	714	230	187	185	43	42	77
$150,000 to $199,999	6 673	5 797	606	189	153	151	36	35	81
$200,000 to $499,999	24 213	20 775	2 253	1 020	926	895	94	84	165
$500,000 to $999,999	17 252	14 253	1 600	1 319	1 259	1 245	60	39	80
$1,000,000 to $1,999,999	10 795	8 139	1 014	1 587	1 556	1 521	31	28	55
$2,000,000 to $4,999,999	3 899	2 611	466	816	794	787	22	20	6
$5,000,000 or more	385	190	81	111	106	103	5	4	3
VALUE OF MACHINERY AND EQUIPMENT[1]									
Estimated market value of all machinery and equipment ..... farms..	90 747	75 960	8 393	5 783	5 354	5 258	429	354	611
$1,000..	7 318 851	5 542 822	792 523	942 615	904 201	887 414	38 414	32 782	40 891
Farms by value group:									
$1 to $4,999	5 590	4 934	526	97	76	76	21	19	33
$5,000 to $9,999	8 201	7 116	685	309	241	235	68	53	91
$10,000 to $19,999	13 192	11 737	1 046	327	227	213	100	75	82
$20,000 to $49,999	21 194	18 432	1 910	681	617	594	64	60	171
$50,000 to $99,999	17 049	14 330	1 658	986	926	911	60	55	75
$100,000 to $199,999	15 110	12 105	1 359	1 552	1 494	1 479	58	42	94
$200,000 to $499,999	9 363	6 692	1 040	1 570	1 518	1 502	52	44	61
$500,000 or more	1 048	614	169	261	255	248	6	6	4
SELECTED MACHINERY AND EQUIPMENT[1]									
Motortrucks, including pickups ..... farms..	83 941	70 221	7 704	5 494	5 108	5 028	386	312	522
number..	147 779	117 932	15 003	13 938	13 044	12 815	894	709	906
Wheel tractors ..... farms..	84 736	71 060	7 767	5 339	4 953	4 859	386	317	570
number..	255 019	208 219	25 470	19 692	18 649	18 320	1 043	815	1 638
Less than 40 horsepower (PTO) ..... farms..	38 074	32 064	3 601	2 143	2 001	1 966	142	110	266
number..	59 853	49 931	5 937	3 544	3 335	3 266	209	161	441
40 horsepower (PTO) or more ..... farms..	76 722	64 131	7 029	5 043	4 708	4 617	335	269	519
number..	195 166	158 288	19 533	16 148	15 314	15 054	834	654	1 197
40 to 99 horsepower (PTO) ..... farms..	63 516	53 102	5 892	4 075	3 812	3 729	263	206	447
number..	108 644	89 456	10 985	7 405	6 911	6 744	494	381	798
100 horsepower (PTO) or more ..... farms..	49 966	41 096	4 651	3 930	3 755	3 707	175	150	289
number..	86 522	68 832	8 548	8 743	8 403	8 310	340	273	399
Grain and bean combines ..... farms..	42 979	34 807	4 169	3 745	3 646	3 594	99	72	258
number..	46 717	37 680	4 640	4 131	4 021	3 966	110	75	266
Cotton pickers and strippers ..... farms..	–	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–	–
Mower conditioners ..... farms..	24 751	20 766	2 555	1 320	1 274	1 254	46	43	110
number..	26 324	21 999	2 783	1 431	1 384	1 364	47	43	111
Pickup balers ..... farms..	28 853	24 312	2 918	1 473	1 445	1 423	28	26	150
number..	34 622	28 919	3 720	1 821	1 784	1 761	37	(D)	162
AGRICULTURAL CHEMICALS[1]									
Commercial fertilizer ..... farms..	65 495	54 292	6 140	4 642	4 490	4 426	152	114	421
acres on which used..	14 473 220	10 915 840	1 560 159	1 924 798	1 878 450	1 846 590	46 348	29 973	72 423
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops ..... farms..	24 957	20 406	2 509	1 915	1 846	1 825	69	45	127
acres on which used..	3 241 067	2 328 366	451 115	440 244	430 309	425 563	9 935	8 662	21 342
Nematodes in crops ..... farms..	1 426	1 090	212	115	114	112	1	1	9
acres on which used..	175 517	126 581	22 399	24 197	(D)	(D)	(D)	(D)	2 340
Diseases in crops and orchards ..... farms..	1 122	818	131	164	160	160	4	4	9
acres on which used..	131 187	86 679	12 863	29 404	(D)	(D)	(D)	(D)	2 241
Weeds, grass, or brush in crops and pasture ..... farms..	53 909	44 989	4 752	3 838	3 719	3 648	119	93	330
acres on which used..	16 674 094	12 767 249	1 614 704	2 219 464	2 175 155	2 143 868	44 309	33 794	72 677
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms..	43	33	1	9	6	6	3	2	–
acres on which used..	1 594	1 214	(D)	(D)	(D)	(D)	(D)	(D)	–

See footnotes at end of table.

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[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	
TENURE AND RACE OF OPERATOR									
All operators	90 792	75 880	8 231	6 128	5 733	5 629	395	331	553
Full owners	42 902	36 454	3 834	2 210	1 912	1 862	298	250	404
Part owners	32 996	27 609	2 503	2 815	2 769	2 726	46	39	69
Tenants	14 894	11 817	1 894	1 103	1 052	1 041	51	42	80
White	90 669	75 778	8 222	6 116	5 722	5 618	394	330	553
Full owners	42 830	36 392	3 827	2 207	1 910	1 860	297	249	404
Part owners	32 961	27 583	2 501	2 808	2 762	2 719	46	39	69
Tenants	14 878	11 803	1 894	1 101	1 050	1 039	51	42	80
Black and other races	123	102	9	12	11	11	1	1	–
Full owners	72	62	7	3	2	2	1	1	–
Part owners	35	26	2	7	7	7	–	–	–
Tenants	16	14	–	2	2	2	–	–	–
OWNED AND RENTED LAND									
Land owned—farms	76 916	64 964	6 409	5 068	4 724	4 631	344	289	475
acres	16 795 890	12 776 116	1 799 899	2 077 922	1 969 235	1 922 518	108 687	75 716	141 953
Owned land in farms—farms	75 898	64 063	6 337	5 025	4 681	4 588	344	289	473
acres	14 354 684	10 891 098	1 537 456	1 817 782	1 723 135	1 681 670	94 647	64 090	108 348
Land rented or leased from others—farms	48 208	39 685	4 424	3 946	3 848	3 794	98	82	153
acres	16 988 397	12 776 653	1 853 763	2 317 434	2 284 849	2 262 622	32 585	28 825	40 547
landlords	120 737	95 661	11 418	13 383	13 037	12 874	346	273	275
Rented or leased land in farms—farms	47 890	39 426	4 397	3 918	3 821	3 767	97	81	149
acres	16 812 015	12 634 987	1 836 327	2 301 695	2 269 507	2 247 751	32 188	28 428	39 006
Land rented or leased to others—farms	16 229	13 507	1 518	1 022	959	938	63	53	182
acres	2 617 588	2 026 684	279 879	275 879	261 442	255 719	14 437	12 023	35 146
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated	66 661	57 500	4 838	4 103	3 985	3 934	118	104	220
Not on farm operated	19 439	14 582	2 934	1 619	1 377	1 327	242	197	304
Not reported	4 692	3 798	459	406	371	368	35	30	29
Operators by principal occupation:									
Farming	56 256	45 918	5 220	4 883	4 671	4 605	212	180	235
Other	34 536	29 962	3 011	1 245	1 062	1 024	183	151	318
Operators by days worked off farm:									
None	40 767	32 700	3 976	3 831	3 651	3 594	180	149	260
Any	45 408	39 396	3 787	1 966	1 768	1 725	198	167	259
1 to 99 days	9 726	8 161	821	699	657	645	42	37	45
100 to 199 days	7 009	6 074	552	357	345	342	12	11	26
200 days or more	28 673	25 161	2 414	910	766	738	144	119	188
Not reported	4 617	3 784	468	331	314	310	17	15	34
Operators by years on present farm:									
2 years or less	3 505	2 823	412	225	188	180	37	30	45
3 or 4 years	4 287	3 612	432	217	185	184	32	25	26
5 to 9 years	10 433	8 819	1 037	516	452	440	64	53	61
10 years or more	60 710	51 094	5 050	4 272	4 120	4 048	152	131	294
Average years on present farm	22.3	22.3	21.8	23.6	24.1	24.1	14.5	15.0	21.4
Not reported	11 857	9 532	1 300	898	788	777	110	92	127
Operators by age group:									
Under 25 years	1 468	1 282	151	33	29	29	4	4	2
25 to 34 years	7 554	6 425	769	326	293	287	33	26	34
35 to 44 years	20 841	17 627	1 725	1 408	1 310	1 289	98	79	81
45 to 49 years	11 388	9 486	926	919	862	848	57	44	57
50 to 54 years	10 125	8 397	890	770	719	707	51	43	68
55 to 59 years	9 798	8 243	800	701	672	668	29	25	54
60 to 64 years	9 402	7 879	800	664	631	620	33	26	59
65 to 69 years	7 812	6 482	728	530	498	493	32	30	72
70 years and over	12 404	10 059	1 442	777	719	688	58	54	126
Average age	52.4	52.2	53.2	53.1	53.2	53.1	51.9	52.7	57.5
Operators by sex:									
Male	86 174	72 090	7 752	5 884	5 514	5 412	370	308	448
Female	4 618	3 790	479	244	219	217	25	23	105
Operators of Spanish, Hispanic, or Latino origin (see text)	343	286	33	21	20	19	1	1	3
FARMS BY TYPE OF ORGANIZATION									
Individual or family (sole proprietorship)—farms	75 880	75 880	–	–	–	–	–	–	–
acres	23 526 085	23 526 085	–	–	–	–	–	–	–
Partnership—farms	8 231	–	8 231	–	–	–	–	–	–
acres	3 373 783	–	3 373 783	–	–	–	–	–	–
Corporation:									
Family held—farms	5 733	–	–	5 733	5 733	5 629	–	–	–
acres	3 992 642	–	–	3 992 642	3 992 642	3 929 421	–	–	–
More than 10 stockholders—farms	104	–	–	104	104	–	–	–	–
10 or less stockholders—farms	5 629	–	–	5 629	5 629	5 629	–	–	–
Other than family held—farms	395	–	–	395	–	–	395	331	–
acres	126 835	–	–	126 835	–	–	126 835	92 518	–
More than 10 stockholders—farms	64	–	–	64	–	–	64	–	–
10 or less stockholders—farms	331	–	–	331	–	–	331	331	–
Other—cooperative, estate or trust, institutional, etc.—farms	553	–	–	–	–	–	–	–	553
acres	147 354	–	–	–	–	–	–	–	147 354

See footnotes at end of table.

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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	
INJURIES AND DEATHS									
Farm-related injuries:									
Operator and family members ..... farms..	1 131	922	103	99	97	96	2	2	7
number..	1 314	1 071	120	115	(D)	(D)	(D)	(D)	8
Hired workers ..... farms..	346	188	30	118	100	95	18	14	10
number..	604	224	77	274	216	204	58	48	29
Farm-related deaths:									
Operator and family members ..... farms..	30	25	3	2	2	2	–	–	–
number..	30	(D)	(D)	(D)	(D)	(D)	–	–	–
Hired workers ..... farms..	6	5	1	–	–	–	–	–	–
number..	6	(D)	(D)	–	–	–	–	–	–
FARMS BY SIZE									
1 to 9 acres	5 049	4 321	443	244	186	184	58	46	41
10 to 49 acres	11 580	10 386	735	373	264	250	109	90	86
50 to 69 acres	3 183	2 819	260	83	63	63	20	16	21
70 to 99 acres	6 718	5 872	623	177	152	150	25	20	46
100 to 139 acres	6 517	5 640	609	218	191	184	27	25	50
140 to 179 acres	8 107	7 012	776	250	225	220	25	17	69
180 to 219 acres	5 265	4 505	533	196	178	178	18	16	31
220 to 259 acres	5 093	4 353	511	201	183	177	18	16	28
260 to 499 acres	18 560	15 645	1 677	1 133	1 090	1 071	43	39	105
500 to 999 acres	14 833	11 641	1 282	1 856	1 828	1 800	28	24	54
1,000 to 1,999 acres	5 114	3 299	599	1 200	1 182	1 165	18	17	16
2,000 acres or more	773	387	183	197	191	187	6	5	6
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM									
Oilseed and grain farming (1111)	53 656	44 486	4 822	3 970	3 784	3 710	186	154	378
Vegetable and melon farming (1112)	255	234	10	8	8	8	–	–	3
Fruit and tree nut farming (1113)	203	174	15	12	11	11	1	1	2
Greenhouse, nursery, and floriculture production (1114)	641	483	57	98	88	88	10	8	3
Other crop farming (1119)	3 871	3 451	277	119	109	107	10	10	24
Tobacco farming (11191)	–	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	3 871	3 451	277	119	109	107	10	10	24
Beef cattle ranching and farming (112111)	11 392	10 139	960	230	212	204	18	16	63
Cattle feedlots (112112)	3 914	3 189	393	315	296	291	19	18	17
Dairy cattle and milk production (11212)	2 675	2 130	425	110	107	105	3	1	10
Hog and pig farming (1122)	9 388	7 334	977	1 047	928	918	119	100	30
Poultry and egg production (1123)	448	310	48	89	75	73	14	10	1
Sheep and goat farming (1124)	1 251	1 178	54	13	11	11	2	2	6
Animal aquaculture and other animal production (1125, 1129)	3 098	2 772	193	117	104	103	13	11	16
LIVESTOCK									
Cattle and calves inventory ..... farms..	38 435	32 650	3 720	1 904	1 840	1 815	64	57	161
number..	3 647 129	2 633 578	490 582	509 536	465 016	444 184	44 520	36 661	13 433
Farms with—									
1 to 9	3 947	3 639	207	85	75	75	10	10	16
10 to 49	15 149	13 499	1 169	414	394	390	20	19	67
50 to 99	8 960	7 604	921	395	388	383	7	7	40
100 to 199	6 468	5 267	788	388	380	378	8	7	25
200 to 499	3 085	2 200	484	391	383	375	8	5	10
500 or more	826	441	151	231	220	214	11	9	3
Cows and heifers that had calved ..... farms..	30 804	26 179	3 112	1 378	1 341	1 324	37	32	135
number..	1 251 314	971 749	167 882	105 674	99 288	97 222	6 386	3 089	6 009
Beef cows ..... farms..	27 452	23 512	2 577	1 240	1 208	1 193	32	30	123
number..	1 029 172	810 707	127 342	86 066	81 317	79 766	4 749	(D)	5 057
Farms with—									
1 to 9	4 760	4 343	300	104	95	94	9	8	13
10 to 49	16 051	14 002	1 415	557	542	538	15	15	77
50 to 99	4 747	3 834	545	343	342	337	1	1	25
100 to 199	1 556	1 124	259	168	163	160	5	5	5
200 to 499	310	196	53	59	59	57	–	–	2
500 or more	28	13	5	9	7	7	2	1	1
Milk cows ..... farms..	4 208	3 368	658	166	161	158	5	2	16
number..	222 142	161 042	40 540	19 608	17 971	17 456	1 637	(D)	952
Farms with—									
1 to 4	332	295	23	11	11	11	–	–	3
5 to 9	156	133	22	1	1	1	–	–	–
10 to 49	1 861	1 550	272	34	32	31	2	2	5
50 to 99	1 418	1 112	241	61	61	60	–	–	4
100 to 199	353	230	84	35	34	34	1	–	4
200 to 499	80	43	16	21	20	19	1	–	–
500 or more	8	5	–	3	2	2	1	–	–
Heifers and heifer calves ..... farms..	28 885	24 492	2 890	1 385	1 346	1 326	39	33	118
number..	1 026 132	723 780	140 399	158 982	141 647	130 357	17 335	15 306	2 971
Steers, steer calves, bulls, and bull calves ..... farms..	33 184	28 154	3 254	1 641	1 584	1 561	57	52	135
number..	1 369 683	938 049	182 301	244 880	224 081	216 605	20 799	18 266	4 453

See footnotes at end of table.

Table 47. **Summary by Type of Organization: 1997**—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	
LIVESTOCK—Con.									
Cattle and calves sold ..... farms..	38 548	32 673	3 751	1 967	1 900	1 872	67	61	157
number..	2 881 122	1 886 565	367 553	616 780	554 098	517 003	62 682	56 533	10 224
$1,000..	1 850 796	1 153 341	240 280	450 958	406 575	378 986	44 383	40 579	6 217
Calves ..... farms..	13 659	11 647	1 456	512	491	485	21	20	44
number..	374 343	293 923	47 221	31 985	30 548	30 092	1 437	(D)	1 214
$1,000..	104 629	84 059	12 984	7 270	7 064	6 989	207	(D)	316
Cattle ..... farms..	31 926	27 008	3 069	1 712	1 654	1 626	58	52	137
number..	2 506 779	1 592 642	320 332	584 795	523 550	486 911	61 245	(D)	9 010
$1,000..	1 746 167	1 069 282	227 297	443 688	399 511	371 997	44 176	(D)	5 901
Fattened on grain and concentrates .... farms..	13 071	10 697	1 337	994	962	948	32	29	43
number..	1 646 477	950 686	225 001	466 202	432 427	397 489	33 775	29 457	4 588
$1,000..	1 269 513	727 185	175 671	363 174	339 731	313 541	23 443	20 079	3 483
Hogs and pigs inventory ..... farms..	17 243	13 582	1 843	1 770	1 649	1 628	121	101	48
number..	14 651 919	8 685 401	2 637 310	3 229 620	2 721 667	2 669 956	507 953	441 297	99 588
Farms with—									
1 to 24	1 258	1 138	90	28	28	28	–	–	2
25 to 49	730	650	56	17	12	12	5	2	7
50 to 99	1 172	1 005	128	36	34	33	2	1	3
100 to 199	2 040	1 758	188	89	86	83	3	3	5
200 to 499	4 653	3 886	462	295	289	284	6	6	10
500 or more	7 390	5 145	919	1 305	1 200	1 188	105	89	21
Used or to be used for breeding ..... farms..	10 708	8 231	1 255	1 192	1 100	1 082	92	73	30
number..	1 366 141	717 471	247 735	393 011	298 686	288 306	94 325	75 285	7 924
Other ..... farms..	16 685	13 106	1 792	1 740	1 626	1 605	114	99	47
number..	13 285 778	7 967 930	2 389 575	2 836 609	2 422 981	2 381 650	413 628	366 012	91 664
Hogs and pigs sold..... farms..	18 370	14 548	1 919	1 850	1 724	1 701	126	106	53
number..	27 495 818	15 606 432	4 527 688	7 136 286	5 419 875	5 237 602	1 716 411	1 336 557	225 412
$1,000..	3 029 972	1 745 102	561 055	702 104	575 637	556 056	126 467	105 730	21 711
Feeder pigs ..... farms..	2 344	1 742	250	338	272	269	66	54	14
number..	4 476 541	1 753 451	(D)	2 236 208	1 205 817	1 171 483	1 030 391	750 799	(D)
$1,000..	178 272	73 194	(D)	86 088	41 851	40 713	44 238	33 683	(D)
Litters of pigs farrowed between—									
Dec. 1 of preceding year and Nov. 30 .... farms..	11 231	8 657	1 310	1 234	1 140	1 121	94	75	30
number..	2 167 455	1 094 514	394 152	663 620	484 864	465 502	178 756	137 887	15 169
Dec. 1 and May 31..... farms..	10 722	8 228	1 254	1 210	1 117	1 098	93	74	30
number..	1 082 030	550 857	191 396	332 555	241 777	232 419	90 778	69 906	7 222
June 1 and Nov. 30 ..... farms..	10 412	7 972	1 229	1 184	1 094	1 075	90	72	27
number..	1 085 425	543 657	202 756	331 065	243 087	233 083	87 978	67 981	7 947
Sheep and lambs of all ages inventory..... farms..	4 431	3 921	331	157	150	146	7	6	22
number..	265 305	222 006	25 382	16 922	(D)	11 136	(D)	(D)	995
Ewes 1 year old or older ..... farms..	4 037	3 581	301	136	130	126	6	5	19
number..	138 269	122 447	10 144	5 336	5 108	4 808	228	(D)	342
Sheep and lambs sold..... farms..	4 536	4 028	335	155	148	144	7	6	18
number..	319 349	264 332	33 621	20 377	(D)	14 890	(D)	(D)	1 019
Sheep and lambs shorn ..... farms..	3 945	3 500	291	137	131	127	6	5	17
number..	241 676	205 551	23 713	11 848	11 346	11 106	502	(D)	564
pounds of wool..	1 517 411	1 301 444	147 614	65 388	63 002	61 474	2 386	(D)	2 965
Horses and ponies inventory ..... farms..	9 636	8 585	640	364	348	346	16	14	47
number..	60 421	53 984	3 920	2 218	2 110	(D)	108	(D)	299
Horses and ponies sold..... farms..	2 199	1 995	125	72	69	69	3	3	7
number..	9 605	8 675	561	344	322	322	22	22	25
Goats inventory ..... farms..	955	870	55	23	19	19	4	3	7
number..	12 275	11 171	900	182	168	168	14	(D)	22
Goats sold ..... farms..	379	347	20	11	11	11	–	–	1
number..	5 043	4 806	(D)	49	49	49	–	–	(D)
POULTRY									
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	1 892	1 658	152	74	59	58	15	12	8
number..	24 876 834	6 780 163	(D)	11 990 991	(D)	(D)	(D)	(D)	(D)
Farms with—									
1 to 399	1 714	1 545	125	37	29	29	8	8	7
400 to 3,199	40	34	4	1	1	1	–	–	1
3,200 to 9,999.....	31	27	1	3	3	3	–	–	–
10,000 to 19,999	22	20	2	–	–	–	–	–	–
20,000 to 49,999	20	14	3	3	2	2	1	1	–
50,000 to 99,999	19	6	7	6	5	5	1	1	–
100,000 or more	46	12	10	24	19	18	5	2	–
Layers 20 weeks old and older ..... farms..	1 831	1 614	144	67	55	54	12	9	6
number..	21 509 521	5 691 875	5 695 031	10 122 013	9 277 244	(D)	844 769	245 659	602
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	306	257	26	20	16	16	4	3	3
number..	3 367 313	1 088 288	(D)	1 868 978	(D)	(D)	(D)	(D)	(D)
Layers, pullets, and pullet chicks sold (see text)..... farms..	308	229	32	46	40	39	6	4	1
number..	18 534 679	4 235 050	(D)	11 633 646	10 219 946	(D)	1 413 700	(D)	(D)
Broilers and other meat-type chickens sold .. farms..	519	461	37	20	18	18	2	2	1
number..	6 852 810	5 278 398	(D)	1 102 214	(D)	(D)	(D)	(D)	(D)
Farms with—									
1 to 1,999.....	466	416	34	15	14	14	1	1	1
2,000 to 59,999.....	24	21	2	1	1	1	–	–	–
60,000 to 99,999	6	6	–	–	–	–	–	–	–
100,000 or more	23	18	1	4	3	3	1	1	–
Turkey hens kept for breeding ..... farms..	132	120	8	2	2	2	–	–	2
number..	25 726	15 477	237	(D)	(D)	(D)	–	–	(D)
Turkeys sold ..... farms..	206	148	16	41	36	35	5	4	1
number..	7 279 601	2 311 017	(D)	4 195 027	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

Table 47. **Summary by Type of Organization: 1997**—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	
SELECTED CROPS HARVESTED										
Corn for grain or seed	farms	61 860	50 710	5 922	4 928	4 780	4 698	148	129	300
	acres	11 595 308	8 561 000	1 242 102	1 753 230	1 720 353	1 694 472	32 877	27 873	38 976
	bushels	1 537 482 128	1 127 958 800	164 503 889	239 897 567	235 887 157	232 351 565	4 010 410	3 441 765	5 121 872
Irrigated	farms	440	293	45	97	92	91	5	3	5
	acres	77 831	46 496	8 414	21 536	20 757	(D)	779	(D)	1 385
Farms by acres harvested:										
1 to 24 acres		6 289	5 616	504	117	93	84	24	19	52
25 to 99 acres		19 305	16 574	2 010	608	555	546	53	45	113
100 to 249 acres		20 600	17 266	1 896	1 337	1 304	1 278	33	30	101
250 to 499 acres		11 229	8 574	926	1 709	1 689	1 669	20	19	20
500 acres or more		4 437	2 680	586	1 157	1 139	1 121	18	16	14
Corn for silage or green chop	farms	8 405	6 527	1 141	707	688	676	19	15	30
	acres	241 549	165 471	40 304	34 493	33 390	31 927	1 103	851	1 281
	tons, green	3 993 158	2 735 271	650 094	587 514	568 551	540 076	18 963	15 341	20 279
Irrigated	farms	10	7	2	1	1	1	–	–	–
	acres	342	204	(D)	(D)	(D)	(D)	–	–	–
Farms by acres harvested:										
1 to 24 acres		5 276	4 315	636	308	302	294	6	5	17
25 to 99 acres		2 739	2 002	417	310	302	300	8	7	10
100 to 249 acres		341	186	76	76	72	72	4	2	3
250 to 499 acres		42	23	10	9	8	7	1	1	–
500 acres or more		7	1	2	4	4	3	–	–	–
Wheat for grain	farms	719	551	83	80	78	76	2	1	5
	acres	22 123	15 694	2 041	4 292	(D)	(D)	(D)	(D)	96
	bushels	905 333	620 283	85 847	196 388	(D)	(D)	(D)	(D)	2 815
Irrigated	farms	–	–	–	–	–	–	–	–	–
	acres	–	–	–	–	–	–	–	–	–
Farms by acres harvested:										
1 to 24 acres		447	348	53	42	42	40	–	–	4
25 to 99 acres		235	177	28	29	28	28	1	1	1
100 to 249 acres		28	21	2	5	5	5	–	–	–
250 to 499 acres		9	5	–	4	3	3	1	–	–
500 acres or more		–	–	–	–	–	–	–	–	–
Oats for grain	farms	10 823	8 891	1 305	587	570	563	17	14	40
	acres	211 985	167 841	28 987	14 370	13 732	13 624	638	586	787
	bushels	14 293 977	11 337 520	1 877 526	1 025 133	989 882	983 049	35 251	32 239	53 798
Irrigated	farms	2	2	–	–	–	–	–	–	–
	acres	(D)	(D)	–	–	–	–	–	–	–
Farms by acres harvested:										
1 to 24 acres		8 221	6 897	908	389	378	373	11	9	27
25 to 99 acres		2 496	1 917	381	185	182	180	3	2	13
100 to 249 acres		101	73	16	12	9	9	3	3	–
250 to 499 acres		5	4	–	1	1	1	–	–	–
500 acres or more		–	–	–	–	–	–	–	–	–
Soybeans for beans	farms	56 436	46 198	5 181	4 791	4 650	4 572	141	122	266
	acres	9 944 865	7 388 461	1 009 084	1 514 307	1 488 023	1 467 427	26 284	21 815	33 013
	bushels	445 574 589	328 519 954	45 034 405	70 511 301	69 308 477	68 322 625	1 202 824	995 030	1 508 929
Irrigated	farms	294	210	32	50	48	48	2	2	2
	acres	38 664	23 809	(D)	8 505	(D)	(D)	(D)	(D)	(D)
Farms by acres harvested:										
1 to 24 acres		5 643	4 984	498	121	98	90	23	21	40
25 to 99 acres		19 323	16 491	1 960	747	691	674	56	45	125
100 to 249 acres		18 358	15 260	1 538	1 493	1 465	1 444	28	26	67
250 to 499 acres		9 661	7 384	737	1 518	1 496	1 475	22	20	22
500 acres or more		3 451	2 079	448	912	900	889	12	10	12
Potatoes, excluding sweetpotatoes	farms	109	93	7	9	8	8	1	1	–
	acres	1 468	(D)	(D)	942	(D)	(D)	(D)	(D)	–
	cwt	296 675	(D)	(D)	186 542	(D)	(D)	(D)	(D)	–
Irrigated	farms	19	16	2	1	1	1	–	–	–
	acres	750	218	(D)	(D)	(D)	(D)	–	–	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	37 711	31 918	3 628	1 999	1 928	1 895	71	63	166
	acres	1 575 777	1 249 933	199 339	119 657	113 389	111 169	6 268	4 392	6 848
	tons, dry	4 365 999	3 415 068	576 658	356 411	339 274	334 017	17 137	12 523	17 862
Irrigated	farms	85	64	9	12	12	12	–	–	–
	acres	1 372	978	218	176	176	176	–	–	–
Farms by acres harvested:										
1 to 24 acres		18 434	16 137	1 400	811	770	755	41	36	86
25 to 99 acres		15 422	12 846	1 651	859	848	838	11	11	66
100 to 249 acres		3 472	2 704	493	264	247	241	17	15	11
250 to 499 acres		334	208	74	50	50	48	–	–	2
500 acres or more		49	23	10	15	13	13	2	1	1
Alfalfa hay	farms	31 165	26 261	3 124	1 652	1 592	1 566	60	54	128
	acres	1 082 904	858 983	139 554	80 447	76 238	74 948	4 209	2 830	3 920
	tons, dry	3 406 219	2 668 116	453 965	271 855	259 125	256 594	12 730	9 773	12 283
Irrigated	farms	65	47	7	11	11	11	–	–	–
	acres	913	589	158	166	166	166	–	–	–

See footnotes at end of table.

Table 47. **Summary by Type of Organization: 1997**—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	
SELECTED CROPS HARVESTED—Con.									
Vegetables harvested for sale (see text) ..... farms..	786	672	61	48	44	41	4	3	5
acres..	12 533	10 225	1 131	1 157	1 124	1 021	33	(D)	21
Irrigated ..... farms..	117	98	7	11	10	10	1	1	1
acres..	1 476	1 208	(D)	160	(D)	(D)	(D)	(D)	(D)
Farms by acres harvested:									
0.1 to 4.9 acres	477	422	31	20	19	17	1	1	4
5.0 to 24.9 acres	180	149	16	14	11	11	3	2	1
25.0 to 99.9 acres	99	76	12	11	11	11	–	–	–
100.0 to 249.9 acres	26	21	2	3	3	2	–	–	–
250.0 acres or more	4	4	–	–	–	–	–	–	–
Land in orchards ..... farms..	448	378	35	27	23	23	4	4	8
acres..	2 616	1 775	244	560	(D)	(D)	(D)	(D)	37
Irrigated ..... farms..	19	17	1	–	–	–	–	–	1
acres..	118	(D)	(D)	–	–	–	–	–	(D)
Farms by bearing and nonbearing acres:									
0.1 to 4.9 acres	324	279	22	17	14	14	3	3	6
5.0 to 24.9 acres	100	85	11	2	1	1	1	1	2
25.0 to 99.9 acres	22	13	2	7	7	7	–	–	–
100.0 to 249.9 acres	2	1	–	1	1	1	–	–	–
250.0 acres or more	–	–	–	–	–	–	–	–	–

[1]Data are based on a sample of farms.
[2]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 48. **Summary by Age and Principal Occupation of Operator: 1997**

[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
FARMS AND LAND IN FARMS								
Farms ..... number	90 792	56 256	803	4 245	12 148	11 925	12 276	14 859
percent	100.0	62.0	.9	4.7	13.4	13.1	13.5	16.4
Land in farms ..... acres	31 166 699	26 132 409	224 838	1 706 819	6 748 000	6 928 662	6 015 765	4 508 325
Average size of farm ..... acres	343	465	280	402	555	581	490	303
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms	90 792	56 256	803	4 245	12 148	11 925	12 276	14 859
$1,000	11 947 894	10 400 435	103 654	832 113	3 205 492	2 735 375	2 209 269	1 314 531
Average per farm ..... dollars	131 596	184 877	129 084	196 022	263 870	229 382	179 967	88 467
Farms by value of sales:								
Less than $1,000 (see text)	9 230	2 171	17	55	194	244	333	1 328
$1,000 to $2,499	3 961	840	17	42	95	110	142	434
$2,500 to $4,999	4 577	1 200	17	40	117	183	207	636
$5,000 to $9,999	5 878	1 995	37	77	210	231	355	1 085
$10,000 to $19,999	7 383	3 244	80	166	346	377	606	1 669
$20,000 to $24,999	3 124	1 583	25	95	185	203	299	776
$25,000 to $39,999	7 366	4 148	88	291	535	592	822	1 820
$40,000 to $49,999	4 082	2 536	52	172	365	378	557	1 012
$50,000 to $99,999	13 735	9 976	170	782	1 755	1 987	2 454	2 828
$100,000 to $249,999	19 119	16 973	192	1 569	4 583	4 236	4 150	2 243
$250,000 to $499,999	8 404	7 952	71	653	2 546	2 316	1 678	688
$500,000 to $999,999	2 858	2 663	26	234	896	794	495	218
$1,000,000 to $2,499,999	888	824	11	63	268	228	149	105
$2,500,000 to $4,999,999	120	105	–	6	32	37	19	11
$5,000,000 or more	67	46	–	–	21	9	10	6
Grains ..... farms	64 058	46 593	644	3 554	10 627	10 444	10 520	10 804
$1,000	6 011 171	5 319 092	46 104	357 849	1 476 737	1 488 330	1 217 680	732 391
Sales of $50,000 or more ..... farms	33 199	28 840	283	2 170	7 557	7 477	6 907	4 446
$1,000	5 378 196	4 909 659	37 573	324 677	1 402 583	1 417 283	1 131 965	595 578
Corn for grain ..... farms	56 466	42 189	555	3 155	9 641	9 576	9 656	9 606
$1,000	3 225 141	2 850 996	25 357	193 242	787 994	794 363	655 446	394 593
Wheat ..... farms	699	557	2	38	155	119	128	115
$1,000	2 936	2 418	(D)	(D)	577	527	(D)	528
Soybeans ..... farms	56 373	42 356	574	3 237	9 839	9 645	9 606	9 455
$1,000	2 765 812	2 450 612	20 538	162 992	684 140	689 747	558 524	334 671
Sorghum for grain ..... farms	32	29	–	2	5	7	7	8
$1,000	121	113	–	(D)	19	26	(D)	49
Barley ..... farms	76	62	–	9	16	14	12	11
$1,000	178	150	–	29	48	26	21	26
Oats ..... farms	5 638	4 695	59	327	1 175	1 099	1 024	1 011
$1,000	11 024	9 729	120	644	2 434	2 402	2 205	1 924
Other grains ..... farms	287	240	1	17	53	62	67	40
$1,000	5 960	5 074	(D)	(D)	1 524	1 239	938	599
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	14 636	9 536	98	713	2 202	2 075	2 063	2 385
$1,000	88 970	68 535	684	6 257	17 255	16 287	14 186	13 865
Sales of $50,000 or more ..... farms	141	121	2	12	37	32	22	16
$1,000	12 260	10 331	(D)	(D)	2 545	2 512	1 839	2 022
Vegetables, sweet corn, and melons ..... farms	776	434	2	30	103	119	84	96
$1,000	8 568	7 089	(D)	(D)	1 496	2 356	1 538	1 467
Sales of $50,000 or more ..... farms	40	39	–	–	9	14	8	8
$1,000	4 133	(D)	–	–	880	1 616	790	(D)
Fruits, nuts, and berries ..... farms	323	158	–	5	31	35	30	57
$1,000	3 627	2 548	–	10	424	558	716	840
Sales of $50,000 or more ..... farms	19	15	–	–	3	5	3	4
$1,000	2 133	1 759	–	–	294	480	516	469
Nursery and greenhouse crops ..... farms	819	329	2	13	77	89	75	73
$1,000	73 208	54 506	(D)	(D)	9 083	19 453	18 953	5 607
Sales of $50,000 or more ..... farms	180	107	1	4	30	40	25	7
$1,000	66 888	51 726	(D)	(D)	8 505	18 896	18 339	4 751
Other crops ..... farms	115	83	–	6	21	28	11	17
$1,000	1 725	1 668	–	44	487	928	18	191
Sales of $50,000 or more ..... farms	9	9	–	–	1	7	–	1
$1,000	1 418	1 418	–	–	(D)	(D)	–	(D)
Poultry and poultry products ..... farms	1 598	900	15	81	220	195	201	188
$1,000	414 429	281 679	4 369	9 697	115 165	39 951	86 508	25 990
Sales of $50,000 or more ..... farms	282	227	5	18	69	59	54	22
$1,000	412 269	280 242	4 357	9 610	114 874	39 636	86 176	25 588
Dairy products ..... farms	3 958	3 701	55	461	1 131	879	753	422
$1,000	408 694	396 146	4 978	49 517	133 907	94 962	73 480	39 302
Sales of $50,000 or more ..... farms	2 635	2 561	32	322	864	624	488	231
$1,000	374 552	365 802	4 440	46 131	126 094	88 082	66 610	34 446
Cattle and calves ..... farms	38 548	26 973	357	2 116	5 935	5 713	5 994	6 858
$1,000	1 850 796	1 637 095	12 203	112 674	420 130	424 298	365 937	301 853
Sales of $50,000 or more ..... farms	5 736	5 298	41	370	1 342	1 340	1 347	858
$1,000	1 435 407	1 315 735	8 423	87 077	347 733	356 001	292 336	224 165

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—Con.

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

Item	Other occupations						
		Age of operator (years)					
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
FARMS AND LAND IN FARMS							
Farms ..... number..	34 536	665	3 309	8 693	9 588	6 924	5 357
percent..	38.0	.7	3.6	9.6	10.6	7.6	5.9
Land in farms ..... acres..	5 034 290	59 003	423 533	1 216 556	1 484 977	1 040 295	809 926
Average size of farm ..... acres..	146	89	128	140	155	150	151
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... farms..	34 536	665	3 309	8 693	9 588	6 924	5 357
$1,000..	1 547 459	18 658	173 997	388 531	490 982	271 385	203 906
Average per farm ..... dollars..	44 807	28 057	52 583	44 695	51 208	39 195	38 063
Farms by value of sales:							
Less than $1,000 (see text)	7 059	50	357	1 240	1 882	1 643	1 887
$1,000 to $2,499	3 121	77	298	869	845	639	393
$2,500 to $4,999	3 377	93	295	862	931	716	480
$5,000 to $9,999	3 883	107	367	941	1 092	787	589
$10,000 to $19,999	4 139	117	441	989	1 161	857	574
$20,000 to $24,999	1 541	25	179	405	404	325	203
$25,000 to $39,999	3 218	63	373	840	914	618	410
$40,000 to $49,999	1 546	40	168	447	462	273	156
$50,000 to $99,999	3 759	61	473	1 183	1 069	598	375
$100,000 to $249,999	2 146	21	274	707	611	333	200
$250,000 to $499,999	452	10	46	137	134	77	48
$500,000 to $999,999	195	1	29	54	51	32	28
$1,000,000 to $2,499,999	64	–	5	17	15	20	7
$2,500,000 to $4,999,999	15	–	2	1	8	3	1
$5,000,000 or more	21	–	2	1	9	3	6
Grains ..... farms..	17 465	350	1 807	4 669	4 991	3 443	2 205
$1,000..	692 079	10 115	70 652	196 727	206 503	125 506	82 577
Sales of $50,000 or more ..... farms..	4 359	56	460	1 355	1 274	738	476
$1,000..	468 537	5 134	46 193	137 876	141 717	82 521	55 096
Corn for grain ..... farms..	14 277	266	1 493	3 896	4 102	2 787	1 733
$1,000..	374 145	5 235	37 683	106 692	111 095	67 843	45 596
Wheat ..... farms..	142	–	14	28	51	26	23
$1,000..	518	–	(D)	(D)	156	136	84
Soybeans ..... farms..	14 017	281	1 458	3 821	3 993	2 714	1 750
$1,000..	315 200	4 864	32 712	89 507	94 595	56 882	36 640
Sorghum for grain ..... farms..	3	–	–	–	1	2	–
$1,000..	7	–	–	–	(D)	(D)	–
Barley ..... farms..	14	–	–	2	8	4	–
$1,000..	28	–	–	(D)	(D)	(D)	–
Oats ..... farms..	943	17	115	303	263	152	93
$1,000..	1 295	16	166	396	362	230	125
Other grains ..... farms..	47	–	3	11	12	14	7
$1,000..	886	–	(D)	(D)	283	400	132
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..	5 100	65	502	1 365	1 560	950	658
$1,000..	20 435	360	1 891	5 247	6 119	3 467	3 352
Sales of $50,000 or more ..... farms..	20	–	–	3	7	3	7
$1,000..	1 928	–	–	282	732	173	741
Vegetables, sweet corn, and melons ..... farms..	342	3	18	101	123	55	42
$1,000..	1 479	56	99	330	598	174	221
Sales of $50,000 or more ..... farms..	1	–	–	–	1	–	–
$1,000..	(D)	–	–	–	(D)	–	–
Fruits, nuts, and berries ..... farms..	165	–	5	41	60	28	31
$1,000..	1 080	–	(D)	158	607	150	(D)
Sales of $50,000 or more ..... farms..	4	–	–	1	3	–	–
$1,000..	374	–	–	(D)	(D)	–	–
Nursery and greenhouse crops ..... farms..	490	1	15	131	179	100	64
$1,000..	18 702	(D)	(D)	5 637	3 786	4 609	3 992
Sales of $50,000 or more ..... farms..	73	–	3	23	22	14	11
$1,000..	15 162	–	558	4 591	2 569	4 087	3 357
Other crops ..... farms..	32	–	1	8	14	6	3
$1,000..	56	–	(D)	28	17	5	(D)
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Poultry and poultry products ..... farms..	698	7	77	249	217	93	55
$1,000..	132 750	(D)	(D)	7 172	61 613	28 681	15 264
Sales of $50,000 or more ..... farms..	55	–	6	11	16	13	9
$1,000..	132 027	–	(D)	(D)	61 438	28 597	15 160
Dairy products ..... farms..	257	4	34	71	60	54	34
$1,000..	12 548	39	800	4 864	2 169	2 873	1 803
Sales of $50,000 or more ..... farms..	74	–	3	23	16	18	14
$1,000..	8 750	–	238	3 670	1 327	2 172	1 343
Cattle and calves ..... farms..	11 575	247	1 361	3 243	3 174	2 153	1 397
$1,000..	213 701	2 017	18 358	50 887	65 119	38 754	38 566
Sales of $50,000 or more ..... farms..	438	3	58	127	103	83	64
$1,000..	119 672	452	7 757	25 523	38 291	20 653	26 995

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—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
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Hogs and pigs ..... farms..	18 370	14 744	257	1 664	4 448	3 679	2 888	1 808
$1,000..	3 029 972	2 595 969	34 973	291 380	1 023 194	636 921	421 597	187 903
Sales of $50,000 or more ..... farms..	10 657	9 321	144	1 136	3 161	2 357	1 736	787
$1,000..	2 879 196	2 480 123	32 887	279 301	993 491	607 722	397 059	169 663
Sheep, lambs, and wool ..... farms..	4 598	2 501	19	184	552	587	526	633
$1,000..	30 214	20 504	195	2 201	4 377	5 731	5 442	2 557
Sales of $50,000 or more ..... farms..	82	60	1	11	15	14	15	4
$1,000..	14 572	10 508	(D)	1 232	2 048	3 020	3 460	(D)
Other livestock and livestock products (see text) ..... farms..	3 023	1 207	12	110	273	317	231	264
$1,000..	26 520	15 604	35	955	3 237	5 601	3 212	2 564
Sales of $50,000 or more ..... farms..	76	57	–	5	13	17	15	7
$1,000..	14 178	10 096	–	611	1 962	3 931	2 243	1 349
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms..	2 174	1 176	25	115	310	317	217	192
$1,000..	7 475	5 156	34	289	1 158	1 659	1 350	665
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses ..... farms..	90 786	56 184	923	4 173	11 721	11 483	12 257	15 627
$1,000..	8 405 838	7 162 714	81 678	543 609	2 200 831	1 840 576	1 528 964	967 056
Average per farm ..... dollars..	92 590	127 487	88 492	130 268	187 768	160 287	124 742	61 884
Livestock and poultry purchased ..... farms..	30 572	21 254	412	2 046	5 447	4 854	4 420	4 075
$1,000..	1 260 448	1 083 085	14 367	88 829	325 306	285 521	213 098	155 963
Farms with expenses of—								
$1 to $4,999	13 379	7 671	148	654	1 614	1 621	1 607	2 027
$5,000 to $24,999	9 489	6 983	137	753	1 810	1 607	1 454	1 222
$25,000 to $99,999	5 333	4 466	102	437	1 334	1 052	950	591
$100,000 to $249,999	1 322	1 198	12	111	393	327	226	129
$250,000 or more	1 049	936	13	91	296	247	183	106
Feed for livestock and poultry ..... farms..	46 733	31 806	548	2 705	7 784	6 819	6 892	7 058
$1,000..	1 585 107	1 331 964	13 703	114 607	519 097	302 778	259 035	122 744
Farms with expenses of—								
$1 to $4,999	23 264	12 329	232	764	2 201	2 143	2 698	4 291
$5,000 to $24,999	12 922	10 100	237	935	2 381	2 301	2 279	1 967
$25,000 to $99,999	7 779	6 895	49	732	2 302	1 710	1 517	585
$100,000 to $249,999	1 809	1 657	22	199	599	436	265	136
$250,000 or more	959	825	8	75	301	229	133	79
Commercially mixed formula feeds ..... farms..	27 617	18 868	336	1 764	5 017	4 285	4 017	3 449
$1,000..	854 175	707 094	7 631	53 624	317 595	144 441	133 131	50 671
Farms with expenses of—								
$1 to $4,999	14 923	8 223	158	600	1 804	1 593	1 816	2 252
$5,000 to $24,999	7 904	6 409	145	681	1 737	1 633	1 364	849
$25,000 to $99,999	3 560	3 139	17	368	1 066	756	668	264
$100,000 or more	1 230	1 097	16	115	410	303	169	84
Seeds, bulbs, plants, and trees ..... farms..	68 732	49 128	766	3 756	10 692	10 522	11 248	12 144
$1,000..	488 961	425 897	4 858	28 697	115 525	113 735	97 428	65 654
Farms with expenses of—								
$1 to $999	12 228	4 946	58	257	535	677	1 002	2 417
$1,000 to $4,999	24 804	16 374	348	1 361	2 718	2 733	3 711	5 503
$5,000 to $24,999	28 798	25 013	334	2 000	6 595	6 172	5 949	3 963
$25,000 to $49,999	2 462	2 377	24	121	704	808	496	224
$50,000 or more	440	418	2	17	140	132	90	37
Commercial fertilizer ..... farms..	65 626	47 147	695	3 581	10 313	10 178	10 854	11 526
$1,000..	636 785	558 105	6 142	36 514	143 398	147 842	133 505	90 705
Farms with expenses of—								
$1 to $4,999	29 645	16 043	296	1 312	2 431	2 514	3 198	6 292
$5,000 to $24,999	30 385	25 822	366	1 960	6 530	6 017	6 428	4 521
$25,000 to $49,999	4 432	4 181	29	260	1 052	1 272	1 001	567
$50,000 or more	1 164	1 101	4	49	300	375	227	146
Agricultural chemicals ..... farms..	64 489	44 764	685	3 400	9 713	9 737	10 214	11 015
$1,000..	521 566	453 511	4 995	30 011	123 523	123 069	104 089	67 824
Farms with expenses of—								
$1 to $4,999	33 739	18 522	323	1 443	2 891	3 126	3 792	6 947
$5,000 to $24,999	26 795	22 471	340	1 753	5 705	5 376	5 628	3 669
$25,000 to $49,999	3 191	3 024	20	171	880	979	656	318
$50,000 or more	764	747	2	33	237	256	138	81
Petroleum products ..... farms..	84 456	54 504	913	4 067	11 549	11 298	12 054	14 623
$1,000..	350 799	299 413	3 753	22 625	81 950	77 470	65 820	47 795
Farms with expenses of—								
$1 to $4,999	61 749	33 847	672	2 437	5 420	5 754	7 548	12 016
$5,000 to $24,999	21 538	19 594	218	1 556	5 797	5 238	4 302	2 483
$25,000 to $49,999	966	888	22	61	282	250	168	105
$50,000 or more	203	175	1	13	50	56	36	19
Gasoline and gasohol ..... farms..	70 591	46 179	705	3 387	9 897	9 670	10 299	12 221
$1,000..	83 552	67 919	750	5 184	17 244	17 023	14 902	12 815
Diesel fuel ..... farms..	65 871	47 559	798	3 666	10 587	10 342	10 729	11 437
$1,000..	151 144	132 725	1 902	9 605	36 445	34 598	29 178	20 998
Natural gas ..... farms..	4 094	3 129	43	276	772	944	568	526
$1,000..	9 805	8 024	75	637	1 910	2 749	1 662	991
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	71 329	50 304	811	3 891	11 045	10 713	11 345	12 499
$1,000..	106 298	90 746	1 026	7 198	26 351	23 100	20 078	12 992

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—Con.

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

Item	Other occupations						
		Age of operator (years)					
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.							
Total sales (see text)—Con.							
Hogs and pigs ..... farms..	3 626	120	586	1 325	941	442	212
$1,000..	434 003	5 235	59 383	110 725	138 718	63 530	56 414
Sales of $50,000 or more ..... farms..	1 336	27	249	484	361	146	69
$1,000..	399 073	4 048	53 813	97 075	130 467	59 212	54 458
Sheep, lambs, and wool ..... farms..	2 097	52	207	615	644	372	207
$1,000..	9 710	517	1 328	2 736	3 002	1 219	907
Sales of $50,000 or more ..... farms..	22	1	6	7	4	2	2
$1,000..	4 064	(D)	794	1 072	1 235	(D)	(D)
Other livestock and livestock products (see text) ..... farms..	1 816	21	159	555	582	342	157
$1,000..	10 916	308	771	4 019	2 732	2 417	669
Sales of $50,000 or more ..... farms..	19	1	3	4	6	4	1
$1,000..	4 081	(D)	230	(D)	415	915	(D)
Value of agricultural products sold directly to individuals for human consumption (see text)..... farms..	998	16	105	346	321	127	83
$1,000..	2 319	33	188	652	996	296	153
FARM PRODUCTION EXPENSES[1]							
Total farm production expenses ..... farms..	34 602	657	3 354	8 766	9 723	6 594	5 508
$1,000..	1 243 124	18 176	133 331	317 896	400 966	217 467	155 289
Average per farm ..... dollars..	35 926	27 664	39 753	36 265	41 239	32 980	28 193
Livestock and poultry purchased ..... farms..	9 318	204	1 224	3 131	2 605	1 264	890
$1,000..	177 363	1 963	25 200	50 693	50 815	25 931	22 761
Farms with expenses of—							
$1 to $4,999	5 708	131	680	1 843	1 703	790	561
$5,000 to $24,999	2 506	59	339	882	657	340	229
$25,000 to $99,999	867	11	175	339	173	95	74
$100,000 to $249,999	124	2	15	47	32	15	13
$250,000 or more	113	1	15	20	40	24	13
Feed for livestock and poultry ..... farms..	14 927	346	1 791	4 584	4 184	2 409	1 613
$1,000..	253 143	2 133	29 948	51 754	89 562	39 755	39 990
Farms with expenses of—							
$1 to $4,999	10 935	269	1 156	3 275	3 179	1 849	1 207
$5,000 to $24,999	2 822	55	396	934	749	395	293
$25,000 to $99,999	884	19	210	291	184	107	73
$100,000 to $249,999	152	3	17	54	30	30	18
$250,000 or more	134	–	12	30	42	28	22
Commercially mixed formula feeds ..... farms..	8 749	181	1 048	2 814	2 451	1 453	802
$1,000..	147 081	1 138	15 821	28 483	51 543	25 434	24 662
Farms with expenses of—							
$1 to $4,999	6 700	150	828	2 047	1 875	1 152	648
$5,000 to $24,999	1 495	19	151	575	429	223	98
$25,000 to $99,999	421	9	56	163	102	51	40
$100,000 or more	133	3	13	29	45	27	16
Seeds, bulbs, plants, and trees ..... farms..	19 604	361	1 906	5 127	5 869	3 864	2 477
$1,000..	63 063	1 070	5 689	18 204	18 927	12 231	6 941
Farms with expenses of—							
$1 to $999	7 282	157	679	1 606	2 159	1 633	1 048
$1,000 to $4,999	8 430	142	841	2 345	2 565	1 505	1 032
$5,000 to $24,999	3 785	61	379	1 151	1 115	697	382
$25,000 to $49,999	85	–	6	22	19	27	11
$50,000 or more	22	1	1	3	11	2	4
Commercial fertilizer ..... farms..	18 479	364	1 820	4 969	5 489	3 584	2 253
$1,000..	78 681	1 300	7 114	22 325	23 913	15 513	8 514
Farms with expenses of—							
$1 to $4,999	13 602	272	1 395	3 450	3 962	2 761	1 762
$5,000 to $24,999	4 563	83	396	1 449	1 427	743	465
$25,000 to $49,999	251	9	22	60	82	57	21
$50,000 or more	63	–	7	10	18	23	5
Agricultural chemicals ..... farms..	19 725	345	2 020	5 287	5 737	3 780	2 556
$1,000..	68 055	1 082	6 295	18 870	20 883	13 250	7 676
Farms with expenses of—							
$1 to $4,999	15 217	273	1 611	3 934	4 379	2 932	2 088
$5,000 to $24,999	4 324	71	401	1 291	1 283	834	444
$25,000 to $49,999	167	1	5	60	70	11	20
$50,000 or more	17	–	3	2	5	3	4
Petroleum products ..... farms..	29 952	625	3 043	7 901	8 463	5 627	4 293
$1,000..	51 386	987	5 019	13 927	15 283	9 946	6 224
Farms with expenses of—							
$1 to $4,999	27 902	565	2 866	7 286	7 836	5 277	4 072
$5,000 to $24,999	1 944	59	172	596	583	325	209
$25,000 to $49,999	78	1	4	17	33	17	6
$50,000 or more	28	–	1	2	11	8	6
Gasoline and gasohol ..... farms..	24 412	523	2 407	6 383	7 012	4 615	3 472
$1,000..	15 634	299	1 571	4 331	4 645	2 804	1 983
Diesel fuel ..... farms..	18 312	417	1 983	5 161	5 236	3 227	2 288
$1,000..	18 419	407	1 704	5 231	5 590	3 459	2 028
Natural gas ..... farms..	965	35	101	270	236	207	116
$1,000..	1 782	18	135	252	688	421	268
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	21 025	390	2 252	5 737	6 057	3 798	2 791
$1,000..	15 552	263	1 609	4 113	4 359	3 263	1 945

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—Con.

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

Item	Total farming and other occupations	Farming						
			Age of operator (years)					
		Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
FARM PRODUCTION EXPENSES[1]—Con.								
Total farm production expenses—Con.								
Electricity ..... farms..	73 232	49 751	749	3 481	10 747	10 632	11 236	12 906
$1,000..	127 679	106 699	1 131	7 629	29 853	26 526	24 342	17 217
Farms with expenses of—								
$1 to $999	36 803	19 297	348	1 251	3 020	3 133	4 077	7 468
$1,000 to $4,999	32 280	26 619	361	1 929	6 509	6 438	6 396	4 986
$5,000 to $24,999	3 929	3 648	39	287	1 153	1 006	726	437
$25,000 to $49,999	151	136	1	9	43	47	26	10
$50,000 or more	69	51	–	5	22	8	11	5
Hired farm labor ..... farms..	33 016	24 629	244	1 851	6 372	5 924	5 382	4 856
$1,000..	316 779	273 395	1 960	16 095	86 122	71 887	62 324	35 007
Farms with expenses of—								
$1 to $4,999	23 586	16 172	182	1 332	3 940	3 576	3 518	3 624
$5,000 to $24,999	6 689	5 951	40	351	1 733	1 585	1 304	938
$25,000 to $99,999	2 315	2 137	21	149	589	655	475	248
$100,000 to $249,999	328	294	1	13	85	89	67	39
$250,000 or more	98	75	–	6	25	19	18	7
Workers by days worked:								
150 days or more ..... farms..	10 990	9 190	85	601	2 514	2 279	2 101	1 610
workers..	20 517	17 571	143	1 120	5 227	4 239	4 278	2 564
Less than 150 days ..... farms..	29 661	21 555	229	1 691	5 568	5 081	4 655	4 331
workers..	73 630	55 149	474	4 059	15 793	14 408	11 606	8 809
Contract labor ..... farms..	6 152	4 105	26	300	1 147	1 085	811	736
$1,000..	24 905	17 681	63	1 412	5 709	4 705	3 434	2 357
Farms with expenses of—								
$1 to $999	2 512	1 356	10	109	353	313	274	297
$1,000 to $4,999	2 713	1 995	15	135	564	547	391	343
$5,000 to $24,999	812	664	1	49	202	198	127	87
$25,000 to $49,999	63	50	–	4	14	15	11	6
$50,000 or more	52	40	–	3	14	12	8	3
Repair and maintenance ..... farms..	78 128	51 722	760	3 814	11 241	10 843	11 525	13 539
$1,000..	504 525	427 963	4 310	27 434	113 289	112 180	98 342	72 407
Farms with expenses of—								
$1 to $4,999	46 146	24 025	447	1 988	3 860	3 814	4 947	8 969
$5,000 to $24,999	29 129	25 014	283	1 684	6 598	6 174	6 042	4 233
$25,000 to $49,999	2 300	2 182	28	117	622	698	428	289
$50,000 or more	553	501	2	25	161	157	108	48
Customwork, machine hire, and rental of machinery and equipment..... farms..	43 788	29 477	400	2 231	6 311	6 601	6 673	7 261
$1,000..	168 101	122 068	1 509	9 352	29 580	30 451	26 909	24 267
Farms with expenses of—								
$1 to $999	15 486	8 682	96	712	1 771	1 535	1 943	2 625
$1,000 to $4,999	19 166	13 776	206	960	2 904	3 255	3 158	3 293
$5,000 to $24,999	8 471	6 549	98	514	1 487	1 686	1 513	1 251
$25,000 to $49,999	468	328	–	33	100	77	41	77
$50,000 or more	197	142	–	12	49	48	18	15
Interest ..... farms..	55 257	37 865	540	3 128	9 461	9 013	8 737	6 986
$1,000..	600 284	502 002	5 170	34 158	149 382	134 694	112 778	65 820
Farms with expenses of—								
$1 to $4,999	26 319	14 594	278	1 309	3 051	2 868	3 365	3 723
$5,000 to $24,999	23 038	17 885	213	1 529	4 919	4 554	4 078	2 592
$25,000 to $99,999	5 631	5 144	48	279	1 416	1 520	1 237	644
$100,000 or more	269	242	1	11	75	71	57	27
Secured by real estate ..... farms..	36 993	25 105	238	1 637	6 196	6 379	5 991	4 664
$1,000..	347 061	283 313	2 560	16 541	75 199	76 737	70 889	41 387
Farms with expenses of—								
$1 to $999	4 105	2 055	17	137	326	336	475	764
$1,000 to $4,999	13 186	7 451	67	444	1 907	1 871	1 675	1 487
$5,000 to $24,999	16 914	13 049	129	949	3 349	3 421	3 130	2 071
$25,000 to $49,999	2 216	2 028	24	77	479	576	584	288
$50,000 or more	572	522	1	30	135	175	127	54
Not secured by real estate ..... farms..	36 242	26 203	411	2 445	7 013	6 327	5 753	4 254
$1,000..	253 223	218 689	2 609	17 617	74 183	57 957	41 890	24 433
Farms with expenses of—								
$1 to $999	8 257	4 350	56	406	876	720	1 016	1 276
$1,000 to $4,999	14 030	9 609	195	1 006	2 295	2 331	2 159	1 623
$5,000 to $24,999	12 220	10 622	147	911	3 295	2 776	2 296	1 197
$25,000 to $49,999	1 249	1 174	8	85	379	395	206	101
$50,000 or more	486	448	5	37	168	105	76	57
Cash rent ..... farms..	36 892	28 622	561	2 708	8 071	7 079	6 347	3 856
$1,000..	866 955	774 027	11 519	71 940	266 184	216 920	141 873	65 590
Farms with expenses of—								
$1 to $4,999	9 782	5 873	105	493	1 349	1 150	1 489	1 287
$5,000 to $9,999	5 578	4 302	79	404	1 015	961	1 104	739
$10,000 to $24,999	10 588	8 546	205	803	2 377	2 154	1 931	1 076
$25,000 or more	10 944	9 901	172	1 008	3 330	2 814	1 823	754
Property taxes ..... farms..	79 236	49 120	548	2 929	9 705	10 110	11 397	14 431
$1,000..	242 120	186 669	1 369	7 942	32 435	41 140	52 448	51 336
Farms with expenses of—								
$1 to $4,999	65 405	37 198	477	2 523	7 781	7 416	7 624	11 377
$5,000 to $9,999	10 244	8 769	39	319	1 429	1 909	2 792	2 281
$10,000 to $24,999	3 273	2 870	32	83	439	717	902	697
$25,000 or more	314	283	–	4	56	68	79	76
All other farm production expenses ..... farms..	85 922	55 208	913	4 156	11 606	11 294	12 114	15 125
$1,000..	710 824	600 234	6 830	46 362	179 478	151 658	133 538	82 368
Farms with expenses of—								
$1 to $4,999	53 161	26 902	578	1 836	4 054	3 949	5 489	10 996
$5,000 to $24,999	27 377	23 272	287	1 964	5 845	5 897	5 608	3 671
$25,000 to $49,999	3 592	3 362	30	206	1 167	978	691	290
$50,000 to $99,999	1 297	1 231	15	113	387	348	248	120
$100,000 or more	495	441	3	37	153	122	78	48

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—Con.

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

Item	Other occupations						
		Age of operator (years)					
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
FARM PRODUCTION EXPENSES[1]—Con.							
Total farm production expenses—Con.							
Electricity ..... farms..	23 481	374	2 113	6 368	6 892	4 375	3 359
$1,000..	20 980	344	1 771	5 716	6 312	4 047	2 789
Farms with expenses of—							
$1 to $999	17 506	257	1 473	4 607	5 068	3 364	2 737
$1,000 to $4,999	5 661	108	617	1 681	1 756	939	560
$5,000 to $24,999	281	9	21	75	57	62	57
$25,000 to $49,999	15	–	1	3	4	5	2
$50,000 or more	18	–	1	2	7	5	3
Hired farm labor ..... farms..	8 387	157	689	2 574	2 786	1 292	889
$1,000..	43 384	1 374	2 517	7 167	17 322	9 327	5 677
Farms with expenses of—							
$1 to $4,999	7 414	123	612	2 292	2 530	1 057	800
$5,000 to $24,999	738	23	64	242	205	157	47
$25,000 to $99,999	178	11	9	33	30	64	31
$100,000 to $249,999	34	–	3	5	9	10	7
$250,000 or more	23	–	1	2	12	4	4
Workers by days worked:							
150 days or more ..... farms..	1 800	50	140	471	583	337	219
workers..	2 946	71	164	701	1 082	565	363
Less than 150 days ..... farms..	8 106	149	687	2 475	2 691	1 233	871
workers..	18 481	331	1 437	5 648	6 092	2 900	2 073
Contract labor ..... farms..	2 047	27	123	578	622	427	270
$1,000..	7 224	83	399	1 450	2 832	1 896	563
Farms with expenses of—							
$1 to $999	1 156	7	88	312	375	234	140
$1,000 to $4,999	718	15	13	192	214	179	105
$5,000 to $24,999	148	5	20	67	26	6	24
$25,000 to $49,999	13	–	1	7	1	3	1
$50,000 or more	12	–	1	–	6	5	–
Repair and maintenance ..... farms..	26 406	460	2 618	7 009	7 692	4 927	3 700
$1,000..	76 562	1 226	7 092	21 173	23 161	14 612	9 298
Farms with expenses of—							
$1 to $4,999	22 121	373	2 223	5 717	6 444	4 144	3 220
$5,000 to $24,999	4 115	87	385	1 242	1 188	754	459
$25,000 to $49,999	118	–	5	36	45	19	13
$50,000 or more	52	–	5	14	15	10	8
Customwork, machine hire, and rental of machinery and equipment..... farms..	14 311	328	1 587	3 697	4 294	2 669	1 736
$1,000..	46 032	464	3 429	8 327	16 933	9 904	6 976
Farms with expenses of—							
$1 to $999	6 804	203	865	1 798	1 904	1 160	874
$1,000 to $4,999	5 390	104	549	1 401	1 739	1 049	548
$5,000 to $24,999	1 922	21	168	483	598	404	248
$25,000 to $49,999	140	–	4	12	32	43	49
$50,000 or more	55	–	1	3	21	13	17
Interest ..... farms..	17 392	314	2 068	5 276	5 294	2 959	1 481
$1,000..	98 282	1 425	10 091	27 758	32 382	18 567	8 059
Farms with expenses of—							
$1 to $4,999	11 725	229	1 476	3 464	3 434	1 980	1 142
$5,000 to $24,999	5 153	67	570	1 694	1 681	836	305
$25,000 to $99,999	487	18	18	116	167	139	29
$100,000 or more	27	–	4	2	12	4	5
Secured by real estate ..... farms..	11 888	150	1 219	3 550	3 815	2 216	938
$1,000..	63 748	787	6 019	18 261	21 553	13 160	3 969
Farms with expenses of—							
$1 to $999	2 050	49	202	455	731	389	224
$1,000 to $4,999	5 735	36	673	1 775	1 757	1 021	473
$5,000 to $24,999	3 865	64	332	1 268	1 233	740	228
$25,000 to $49,999	188	1	9	48	70	53	7
$50,000 or more	50	–	3	4	24	13	6
Not secured by real estate ..... farms..	10 039	218	1 271	3 232	2 993	1 524	801
$1,000..	34 534	638	4 072	9 497	10 829	5 407	4 090
Farms with expenses of—							
$1 to $999	3 907	103	446	1 244	1 076	633	405
$1,000 to $4,999	4 421	70	615	1 422	1 379	636	299
$5,000 to $24,999	1 598	44	199	534	506	236	79
$25,000 to $49,999	75	1	4	28	21	12	9
$50,000 or more	38	–	7	4	11	7	9
Cash rent ..... farms..	8 270	292	1 263	2 983	2 184	1 079	469
$1,000..	92 929	2 219	14 628	33 761	26 493	11 539	4 289
Farms with expenses of—							
$1 to $4,999	3 909	164	563	1 313	1 055	529	285
$5,000 to $9,999	1 276	28	205	438	320	207	78
$10,000 to $24,999	2 042	85	304	888	466	226	73
$25,000 or more	1 043	15	191	344	343	117	33
Property taxes ..... farms..	30 116	342	2 450	7 347	8 629	6 181	5 167
$1,000..	55 450	421	3 479	11 565	15 414	13 140	11 432
Farms with expenses of—							
$1 to $4,999	28 207	330	2 349	7 058	8 183	5 618	4 669
$5,000 to $9,999	1 475	1	87	203	336	439	409
$10,000 to $24,999	403	11	11	85	98	117	81
$25,000 or more	31	–	3	1	12	7	8
All other farm production expenses ..... farms..	30 714	582	3 027	7 940	8 658	5 815	4 692
$1,000..	110 590	2 083	10 658	25 207	40 735	17 809	14 098
Farms with expenses of—							
$1 to $4,999	26 259	476	2 518	6 576	7 281	5 092	4 316
$5,000 to $24,999	4 105	94	480	1 263	1 272	670	326
$25,000 to $49,999	230	11	20	74	72	25	28
$50,000 to $99,999	66	1	5	20	14	15	11
$100,000 or more	54	–	4	7	19	13	11

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—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
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)[1]								
All farms ..... number..	90 786	56 184	923	4 173	11 721	11 483	12 257	15 627
$1,000..	2 969 179	2 663 010	28 113	207 426	784 450	679 996	588 921	374 104
Average per farm ..... dollars..	32 705	47 398	30 459	49 707	66 927	59 218	48 048	23 940
Farms with net gains[2] ..... number..	60 033	43 796	673	3 348	9 784	9 347	9 677	10 967
Average net gain ..... dollars..	54 248	64 968	46 989	66 204	85 452	76 775	64 663	37 626
Gain of—								
Less than $1,000	2 958	1 014	20	72	107	174	143	498
$1,000 to $9,999	14 355	7 713	131	457	1 154	1 280	1 377	3 314
$10,000 to $49,999	23 955	17 982	321	1 462	3 550	3 650	4 124	4 875
$50,000 or more	18 765	17 087	201	1 357	4 973	4 243	4 033	2 280
Farms with net losses ..... number..	30 753	12 388	250	825	1 937	2 136	2 580	4 660
Average net loss ..... dollars..	9 348	14 719	14 040	17 243	26 645	17 613	14 274	8 271
Loss of—								
Less than $1,000	4 252	1 252	26	48	156	143	276	603
$1,000 to $9,999	19 376	6 653	126	391	862	1 000	1 307	2 967
$10,000 to $49,999	6 564	3 980	89	352	786	869	878	1 006
$50,000 or more	561	503	9	34	133	124	119	84
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME								
Government payments ..... farms..	67 795	45 990	525	3 194	10 021	10 052	10 440	11 758
$1,000..	536 924	432 402	2 902	25 209	110 670	109 753	102 743	81 126
Other farm-related income[1] ..... farms..	39 905	28 571	358	1 987	6 163	6 038	6 609	7 416
$1,000..	260 021	190 273	1 161	10 326	42 213	35 843	43 967	56 762
Customwork and other agricultural services ..... farms..	10 656	8 679	162	929	2 717	2 162	1 712	997
$1,000..	86 843	74 854	689	6 815	27 859	20 242	11 666	7 582
Gross cash rent or share payments ..... farms..	11 241	6 125	19	237	683	883	1 452	2 851
$1,000..	134 239	81 473	180	1 603	5 692	7 946	24 058	41 996
Forest products, excluding Christmas trees and maple products ..... farms..	774	502	–	22	110	64	116	190
$1,000..	4 037	3 238	–	172	628	475	816	1 147
Other farm-related income sources ..... farms..	28 494	22 071	219	1 349	4 625	4 845	5 447	5 586
$1,000..	34 902	30 708	293	1 737	8 034	7 181	7 427	6 037
COMMODITY CREDIT CORPORATION LOANS								
Total ..... farms..	12 999	10 686	147	1 043	3 279	2 803	2 167	1 247
$1,000..	508 209	464 196	3 563	30 721	144 653	148 056	97 460	39 743
Corn ..... farms..	11 532	9 529	128	925	2 969	2 514	1 909	1 084
$1,000..	313 831	287 481	2 263	19 815	91 167	89 705	60 224	24 307
Wheat ..... farms..	14	12	1	4	5	–	1	1
$1,000..	17	(D)	(D)	5	5	–	(D)	(D)
Soybeans ..... farms..	6 070	5 069	69	411	1 505	1 442	1 078	564
$1,000..	194 281	176 639	(D)	10 900	53 474	58 322	37 216	(D)
Sorghum, barley, and oats ..... farms..	92	75	–	11	17	20	21	6
$1,000..	79	(D)	–	1	7	29	(D)	(D)
Cotton ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
Peanuts, rice, and tobacco ..... farms..	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–
LAND IN FARMS ACCORDING TO USE								
Total cropland ..... farms..	83 375	53 592	715	3 962	11 576	11 534	11 897	13 908
acres..	26 821 844	22 966 569	200 713	1 556 017	6 108 148	6 202 360	5 212 419	3 686 912
Harvested cropland ..... farms..	74 951	51 182	694	3 872	11 354	11 231	11 474	12 557
acres..	23 323 249	20 546 063	181 323	1 417 449	5 633 763	5 660 558	4 661 663	2 991 307
Farms by acres harvested:								
1 to 49 acres	15 222	4 628	93	263	563	627	854	2 228
50 to 99 acres	8 807	4 597	110	358	586	638	841	2 064
100 to 199 acres	14 539	9 722	171	795	1 693	1 596	2 077	3 390
200 to 499 acres	21 216	17 821	225	1 529	4 110	4 018	4 485	3 454
500 to 999 acres	11 290	10 696	81	751	3 245	3 067	2 464	1 088
1,000 to 1,999 acres	3 429	3 284	12	157	1 019	1 133	674	289
2,000 acres or more	448	434	2	19	138	152	79	44
Cropland:								
Pasture or grazing only ..... farms..	28 797	19 382	177	1 319	3 982	4 166	4 468	5 270
acres..	2 001 198	1 551 360	13 679	100 450	319 211	360 124	357 653	400 243
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms..	12 494	7 475	75	439	1 515	1 670	1 693	2 083
acres..	672 119	382 854	1 650	16 265	67 028	82 325	81 735	133 851
On which all crops failed ..... farms..	1 188	809	13	54	177	198	184	183
acres..	41 542	30 416	429	1 409	8 139	6 187	7 814	6 438
In cultivated summer fallow ..... farms..	665	478	11	36	76	73	115	167
acres..	32 353	26 088	684	1 495	3 834	4 292	6 608	9 175
Idle ..... farms..	12 221	6 929	62	383	1 339	1 419	1 556	2 170
acres..	751 383	429 788	2 948	18 949	76 173	88 874	96 946	145 898
Total woodland ..... farms..	22 516	13 144	93	691	2 417	2 711	3 211	4 021
acres..	1 315 257	861 951	5 538	36 492	162 867	196 754	229 430	230 870
Woodland pastured ..... farms..	11 335	7 298	60	408	1 325	1 502	1 817	2 186
acres..	633 367	463 208	3 954	19 597	88 889	107 870	123 399	119 499
Woodland not pastured ..... farms..	15 072	8 443	52	402	1 571	1 798	2 058	2 562
acres..	681 890	398 743	1 584	16 895	73 978	88 884	106 031	111 371

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—Con.

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

Item	Other occupations						
		Age of operator (years)					
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)[1]							
All farms ..... number	34 602	657	3 354	8 766	9 723	6 594	5 508
$1,000	306 169	4 687	36 901	62 692	94 631	61 423	45 836
Average per farm ..... dollars	8 848	7 133	11 002	7 152	9 733	9 315	8 322
Farms with net gains[2] ..... number	16 237	410	1 818	3 999	4 734	2 989	2 287
Average net gain ..... dollars	25 331	15 880	25 477	23 310	26 389	26 565	26 641
Gain of—							
Less than $1,000	1 944	82	173	470	587	336	296
$1,000 to $9,999	6 642	180	797	1 584	1 776	1 339	966
$10,000 to $49,999	5 973	110	626	1 536	1 883	984	834
$50,000 or more	1 678	38	222	409	488	330	191
Farms with net losses ..... number	18 365	247	1 536	4 767	4 989	3 605	3 221
Average net loss ..... dollars	5 725	7 385	6 130	6 403	6 073	4 988	4 686
Loss of—							
Less than $1,000	3 000	31	209	730	741	688	601
$1,000 to $9,999	12 723	157	1 074	3 222	3 527	2 435	2 308
$10,000 to $49,999	2 584	59	240	792	711	476	306
$50,000 or more	58	–	13	23	10	6	6
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME							
Government payments ..... farms	21 805	259	1 775	5 139	6 133	4 629	3 870
$1,000	104 522	843	6 673	22 180	28 642	24 058	22 125
Other farm-related income[1] ..... farms	11 334	174	1 070	2 591	3 351	2 213	1 935
$1,000	69 748	650	4 505	10 999	18 517	16 128	18 949
Customwork and other agricultural services ..... farms	1 977	47	363	520	637	240	170
$1,000	11 989	331	2 339	4 524	2 457	982	1 356
Gross cash rent or share payments ..... farms	5 116	39	340	849	1 401	1 217	1 270
$1,000	52 766	276	1 835	5 244	14 335	14 259	16 819
Forest products, excluding Christmas trees and maple products ..... farms	272	1	24	50	90	70	37
$1,000	799	(D)	(D)	120	258	220	131
Other farm-related income sources ..... farms	6 423	111	539	1 628	1 926	1 250	969
$1,000	4 194	(D)	(D)	1 111	1 468	667	644
COMMODITY CREDIT CORPORATION LOANS							
Total ..... farms	2 313	71	305	796	639	341	161
$1,000	44 013	931	5 469	14 934	12 957	6 609	3 112
Corn ..... farms	2 003	55	268	696	549	290	145
$1,000	26 350	582	3 395	9 121	7 599	3 926	1 728
Wheat ..... farms	2	–	–	1	1	–	–
$1,000	(D)	–	–	(D)	(D)	–	–
Soybeans ..... farms	1 001	35	131	351	280	149	55
$1,000	17 642	350	(D)	5 803	5 349	(D)	1 383
Sorghum, barley, and oats ..... farms	17	–	1	6	7	3	–
$1,000	(D)	–	(D)	(D)	(D)	(D)	–
Cotton ..... farms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Peanuts, rice, and tobacco ..... farms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
LAND IN FARMS ACCORDING TO USE							
Total cropland ..... farms	29 783	484	2 692	7 459	8 443	6 083	4 622
acres	3 855 275	48 338	343 107	988 442	1 130 354	765 460	579 574
Harvested cropland ..... farms	23 769	420	2 339	6 340	6 933	4 693	3 044
acres	2 777 186	39 723	278 206	775 404	829 770	514 864	339 219
Farms by acres harvested:							
1 to 49 acres	10 594	195	922	2 713	3 069	2 203	1 492
50 to 99 acres	4 210	82	447	1 033	1 219	887	542
100 to 199 acres	4 817	99	556	1 292	1 409	914	547
200 to 499 acres	3 395	36	352	1 106	1 004	536	361
500 to 999 acres	594	6	52	172	170	116	78
1,000 to 1,999 acres	145	2	8	23	58	34	20
2,000 acres or more	14	–	2	1	4	3	4
Cropland:							
Pasture or grazing only ..... farms	9 415	116	869	2 491	2 710	1 918	1 311
acres	449 838	5 056	38 970	105 442	129 876	93 467	77 027
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms	5 019	30	290	1 037	1 437	1 160	1 065
acres	289 265	2 243	13 464	47 709	79 455	68 416	77 978
On which all crops failed ..... farms	379	2	22	96	124	75	60
acres	11 126	(D)	(D)	1 905	4 071	2 259	1 979
In cultivated summer fallow ..... farms	187	1	9	35	48	59	35
acres	6 265	(D)	(D)	1 001	1 157	2 169	1 686
Idle ..... farms	5 292	39	280	1 101	1 428	1 276	1 168
acres	321 595	1 258	11 361	56 981	86 025	84 285	81 685
Total woodland ..... farms	9 372	65	609	2 075	2 848	2 190	1 585
acres	453 306	2 326	24 360	83 071	140 216	113 159	90 174
Woodland pastured ..... farms	4 037	37	317	920	1 203	933	627
acres	170 159	1 254	11 336	32 656	53 629	40 681	30 603
Woodland not pastured ..... farms	6 629	33	373	1 441	2 058	1 564	1 160
acres	283 147	1 072	13 024	50 415	86 587	72 478	59 571

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—Con.

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

Item		Total farming and other occupations	Farming						
				Age of operator (years)					
			Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
LAND IN FARMS ACCORDING TO USE—Con.									
Pastureland and rangeland other than cropland and woodland pastured	farms	18 756	11 718	123	708	2 295	2 453	2 748	3 391
	acres	1 440 627	1 093 240	11 236	60 838	234 609	238 458	271 176	276 923
Land in house lots, ponds, roads, wasteland, etc.	farms	61 890	39 280	354	2 302	7 622	8 377	9 471	11 154
	acres	1 588 971	1 210 649	7 351	53 472	242 376	291 090	302 740	313 620
Irrigated land	farms	957	677	4	39	164	202	134	134
	acres	124 983	107 823	(D)	8 579	25 974	34 246	(D)	18 309
Harvested cropland irrigated	farms	930	663	4	39	163	197	133	127
	acres	123 084	106 070	(D)	8 579	(D)	(D)	(D)	17 367
Pasture and other land irrigated	farms	35	17	–	–	2	5	2	8
	acres	1 899	1 753	–	–	(D)	(D)	(D)	942
Land under Conservation Reserve or Wetlands Reserve Programs	farms	24 137	13 628	88	633	2 563	2 923	3 110	4 311
	acres	1 707 901	960 549	4 525	36 969	157 380	197 219	217 013	347 443
VALUE OF LAND AND BUILDINGS[1]									
Estimated market value of land and buildings	farms	90 786	56 184	923	4 173	11 721	11 483	12 257	15 627
	$1,000	51 438 152	42 829 999	474 939	2 872 861	11 385 599	11 058 277	9 797 790	7 240 533
Average per farm	dollars	566 587	762 317	514 561	688 440	971 385	963 013	799 363	463 335
Average per acre	dollars	1 697	1 702	1 660	1 754	1 789	1 745	1 676	1 543
Farms by value group:									
$1 to $39,999		6 863	2 207	78	113	318	357	380	961
$40,000 to $69,999		6 204	1 946	47	129	273	263	312	922
$70,000 to $99,999		5 997	2 163	36	160	265	232	372	1 098
$100,000 to $149,999		8 505	3 359	74	233	399	468	592	1 593
$150,000 to $199,999		6 673	3 089	77	183	388	485	588	1 368
$200,000 to $499,999		24 213	15 391	289	1 384	2 641	2 532	3 313	5 232
$500,000 to $999,999		17 252	14 143	140	1 023	3 420	3 329	3 511	2 720
$1,000,000 to $1,999,999		10 795	9 822	164	721	2 788	2 490	2 299	1 360
$2,000,000 to $4,999,999		3 899	3 696	17	213	1 122	1 203	810	331
$5,000,000 or more		385	368	1	14	107	124	80	42
VALUE OF MACHINERY AND EQUIPMENT[1]									
Estimated market value of all machinery and equipment	farms	90 747	56 163	923	4 173	11 712	11 483	12 257	15 615
	$1,000	7 318 851	6 026 063	72 377	435 893	1 536 378	1 504 872	1 421 647	1 054 897
Farms by value group:									
$1 to $4,999		5 590	1 542	43	60	219	225	197	798
$5,000 to $9,999		8 201	2 793	86	222	274	318	451	1 442
$10,000 to $19,999		13 192	5 212	113	364	664	690	990	2 391
$20,000 to $49,999		21 194	11 677	224	956	1 968	1 819	2 421	4 289
$50,000 to $99,999		17 049	12 656	229	946	2 621	2 791	2 845	3 224
$100,000 to $199,999		15 110	12 736	135	984	3 323	3 077	2 959	2 258
$200,000 to $499,999		9 363	8 557	90	560	2 350	2 285	2 173	1 099
$500,000 or more		1 048	990	3	81	293	278	221	114
SELECTED MACHINERY AND EQUIPMENT[1]									
Motortrucks, including pickups	farms	83 941	53 671	850	4 002	11 388	11 119	11 934	14 378
	number	147 779	103 014	1 643	7 069	23 088	23 359	23 553	24 302
Wheel tractors	farms	84 736	53 155	799	3 712	11 108	10 966	11 778	14 792
	number	255 019	184 262	2 137	11 447	38 931	41 243	44 058	46 446
Less than 40 horsepower (PTO)	farms	38 074	23 294	310	1 396	4 474	4 680	5 350	7 084
	number	59 853	37 960	550	2 040	7 016	7 629	9 042	11 683
40 horsepower (PTO) or more	farms	76 722	50 420	756	3 465	10 618	10 588	11 318	13 675
	number	195 166	146 302	1 587	9 407	31 915	33 614	35 016	34 763
40 to 99 horsepower (PTO)	farms	63 516	41 678	483	2 595	8 304	8 830	9 671	11 795
	number	108 644	75 859	756	4 334	14 788	16 573	18 129	21 279
100 horsepower (PTO) or more	farms	49 966	37 937	540	2 868	8 721	8 539	8 826	8 443
	number	86 522	70 443	831	5 073	17 127	17 041	16 887	13 484
Grain and bean combines	farms	42 979	34 384	443	2 079	7 955	7 948	8 529	7 430
	number	46 717	37 485	539	2 276	8 656	8 779	9 311	7 924
Cotton pickers and strippers	farms	–	–	–	–	–	–	–	–
	number	–	–	–	–	–	–	–	–
Mower conditioners	farms	24 751	18 016	209	1 253	3 781	3 869	4 237	4 667
	number	26 324	19 088	238	1 360	4 018	4 070	4 488	4 914
Pickup balers	farms	28 853	21 392	229	1 409	4 459	4 315	5 254	5 726
	number	34 622	25 910	279	1 715	5 465	5 263	6 389	6 799
AGRICULTURAL CHEMICALS[1]									
Commercial fertilizer	farms	65 495	47 110	694	3 577	10 304	10 169	10 848	11 518
	acres on which used	14 473 220	12 600 019	153 683	889 510	3 356 123	3 341 354	2 902 136	1 957 213
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops	farms	24 957	19 113	302	1 585	4 637	4 480	4 354	3 755
	acres on which used	3 241 067	2 807 125	37 162	201 676	705 226	731 163	636 175	495 723
Nematodes in crops	farms	1 426	1 080	14	119	288	250	135	274
	acres on which used	175 517	145 092	2 162	15 429	32 161	49 238	13 736	32 366
Diseases in crops and orchards	farms	1 122	735	14	46	189	171	147	168
	acres on which used	131 187	101 304	2 230	3 854	34 817	31 770	11 164	17 469
Weeds, grass, or brush in crops and pasture	farms	53 909	38 476	604	3 087	8 563	8 602	8 698	8 922
	acres on which used	16 674 094	14 581 387	166 623	991 791	4 028 978	4 033 747	3 319 267	2 040 981
Chemicals used on crops to control growth, thin fruit, or defoliate	farms	43	32	–	–	9	13	2	8
	acres on which used	1 594	(D)	–	–	26	700	(D)	560

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—Con.

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

Item		Other occupations						
			Age of operator (years)					
		Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
LAND IN FARMS ACCORDING TO USE—Con.								
Pastureland and rangeland other than cropland and woodland pastured	farms	7 038	157	662	1 778	2 028	1 382	1 031
	acres	347 387	6 309	31 881	73 537	105 511	73 499	56 650
Land in house lots, ponds, roads, wasteland, etc.	farms	22 610	222	1 835	5 569	6 528	4 819	3 637
	acres	378 322	2 030	24 185	71 506	108 896	88 177	83 528
Irrigated land	farms	280	3	15	76	93	45	48
	acres	17 160	(D)	575	1 975	4 619	(D)	4 612
Harvested cropland irrigated	farms	267	3	15	72	91	43	43
	acres	17 014	(D)	575	1 942	(D)	(D)	4 594
Pasture and other land irrigated	farms	18	–	–	5	5	3	5
	acres	146	–	–	33	(D)	(D)	18
Land under Conservation Reserve or Wetlands Reserve Programs	farms	10 509	54	505	2 042	2 871	2 503	2 534
	acres	747 352	3 114	30 478	125 247	193 766	186 958	207 789
VALUE OF LAND AND BUILDINGS[1]								
Estimated market value of land and buildings	farms	34 602	657	3 354	8 766	9 723	6 594	5 508
	$1,000	8 608 154	103 470	718 684	2 169 727	2 595 867	1 721 975	1 298 432
Average per farm	dollars	248 776	157 488	214 277	247 516	266 982	261 143	235 736
Average per acre	dollars	1 671	1 558	1 763	1 743	1 688	1 674	1 500
Farms by value group:								
$1 to $39,999		4 656	215	495	1 140	1 210	780	816
$40,000 to $69,999		4 258	116	452	1 130	1 024	779	757
$70,000 to $99,999		3 834	69	451	865	975	848	626
$100,000 to $149,999		5 146	69	538	1 276	1 524	939	800
$150,000 to $199,999		3 584	55	337	941	1 062	664	525
$200,000 to $499,999		8 822	80	739	2 292	2 554	1 738	1 419
$500,000 to $999,999		3 109	51	278	859	976	558	387
$1,000,000 to $1,999,999		973	1	57	226	318	243	128
$2,000,000 to $4,999,999		203	1	5	36	71	43	47
$5,000,000 or more		17	–	2	1	9	2	3
VALUE OF MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment	farms	34 584	657	3 354	8 759	9 723	6 594	5 497
	$1,000	1 292 788	23 315	119 216	340 072	361 712	258 379	190 093
Farms by value group:								
$1 to $4,999		4 048	101	410	951	1 125	712	749
$5,000 to $9,999		5 408	76	479	1 314	1 627	1 058	854
$10,000 to $19,999		7 980	179	901	1 788	2 102	1 610	1 400
$20,000 to $49,999		9 517	187	865	2 580	2 669	1 798	1 418
$50,000 to $99,999		4 393	45	427	1 309	1 315	699	598
$100,000 to $199,999		2 374	51	203	575	648	525	372
$200,000 to $499,999		806	18	67	231	227	175	88
$500,000 or more		58	–	2	11	10	17	18
SELECTED MACHINERY AND EQUIPMENT[1]								
Motortrucks, including pickups	farms	30 270	579	2 948	7 913	8 457	5 819	4 554
	number	44 765	955	4 246	11 891	12 549	8 641	6 483
Wheel tractors	farms	31 581	533	2 874	7 935	9 079	6 150	5 010
	number	70 757	1 175	5 831	17 791	20 502	14 240	11 218
Less than 40 horsepower (PTO)	farms	14 780	236	1 256	3 415	4 164	3 194	2 515
	number	21 893	321	1 815	4 758	6 143	4 884	3 972
40 horsepower (PTO) or more	farms	26 302	459	2 423	6 921	7 658	4 963	3 878
	number	48 864	854	4 016	13 033	14 359	9 356	7 246
40 to 99 horsepower (PTO)	farms	21 838	378	1 842	5 555	6 425	4 313	3 325
	number	32 785	539	2 584	8 350	9 537	6 605	5 170
100 horsepower (PTO) or more	farms	12 029	238	1 084	3 448	3 565	2 112	1 582
	number	16 079	315	1 432	4 683	4 822	2 751	2 076
Grain and bean combines	farms	8 595	154	885	2 252	2 662	1 656	986
	number	9 232	154	957	2 438	2 866	1 733	1 084
Cotton pickers and strippers	farms	–	–	–	–	–	–	–
	number	–	–	–	–	–	–	–
Mower conditioners	farms	6 735	118	496	1 851	1 928	1 473	869
	number	7 236	118	531	1 971	2 030	1 582	1 004
Pickup balers	farms	7 461	115	643	2 109	2 260	1 460	874
	number	8 712	145	717	2 464	2 611	1 715	1 060
AGRICULTURAL CHEMICALS[1]								
Commercial fertilizer	farms	18 385	363	1 817	4 958	5 463	3 564	2 220
	acres on which used	1 873 201	34 398	166 219	513 861	562 703	372 282	223 738
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops	farms	5 844	107	618	1 701	1 645	1 086	687
	acres on which used	433 942	6 139	33 562	116 937	114 103	91 032	72 169
Nematodes in crops	farms	346	–	35	119	107	54	31
	acres on which used	30 425	–	3 380	9 528	10 751	3 126	3 640
Diseases in crops and orchards	farms	387	5	13	77	141	57	94
	acres on which used	29 883	20	102	3 656	13 697	5 325	7 083
Weeds, grass, or brush in crops and pasture	farms	15 433	265	1 629	4 336	4 631	2 849	1 723
	acres on which used	2 092 707	35 568	201 488	601 023	660 207	391 986	202 435
Chemicals used on crops to control growth, thin fruit, or defoliate	farms	11	–	–	7	1	1	2
	acres on which used	(D)	–	–	(D)	(D)	(D)	(D)

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—Con.

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

Item	Total farming and other occupations	Farming						
			Age of operator (years)					
		Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
TENURE AND RACE OF OPERATOR								
All operators	90 792	56 256	803	4 245	12 148	11 925	12 276	14 859
Full owners	42 902	20 277	176	849	2 243	2 824	4 590	9 595
Part owners	32 996	26 420	203	1 752	6 941	7 185	6 506	3 833
Tenants	14 894	9 559	424	1 644	2 964	1 916	1 180	1 431
White	90 669	56 200	802	4 239	12 129	11 914	12 268	14 848
Full owners	42 830	20 256	176	848	2 239	2 818	4 588	9 587
Part owners	32 961	26 395	203	1 748	6 930	7 182	6 502	3 830
Tenants	14 878	9 549	423	1 643	2 960	1 914	1 178	1 431
Black and other races	123	56	1	6	19	11	8	11
Full owners	72	21	–	1	4	6	2	8
Part owners	35	25	–	4	11	3	4	3
Tenants	16	10	1	1	4	2	2	–
OWNED AND RENTED LAND								
Land owned farms	76 916	47 446	385	2 630	9 248	10 077	11 218	13 888
acres	16 795 890	12 689 701	64 518	432 498	1 969 840	2 714 156	3 549 976	3 958 713
Owned land in farms farms	75 898	46 697	379	2 601	9 184	10 009	11 096	13 428
acres	14 354 684	11 162 098	57 351	392 482	1 825 594	2 518 269	3 239 629	3 128 773
Land rented or leased from others farms	48 208	36 177	629	3 403	9 923	9 137	7 732	5 353
acres	16 988 397	15 108 665	168 790	1 332 832	4 960 726	4 442 623	2 797 222	1 406 472
landlords	120 737	100 172	1 392	9 157	31 634	27 770	19 579	10 640
Rented or leased land in farms farms	47 890	35 979	627	3 396	9 905	9 101	7 686	5 264
acres	16 812 015	14 970 311	167 487	1 314 337	4 922 406	4 410 393	2 776 136	1 379 552
Land rented or leased to others farms	16 229	8 998	49	324	1 071	1 259	1 893	4 402
acres	2 617 588	1 665 957	8 470	58 511	182 566	228 117	331 433	856 860
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	66 661	45 257	472	3 194	9 998	9 962	10 279	11 352
Not on farm operated	19 439	8 167	281	861	1 635	1 445	1 517	2 428
Not reported	4 692	2 832	50	190	515	518	480	1 079
Operators by principal occupation:								
Farming	56 256	56 256	803	4 245	12 148	11 925	12 276	14 859
Other	34 536	–	–	–	–	–	–	–
Operators by days worked off farm:								
None	40 767	36 444	346	2 157	6 902	7 234	8 446	11 359
Any	45 408	15 195	406	1 816	4 568	3 892	2 981	1 532
1 to 99 days	9 726	8 390	214	962	2 447	1 999	1 694	1 074
100 to 199 days	7 009	3 522	87	402	1 065	984	707	277
200 days or more	28 673	3 283	105	452	1 056	909	580	181
Not reported	4 617	4 617	51	272	678	799	849	1 968
Operators by years on present farm:								
2 years or less	3 505	1 387	225	372	369	198	122	101
3 or 4 years	4 287	1 619	181	534	435	207	145	117
5 to 9 years	10 433	4 481	136	1 452	1 566	643	376	308
10 years or more	60 710	41 713	–	1 367	8 507	9 639	10 277	11 923
Average years on present farm	22.3	25.7	3.3	8.2	15.6	22.5	30.8	39.2
Not reported	11 857	7 056	261	520	1 271	1 238	1 356	2 410
Operators by age group:								
Under 25 years	1 468	803	803	–	–	–	–	–
25 to 34 years	7 554	4 245	–	4 245	–	–	–	–
35 to 44 years	20 841	12 148	–	–	12 148	–	–	–
45 to 49 years	11 388	6 453	–	–	–	6 453	–	–
50 to 54 years	10 125	5 472	–	–	–	5 472	–	–
55 to 59 years	9 798	5 878	–	–	–	–	5 878	–
60 to 64 years	9 402	6 398	–	–	–	–	6 398	–
65 to 69 years	7 812	5 653	–	–	–	–	–	5 653
70 years and over	12 404	9 206	–	–	–	–	–	9 206
Average age	52.4	53.8	21.9	30.6	39.8	49.2	59.6	72.4
Operators by sex:								
Male	86 174	54 253	791	4 176	11 956	11 650	11 861	13 819
Female	4 618	2 003	12	69	192	275	415	1 040
Operators of Spanish, Hispanic, or Latino origin (see text)	343	247	7	21	49	46	48	76
FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) farms	75 880	45 918	678	3 501	9 846	9 497	10 128	12 268
acres	23 526 085	19 528 747	181 658	1 344 208	5 175 347	5 119 608	4 473 006	3 234 920
Partnership farms	8 231	5 220	96	472	1 101	1 022	1 008	1 521
acres	3 373 783	2 785 482	27 674	184 086	659 756	670 820	624 460	618 686
Corporation:								
Family held farms	5 733	4 671	25	233	1 107	1 312	1 068	926
acres	3 992 642	3 652 762	15 033	166 028	882 449	1 108 850	867 894	612 508
More than 10 stockholders farms	104	66	–	2	14	16	12	22
10 or less stockholders farms	5 629	4 605	25	231	1 093	1 296	1 056	904
Other than family held farms	395	212	4	25	61	50	24	48
acres	126 835	78 618	473	2 376	17 408	12 431	30 629	15 301
More than 10 stockholders farms	64	32	–	5	12	10	3	2
10 or less stockholders farms	331	180	4	20	49	40	21	46
Other—cooperative, estate or trust, institutional, etc. farms	553	235	–	14	33	44	48	96
acres	147 354	86 800	–	10 121	13 040	16 953	19 776	26 910

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—Con.

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

Item		Other occupations						
			Age of operator (years)					
		Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
TENURE AND RACE OF OPERATOR								
All operators		34 536	665	3 309	8 693	9 588	6 924	5 357
Full owners		22 625	243	1 505	4 837	6 179	5 316	4 545
Part owners		6 576	65	712	2 087	2 158	1 104	450
Tenants		5 335	357	1 092	1 769	1 251	504	362
White		34 469	665	3 303	8 679	9 564	6 911	5 347
Full owners		22 574	243	1 500	4 832	6 158	5 304	4 537
Part owners		6 566	65	712	2 081	2 155	1 103	450
Tenants		5 329	357	1 091	1 766	1 251	504	360
Black and other races		67	–	6	14	24	13	10
Full owners		51	–	5	5	21	12	8
Part owners		10	–	–	6	3	1	–
Tenants		6	–	1	3	–	–	2
OWNED AND RENTED LAND								
Land owned	farms	29 470	310	2 239	6 980	8 400	6 472	5 069
	acres	4 106 189	23 305	183 451	700 834	1 156 496	1 046 166	995 937
Owned land in farms	farms	29 201	308	2 217	6 924	8 337	6 420	4 995
	acres	3 192 586	19 808	156 946	570 314	938 722	810 562	696 234
Land rented or leased from others	farms	12 031	422	1 816	3 876	3 443	1 635	839
	acres	1 879 732	39 347	270 793	655 237	555 348	238 764	120 243
	landlords	20 565	639	2 990	6 914	5 968	2 707	1 347
Rented or leased land in farms	farms	11 911	422	1 804	3 856	3 409	1 608	812
	acres	1 841 704	39 195	266 587	646 242	546 255	229 733	113 692
Land rented or leased to others	farms	7 231	41	354	1 312	1 875	1 771	1 878
	acres	951 631	3 649	30 711	139 515	226 867	244 635	306 254
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated		21 404	285	1 948	5 976	6 350	4 185	2 660
Not on farm operated		11 272	343	1 188	2 323	2 797	2 322	2 299
Not reported		1 860	37	173	394	441	417	398
Operators by principal occupation:								
Farming		–	–	–	–	–	–	–
Other		34 536	665	3 309	8 693	9 588	6 924	5 357
Operators by days worked off farm:								
None		4 323	55	83	267	338	709	2 871
Any		30 213	610	3 226	8 426	9 250	6 215	2 486
1 to 99 days		1 336	66	80	171	215	317	487
100 to 199 days		3 487	119	256	724	912	868	608
200 days or more		25 390	425	2 890	7 531	8 123	5 030	1 391
Not reported		–	–	–	–	–	–	–
Operators by years on present farm:								
2 years or less		2 118	211	550	662	416	189	90
3 or 4 years		2 668	156	720	923	510	263	96
5 to 9 years		5 952	59	1 086	2 369	1 528	634	276
10 years or more		18 997	–	515	3 761	6 118	4 831	3 772
Average years on present farm		16.7	2.9	5.9	10.5	16.0	22.0	30.7
Not reported		4 801	239	438	978	1 016	1 007	1 123
Operators by age group:								
Under 25 years		665	665	–	–	–	–	–
25 to 34 years		3 309	–	3 309	–	–	–	–
35 to 44 years		8 693	–	–	8 693	–	–	–
45 to 49 years		4 935	–	–	–	4 935	–	–
50 to 54 years		4 653	–	–	–	4 653	–	–
55 to 59 years		3 920	–	–	–	–	3 920	–
60 to 64 years		3 004	–	–	–	–	3 004	–
65 to 69 years		2 159	–	–	–	–	–	2 159
70 years and over		3 198	–	–	–	–	–	3 198
Average age		50.1	21.1	30.6	39.9	49.3	59.0	72.5
Operators by sex:								
Male		31 921	618	3 204	8 306	9 088	6 336	4 369
Female		2 615	47	105	387	500	588	988
Operators of Spanish, Hispanic, or Latino origin (see text)		96	3	4	17	24	27	21
FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)	farms	29 962	604	2 924	7 781	8 386	5 994	4 273
	acres	3 997 338	53 195	340 024	1 030 372	1 198 761	823 210	551 776
Partnership	farms	3 011	55	297	624	794	592	649
	acres	588 301	5 328	54 896	112 257	159 941	122 092	133 787
Corporation:								
Family held	farms	1 062	4	60	203	269	235	291
	acres	339 880	(D)	(D)	57 821	87 773	77 333	95 751
More than 10 stockholders	farms	38	–	4	7	10	3	14
10 or less stockholders	farms	1 024	4	56	196	259	232	277
Other than family held	farms	183	–	8	37	58	38	42
	acres	48 217	–	4 978	7 388	20 465	6 089	9 297
More than 10 stockholders	farms	32	–	2	7	11	8	4
10 or less stockholders	farms	151	–	6	30	47	30	38
Other—cooperative, estate or trust, institutional, etc.	farms	318	2	20	48	81	65	102
	acres	60 554	(D)	(D)	8 718	18 037	11 571	19 315

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—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
INJURIES AND DEATHS								
Farm-related injuries:								
Operator and family members ..... farms..	1 131	905	17	94	265	209	162	158
number..	1 314	1 048	21	104	312	244	182	185
Hired workers ..... farms..	346	293	–	24	93	77	68	31
number..	604	477	–	28	133	112	145	59
Farm-related deaths:								
Operator and family members ..... farms..	30	23	1	2	4	2	7	7
number..	30	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Hired workers ..... farms..	6	5	–	1	–	–	3	1
number..	6	(D)	–	(D)	–	–	(D)	(D)
FARMS BY SIZE								
1 to 9 acres	5 049	1 489	53	170	361	235	217	453
10 to 49 acres	11 580	3 062	103	255	486	477	510	1 231
50 to 69 acres	3 183	1 018	29	72	139	125	161	492
70 to 99 acres	6 718	2 601	65	210	284	311	457	1 274
100 to 139 acres	6 517	3 035	67	252	416	385	557	1 358
140 to 179 acres	8 107	4 394	79	339	683	646	810	1 837
180 to 219 acres	5 265	3 255	55	256	584	499	642	1 219
220 to 259 acres	5 093	3 508	47	262	576	623	825	1 175
260 to 499 acres	18 560	14 697	171	1 211	3 219	3 114	3 591	3 391
500 to 999 acres	14 833	13 591	111	953	3 734	3 682	3 278	1 833
1,000 to 1,999 acres	5 114	4 873	18	232	1 445	1 594	1 067	517
2,000 acres or more	773	733	5	33	221	234	161	79
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	53 656	34 836	476	2 264	7 172	7 615	7 974	9 335
Vegetable and melon farming (1112)	255	100	1	2	16	27	16	38
Fruit and tree nut farming (1113)	203	57	–	–	4	4	10	39
Greenhouse, nursery, and floriculture production (1114)	641	218	2	7	49	58	50	52
Other crop farming (1119)	3 871	1 727	18	97	289	327	347	649
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	3 871	1 727	18	97	289	327	347	649
Beef cattle ranching and farming (112111)	11 392	5 395	60	281	713	796	1 095	2 450
Cattle feedlots (112112)	3 914	2 741	34	170	534	560	650	793
Dairy cattle and milk production (11212)	2 675	2 503	42	326	793	592	473	277
Hog and pig farming (1122)	9 388	6 874	153	950	2 175	1 536	1 262	798
Poultry and egg production (1123)	448	245	5	15	63	59	62	41
Sheep and goat farming (1124)	1 251	287	–	22	47	61	47	110
Animal aquaculture and other animal production (1125, 1129)	3 098	1 273	12	111	293	290	290	277
LIVESTOCK								
Cattle and calves inventory ..... farms..	38 435	26 512	368	2 092	5 863	5 630	5 866	6 693
number..	3 647 129	3 127 062	29 911	241 762	780 583	771 524	719 804	583 478
Farms with—								
1 to 9	3 947	1 408	48	95	293	264	254	454
10 to 49	15 149	8 620	140	643	1 517	1 532	1 830	2 958
50 to 99	8 960	7 029	86	606	1 530	1 483	1 588	1 736
100 to 199	6 468	5 779	67	481	1 531	1 374	1 313	1 013
200 to 499	3 085	2 911	20	204	795	759	714	419
500 or more	826	765	7	63	197	218	167	113
Cows and heifers that had calved ..... farms..	30 804	21 586	293	1 656	4 633	4 561	4 781	5 662
number..	1 251 314	1 037 763	10 853	79 409	246 582	240 966	237 846	222 107
Beef cows ..... farms..	27 452	18 495	243	1 253	3 659	3 832	4 191	5 317
number..	1 029 172	824 923	8 233	52 769	177 438	190 186	197 339	198 958
Farms with—								
1 to 9	4 760	2 035	47	164	365	362	386	711
10 to 49	16 051	10 628	140	723	1 945	2 039	2 413	3 368
50 to 99	4 747	4 114	43	278	948	964	970	911
100 to 199	1 556	1 420	11	75	324	398	349	263
200 to 499	310	274	2	12	74	62	66	58
500 or more	28	24	–	1	3	7	7	6
Milk cows ..... farms..	4 208	3 814	55	466	1 153	891	770	479
number..	222 142	212 840	2 620	26 640	69 144	50 780	40 507	23 149
Farms with—								
1 to 4	332	194	2	13	38	47	36	58
5 to 9	156	117	3	20	17	17	34	26
10 to 49	1 861	1 692	27	210	469	394	357	235
50 to 99	1 418	1 381	19	173	489	325	262	113
100 to 199	353	344	3	41	112	87	66	35
200 to 499	80	79	1	8	25	20	14	11
500 or more	8	7	–	1	3	1	1	1
Heifers and heifer calves ..... farms..	28 885	20 438	266	1 618	4 580	4 378	4 534	5 062
number..	1 026 132	895 525	8 765	69 901	231 471	232 078	201 409	151 901
Steers, steer calves, bulls, and bull calves ..... farms..	33 184	23 099	289	1 767	5 121	4 918	5 172	5 832
number..	1 369 683	1 193 774	10 293	92 452	302 530	298 480	280 549	209 470

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—Con.

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

Item	Other occupations						
		Age of operator (years)					
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
INJURIES AND DEATHS							
Farm-related injuries:							
Operator and family members ..... farms..	226	3	32	72	56	37	26
number..	266	3	42	80	68	41	32
Hired workers ..... farms..	53	–	4	11	18	11	9
number..	127	–	4	14	64	17	28
Farm-related deaths:							
Operator and family members ..... farms..	7	–	–	2	1	3	1
number..	(D)	–	–	(D)	(D)	(D)	(D)
Hired workers ..... farms..	1	–	–	1	–	–	–
number..	(D)	–	–	(D)	–	–	–
FARMS BY SIZE							
1 to 9 acres	3 560	125	519	1 135	898	515	368
10 to 49 acres	8 518	212	830	2 228	2 362	1 680	1 206
50 to 69 acres	2 165	40	181	514	610	449	371
70 to 99 acres	4 117	83	371	860	1 093	901	809
100 to 139 acres	3 482	53	335	778	918	749	649
140 to 179 acres	3 713	74	303	881	1 054	794	607
180 to 219 acres	2 010	20	188	462	593	410	337
220 to 259 acres	1 585	15	147	405	434	345	239
260 to 499 acres	3 863	33	325	1 062	1 137	775	531
500 to 999 acres	1 242	8	93	325	385	240	191
1,000 to 1,999 acres	241	2	11	40	92	59	37
2,000 acres or more	40	–	6	3	12	7	12
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM							
Oilseed and grain farming (1111)	18 820	326	1 599	4 323	5 178	3 979	3 415
Vegetable and melon farming (1112)	155	3	6	45	51	26	24
Fruit and tree nut farming (1113)	146	2	5	38	48	27	26
Greenhouse, nursery, and floriculture production (1114)	423	1	11	115	155	85	56
Other crop farming (1119)	2 144	24	174	507	654	445	340
Tobacco farming (11191)	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	2 144	24	174	507	654	445	340
Beef cattle ranching and farming (112111)	5 997	128	649	1 518	1 579	1 234	889
Cattle feedlots (112112)	1 173	42	141	383	273	215	119
Dairy cattle and milk production (11212)	172	3	18	40	44	43	24
Hog and pig farming (1122)	2 514	94	455	910	637	286	132
Poultry and egg production (1123)	203	1	17	52	72	38	23
Sheep and goat farming (1124)	964	25	92	265	301	179	102
Animal aquaculture and other animal production (1125, 1129)	1 825	16	142	497	596	367	207
LIVESTOCK							
Cattle and calves inventory ..... farms..	11 923	247	1 393	3 434	3 278	2 184	1 387
number..	520 067	6 450	55 317	130 792	152 379	102 599	72 530
Farms with—							
1 to 9	2 539	68	299	883	652	394	243
10 to 49	6 529	150	775	1 792	1 796	1 232	784
50 to 99	1 931	18	204	511	577	369	252
100 to 199	689	10	96	193	183	142	65
200 to 499	174	1	14	46	56	29	28
500 or more	61	–	5	9	14	18	15
Cows and heifers that had calved ..... farms..	9 218	194	1 042	2 497	2 587	1 769	1 129
number..	213 551	3 032	22 094	53 084	62 362	45 195	27 784
Beef cows ..... farms..	8 957	188	1 009	2 419	2 523	1 720	1 098
number..	204 249	2 988	21 430	49 213	60 648	43 322	26 648
Farms with—							
1 to 9	2 725	77	353	828	723	449	295
10 to 49	5 423	103	563	1 400	1 566	1 092	699
50 to 99	633	6	74	156	177	141	79
100 to 199	136	2	18	33	45	21	17
200 to 499	36	–	1	2	10	15	8
500 or more	4	–	–	–	2	2	–
Milk cows ..... farms..	394	7	51	109	107	80	40
number..	9 302	44	664	3 871	1 714	1 873	1 136
Farms with—							
1 to 4	138	4	21	40	44	21	8
5 to 9	39	–	8	10	11	9	1
10 to 49	169	3	18	47	43	33	25
50 to 99	37	–	4	5	8	15	5
100 to 199	9	–	–	5	1	2	1
200 to 499	1	–	–	1	–	–	–
500 or more	1	–	–	1	–	–	–
Heifers and heifer calves ..... farms..	8 447	164	996	2 414	2 327	1 603	943
number..	130 607	1 390	14 048	33 065	39 707	26 620	15 777
Steers, steer calves, bulls, and bull calves ..... farms..	10 085	189	1 176	2 938	2 779	1 857	1 146
number..	175 909	2 028	19 175	44 643	50 310	30 784	28 969

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—Con.

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

Item	Total farming and other occupations	Farming						
			Age of operator (years)					
		Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
LIVESTOCK—Con.								
Cattle and calves sold ..... farms..	38 548	26 973	357	2 116	5 935	5 713	5 994	6 858
number..	2 881 122	2 497 836	20 820	178 242	634 771	631 730	559 130	473 143
$1,000..	1 850 796	1 637 095	12 203	112 674	420 130	424 298	365 937	301 853
Calves ..... farms..	13 659	9 019	143	789	1 923	1 786	1 878	2 500
number..	374 343	291 614	3 823	26 958	71 408	61 910	61 588	65 927
$1,000..	104 629	80 808	1 102	6 793	18 256	17 775	17 595	19 287
Cattle ..... farms..	31 926	22 744	277	1 749	5 066	4 883	5 176	5 593
number..	2 506 779	2 206 222	16 997	151 284	563 363	569 820	497 542	407 216
$1,000..	1 746 167	1 556 287	11 101	105 881	401 874	406 523	348 342	282 566
Fattened on grain and concentrates .... farms..	13 071	10 459	108	800	2 533	2 377	2 502	2 139
number..	1 646 477	1 517 337	9 908	94 252	418 652	390 587	342 863	261 075
$1,000..	1 269 513	1 174 093	7 393	72 041	325 812	302 766	262 526	203 554
Hogs and pigs inventory ..... farms..	17 243	13 967	239	1 598	4 235	3 454	2 738	1 703
number..	14 651 919	12 626 733	214 325	1 415 939	4 845 218	3 099 173	2 073 269	978 809
Farms with—								
1 to 24	1 258	636	16	48	129	132	136	175
25 to 49	730	444	6	42	93	90	113	100
50 to 99	1 172	858	16	82	172	205	184	199
100 to 199	2 040	1 596	27	165	366	387	375	276
200 to 499	4 653	3 849	61	423	1 161	955	824	425
500 or more	7 390	6 584	113	838	2 314	1 685	1 106	528
Used or to be used for breeding ..... farms..	10 708	9 277	126	978	2 826	2 301	1 887	1 159
number..	1 366 141	1 212 697	15 156	145 550	470 576	286 054	195 499	99 862
Other ..... farms..	16 685	13 559	230	1 548	4 125	3 354	2 662	1 640
number..	13 285 778	11 414 036	199 169	1 270 389	4 374 642	2 813 119	1 877 770	878 947
Hogs and pigs sold..... farms..	18 370	14 744	257	1 664	4 448	3 679	2 888	1 808
number..	27 495 818	23 433 529	321 182	2 921 956	9 115 307	5 685 282	3 651 352	1 738 450
$1,000..	3 029 972	2 595 969	34 973	291 380	1 023 194	636 921	421 597	187 903
Feeder pigs ..... farms..	2 344	1 919	33	266	617	488	322	193
number..	4 476 541	3 724 776	58 988	717 868	1 453 348	868 776	381 391	244 405
$1,000..	178 272	149 379	2 688	25 445	57 385	36 916	17 005	9 940
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 .... farms..	11 231	9 680	126	1 018	2 925	2 408	1 981	1 222
number..	2 167 455	1 923 514	19 999	222 017	779 450	449 897	300 570	151 581
Dec. 1 and May 31..... farms..	10 722	9 297	119	974	2 837	2 329	1 895	1 143
number..	1 082 030	959 324	10 010	107 225	388 535	224 799	152 517	76 238
June 1 and Nov. 30 ..... farms..	10 412	9 058	118	980	2 776	2 238	1 850	1 096
number..	1 085 425	964 190	9 989	114 792	390 915	225 098	148 053	75 343
Sheep and lambs of all ages inventory..... farms..	4 431	2 418	19	174	536	565	514	610
number..	265 305	178 014	1 910	20 862	34 286	46 870	43 435	30 651
Ewes 1 year old or older ..... farms..	4 037	2 201	17	154	485	520	466	559
number..	138 269	91 876	1 219	10 238	19 744	21 890	22 430	16 355
Sheep and lambs sold..... farms..	4 536	2 473	19	183	543	579	523	626
number..	319 349	214 462	1 994	23 112	45 469	58 727	56 220	28 940
Sheep and lambs shorn ..... farms..	3 945	2 183	18	152	487	509	468	549
number..	241 676	166 200	1 730	17 006	40 388	40 868	41 791	24 417
pounds of wool..	1 517 411	1 039 894	8 003	99 527	232 383	253 485	263 483	183 013
Horses and ponies inventory ..... farms..	9 636	4 571	59	376	1 091	1 083	913	1 049
number..	60 421	29 237	288	2 138	6 479	7 331	5 858	7 143
Horses and ponies sold..... farms..	2 199	896	10	85	193	239	163	206
number..	9 605	4 732	16	218	827	1 492	986	1 193
Goats inventory ..... farms..	955	361	2	31	100	82	76	70
number..	12 275	6 275	(D)	(D)	1 883	2 413	715	760
Goats sold ..... farms..	379	135	1	12	37	27	34	24
number..	5 043	1 885	(D)	391	440	413	302	(D)
POULTRY								
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	1 892	994	7	97	195	192	214	289
number..	24 876 834	17 149 345	(D)	(D)	8 742 983	1 157 523	5 382 743	1 424 135
Farms with—								
1 to 399	1 714	850	4	86	154	164	176	266
400 to 3,199	40	33	–	3	5	5	7	13
3,200 to 9,999.....	31	26	–	5	8	5	6	2
10,000 to 19,999	22	20	1	1	3	8	4	3
20,000 to 49,999	20	19	–	–	6	6	7	–
50,000 to 99,999	19	12	–	2	5	–	2	3
100,000 or more	46	34	2	–	14	4	12	2
Layers 20 weeks old and older ..... farms..	1 831	965	6	94	191	186	206	282
number..	21 509 521	14 189 604	(D)	(D)	7 583 212	1 071 533	4 153 373	940 250
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	306	170	1	14	33	34	35	53
number..	3 367 313	2 959 741	(D)	(D)	1 159 771	85 990	1 229 370	483 885
Layers, pullets, and pullet chicks sold (see text)..... farms..	308	207	2	23	46	43	53	40
number..	18 534 679	12 876 853	(D)	(D)	3 706 901	1 372 603	5 279 040	2 345 297
Broilers and other meat-type chickens sold .. farms..	519	260	9	25	80	65	48	33
number..	6 852 810	5 904 525	4 940	1 252 159	903 906	1 348 974	1 728 667	665 879
Farms with—								
1 to 1,999.....	466	220	7	20	70	59	37	27
2,000 to 59,999.....	24	18	2	1	6	–	6	3
60,000 to 99,999	6	3	–	–	1	2	–	–
100,000 or more	23	19	–	4	3	4	5	3
Turkey hens kept for breeding ..... farms..	132	48	2	5	10	9	13	9
number..	25 726	(D)	(D)	(D)	(D)	(D)	34	(D)
Turkeys sold ..... farms..	206	128	6	8	48	36	17	13
number..	7 279 601	5 540 007	(D)	380 138	1 720 292	2 090 446	921 203	(D)

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—Con.

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

Item	Other occupations						
		Age of operator (years)					
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
LIVESTOCK—Con.							
Cattle and calves sold ..... farms..	11 575	247	1 361	3 243	3 174	2 153	1 397
number..	383 286	4 148	35 594	91 778	113 934	74 571	63 261
$1,000..	213 701	2 017	18 358	50 887	65 119	38 754	38 566
Calves ..... farms..	4 640	107	534	1 250	1 269	899	581
number..	82 729	1 921	9 589	21 489	22 168	17 519	10 043
$1,000..	23 821	538	2 617	5 943	6 768	5 007	2 948
Cattle ..... farms..	9 182	187	1 090	2 624	2 508	1 688	1 085
number..	300 557	2 227	26 005	70 289	91 766	57 052	53 218
$1,000..	189 880	1 480	15 741	44 944	58 351	33 747	35 618
Fattened on grain and concentrates .... farms..	2 612	63	317	885	680	439	228
number..	129 140	970	10 356	34 860	24 326	26 138	32 490
$1,000..	95 420	762	7 781	26 404	17 478	18 040	24 955
Hogs and pigs inventory ..... farms..	3 276	89	528	1 204	861	404	190
number..	2 025 186	25 898	285 235	635 699	598 040	250 844	229 470
Farms with—							
1 to 24	622	22	79	225	178	76	42
25 to 49	286	12	48	104	70	43	9
50 to 99	314	8	41	105	83	54	23
100 to 199	444	11	76	156	119	49	33
200 to 499	804	21	140	327	204	80	32
500 or more	806	15	144	287	207	102	51
Used or to be used for breeding ..... farms..	1 431	33	185	499	396	198	120
number..	153 444	1 287	12 119	26 551	49 505	31 728	32 254
Other ..... farms..	3 126	82	504	1 145	824	389	182
number..	1 871 742	24 611	273 116	609 148	548 535	219 116	197 216
Hogs and pigs sold..... farms..	3 626	120	586	1 325	941	442	212
number..	4 062 289	44 175	521 817	1 082 247	1 253 278	646 131	514 641
$1,000..	434 003	5 235	59 383	110 725	138 718	63 530	56 414
Feeder pigs ..... farms..	425	15	72	135	122	48	33
number..	751 765	2 108	37 677	152 025	252 503	206 993	100 459
$1,000..	28 893	104	1 632	5 291	11 221	7 722	2 923
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 .... farms..	1 551	39	199	548	420	218	127
number..	243 941	2 009	19 940	43 630	74 512	51 253	52 597
Dec. 1 and May 31..... farms..	1 425	35	178	496	397	200	119
number..	122 706	1 021	10 855	21 715	37 427	25 680	26 008
June 1 and Nov. 30 ..... farms..	1 354	34	177	482	370	187	104
number..	121 235	988	9 085	21 915	37 085	25 573	26 589
Sheep and lambs of all ages inventory..... farms..	2 013	46	202	592	619	365	189
number..	87 291	3 502	7 952	26 882	24 925	14 712	9 318
Ewes 1 year old or older ..... farms..	1 836	40	184	541	565	331	175
number..	46 393	1 255	4 708	13 213	14 457	9 164	3 596
Sheep and lambs sold..... farms..	2 063	51	205	603	633	365	206
number..	104 887	4 306	16 138	28 587	31 129	15 474	9 253
Sheep and lambs shorn ..... farms..	1 762	41	176	520	547	307	171
number..	75 476	4 133	10 094	20 888	22 397	12 335	5 629
pounds of wool..	477 517	20 393	54 269	131 923	149 858	84 291	36 783
Horses and ponies inventory ..... farms..	5 065	44	506	1 541	1 626	894	454
number..	31 184	232	2 669	8 269	10 571	6 327	3 116
Horses and ponies sold..... farms..	1 303	10	131	394	412	234	122
number..	4 873	19	444	1 524	1 470	913	503
Goats inventory ..... farms..	594	6	50	220	204	84	30
number..	6 000	54	442	2 332	2 086	851	235
Goats sold ..... farms..	244	3	16	91	84	38	12
number..	3 158	(D)	941	796	818	485	(D)
POULTRY							
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	898	8	94	322	263	125	86
number..	7 727 489	240	(D)	(D)	(D)	(D)	(D)
Farms with—							
1 to 399	864	8	89	311	257	121	78
400 to 3,199	7	–	2	2	1	–	2
3,200 to 9,999.....	5	–	–	4	–	–	1
10,000 to 19,999	2	–	1	–	–	–	1
20,000 to 49,999	1	–	–	1	–	–	–
50,000 to 99,999	7	–	1	2	1	1	2
100,000 or more	12	–	1	2	4	3	2
Layers 20 weeks old and older ..... farms..	866	7	89	310	258	120	82
number..	7 319 917	204	(D)	(D)	2 737 211	1 598 810	1 386 441
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	136	3	12	43	38	28	12
number..	407 572	36	(D)	(D)	(D)	(D)	(D)
Layers, pullets, and pullet chicks sold (see text)..... farms..	101	–	9	40	25	11	16
number..	5 657 826	–	(D)	404 124	(D)	1 073 244	707 363
Broilers and other meat-type chickens sold .. farms..	259	3	29	108	79	26	14
number..	948 285	478	(D)	130 325	467 298	(D)	9 942
Farms with—							
1 to 1,999.....	246	3	26	104	76	24	13
2,000 to 59,999.....	6	–	1	3	–	1	1
60,000 to 99,999	3	–	2	1	–	–	–
100,000 or more	4	–	–	–	3	1	–
Turkey hens kept for breeding ..... farms..	84	–	12	30	25	15	2
number..	(D)	–	36	437	(D)	67	(D)
Turkeys sold ..... farms..	78	–	10	23	23	15	7
number..	1 739 594	–	(D)	(D)	1 095 798	351 776	(D)

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—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
SELECTED CROPS HARVESTED								
Corn for grain or seed ..... farms..	61 860	46 608	617	3 630	10 786	10 525	10 621	10 429
acres..	11 595 308	10 298 112	91 704	722 700	2 849 625	2 837 850	2 343 799	1 452 434
bushels..	1 537 482 128	1 370 359 056	12 282 708	96 854 762	382 263 961	377 793 736	311 333 315	189 830 574
Irrigated ..... farms..	440	370	–	33	89	107	74	67
acres..	77 831	68 243	–	5 180	16 847	22 693	12 211	11 312
Farms by acres harvested:								
1 to 24 acres	6 289	2 678	50	195	341	393	506	1 193
25 to 99 acres	19 305	11 969	241	956	1 968	1 947	2 442	4 415
100 to 249 acres	20 600	17 125	220	1 468	3 975	3 787	4 343	3 332
250 to 499 acres	11 229	10 584	87	800	3 161	2 975	2 455	1 106
500 acres or more	4 437	4 252	19	211	1 341	1 423	875	383
Corn for silage or green chop ..... farms..	8 405	7 574	79	711	1 998	1 803	1 741	1 242
acres..	241 549	224 843	2 131	17 747	56 758	56 016	53 974	38 217
tons, green..	3 993 158	3 728 866	34 876	292 784	945 547	931 592	906 346	617 721
Irrigated ..... farms..	10	10	–	–	3	–	3	4
acres..	342	342	–	–	130	–	108	104
Farms by acres harvested:								
1 to 24 acres	5 276	4 611	61	481	1 214	1 038	1 046	771
25 to 99 acres	2 739	2 603	15	207	698	672	603	408
100 to 249 acres	341	314	–	21	80	81	78	54
250 to 499 acres	42	39	3	2	5	10	13	6
500 acres or more	7	7	–	–	1	2	1	3
Wheat for grain ..... farms..	719	574	2	39	157	123	132	121
acres..	22 123	17 913	(D)	(D)	3 997	3 661	4 152	4 183
bushels..	905 333	752 324	(D)	(D)	174 856	169 131	168 159	162 556
Irrigated ..... farms..	–	–	–	–	–	–	–	–
acres..	–	–	–	–	–	–	–	–
Farms by acres harvested:								
1 to 24 acres	447	355	1	21	96	79	85	73
25 to 99 acres	235	187	–	12	56	37	41	41
100 to 249 acres	28	25	1	5	5	6	4	4
250 to 499 acres	9	7	–	1	–	1	2	3
500 acres or more	–	–	–	–	–	–	–	–
Oats for grain ..... farms..	10 823	9 135	90	655	2 144	2 199	2 133	1 914
acres..	211 985	188 247	1 661	12 262	44 444	47 928	43 117	38 835
bushels..	14 293 977	12 835 239	113 551	845 029	3 092 667	3 314 542	2 969 048	2 500 402
Irrigated ..... farms..	2	2	–	–	–	–	1	1
acres..	(D)	(D)	–	–	–	–	(D)	(D)
Farms by acres harvested:								
1 to 24 acres	8 221	6 736	74	513	1 596	1 567	1 561	1 425
25 to 99 acres	2 496	2 300	15	134	524	605	553	469
100 to 249 acres	101	94	1	8	23	25	18	19
250 to 499 acres	5	5	–	–	1	2	1	1
500 acres or more	–	–	–	–	–	–	–	–
Soybeans for beans ..... farms..	56 436	42 385	575	3 239	9 843	9 648	9 608	9 472
acres..	9 944 865	8 767 194	75 934	587 299	2 448 480	2 465 701	1 977 733	1 212 047
bushels..	445 574 589	393 798 074	3 395 357	26 563 585	110 802 346	110 388 149	88 829 271	53 819 366
Irrigated ..... farms..	294	236	1	20	57	63	52	43
acres..	38 664	32 165	(D)	(D)	7 932	9 266	6 826	4 585
Farms by acres harvested:								
1 to 24 acres	5 643	2 585	60	211	394	349	480	1 091
25 to 99 acres	19 323	12 147	243	942	2 027	2 006	2 519	4 410
100 to 249 acres	18 358	15 263	193	1 292	3 604	3 520	3 856	2 798
250 to 499 acres	9 661	9 070	69	643	2 768	2 625	2 070	895
500 acres or more	3 451	3 320	10	151	1 050	1 148	683	278
Potatoes, excluding sweetpotatoes ..... farms..	109	76	–	8	14	22	11	21
acres..	1 468	1 438	–	(D)	(D)	825	11	(D)
cwt..	296 675	290 813	–	(D)	(D)	158 066	1 888	(D)
Irrigated ..... farms..	19	16	–	–	3	7	2	4
acres..	750	749	–	–	(D)	419	(D)	4
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ... farms..	37 711	26 221	263	1 880	5 755	5 744	5 923	6 656
acres..	1 575 777	1 285 297	12 937	95 620	291 749	300 823	292 364	291 804
tons, dry..	4 365 999	3 661 263	33 329	280 315	871 497	888 273	836 705	751 144
Irrigated ..... farms..	85	58	–	1	13	12	14	18
acres..	1 372	915	–	(D)	182	(D)	233	391
Farms by acres harvested:								
1 to 24 acres	18 434	10 740	149	797	2 243	2 222	2 337	2 992
25 to 99 acres	15 422	12 032	86	821	2 654	2 680	2 815	2 976
100 to 249 acres	3 472	3 093	26	232	783	740	699	613
250 to 499 acres	334	312	–	26	69	91	61	65
500 acres or more	49	44	2	4	6	11	11	10
Alfalfa hay ..... farms..	31 165	22 326	222	1 639	5 035	4 969	5 059	5 402
acres..	1 082 904	891 558	7 127	65 989	206 259	210 314	206 602	195 267
tons, dry..	3 406 219	2 875 188	21 290	222 159	693 300	703 252	660 220	574 967
Irrigated ..... farms..	65	46	–	1	10	10	12	13
acres..	913	687	–	(D)	132	(D)	219	235

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—Con.

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

Item	Other occupations						
		Age of operator (years)					
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
SELECTED CROPS HARVESTED							
Corn for grain or seed ..... farms..	15 252	286	1 601	4 161	4 400	2 984	1 820
acres..	1 297 196	18 968	132 034	367 713	382 241	237 066	159 174
bushels..	167 123 072	2 464 897	16 999 974	47 827 562	49 134 219	30 095 647	20 600 773
Irrigated ..... farms..	70	–	4	11	20	18	17
acres..	9 588	–	146	1 130	2 974	2 714	2 624
Farms by acres harvested:							
1 to 24 acres	3 611	84	338	861	1 057	812	459
25 to 99 acres	7 336	141	828	1 981	2 072	1 452	862
100 to 249 acres	3 475	53	362	1 098	1 025	562	375
250 to 499 acres	645	6	59	187	182	119	92
500 acres or more	185	2	14	34	64	39	32
Corn for silage or green chop ..... farms..	831	14	100	227	239	165	86
acres..	16 706	196	1 546	3 729	5 217	3 392	2 626
tons, green..	264 292	3 969	26 690	59 736	79 233	55 113	39 551
Irrigated ..... farms..	–	–	–	–	–	–	–
acres..	–	–	–	–	–	–	–
Farms by acres harvested:							
1 to 24 acres	665	12	86	194	192	129	52
25 to 99 acres	136	2	11	26	39	31	27
100 to 249 acres	27	–	3	7	6	4	7
250 to 499 acres	3	–	–	–	2	1	–
500 acres or more	–	–	–	–	–	–	–
Wheat for grain ..... farms..	145	–	14	28	53	27	23
acres..	4 210	–	433	877	1 452	807	641
bushels..	153 009	–	15 234	29 639	47 384	35 254	25 498
Irrigated ..... farms..	–	–	–	–	–	–	–
acres..	–	–	–	–	–	–	–
Farms by acres harvested:							
1 to 24 acres	92	–	8	15	34	18	17
25 to 99 acres	48	–	6	13	16	8	5
100 to 249 acres	3	–	–	–	3	–	–
250 to 499 acres	2	–	–	–	–	1	1
500 acres or more	–	–	–	–	–	–	–
Oats for grain ..... farms..	1 688	27	183	515	508	280	175
acres..	23 738	316	2 597	7 164	6 866	4 269	2 526
bushels..	1 458 738	19 001	158 591	439 070	414 320	270 521	157 235
Irrigated ..... farms..	–	–	–	–	–	–	–
acres..	–	–	–	–	–	–	–
Farms by acres harvested:							
1 to 24 acres	1 485	25	162	450	456	237	155
25 to 99 acres	196	2	19	64	50	41	20
100 to 249 acres	7	–	2	1	2	2	–
250 to 499 acres	–	–	–	–	–	–	–
500 acres or more	–	–	–	–	–	–	–
Soybeans for beans ..... farms..	14 051	281	1 461	3 825	4 008	2 716	1 760
acres..	1 177 671	17 900	119 956	333 259	351 370	215 733	139 453
bushels..	51 776 515	806 941	5 349 255	14 704 582	15 505 040	9 337 961	6 072 736
Irrigated ..... farms..	58	1	4	9	14	18	12
acres..	6 499	(D)	(D)	616	1 198	2 365	1 855
Farms by acres harvested:							
1 to 24 acres	3 058	73	259	746	822	698	460
25 to 99 acres	7 176	162	799	1 886	2 083	1 368	878
100 to 249 acres	3 095	43	347	995	867	513	330
250 to 499 acres	591	1	47	181	184	107	71
500 acres or more	131	2	9	17	52	30	21
Potatoes, excluding sweetpotatoes ..... farms..	33	–	1	8	14	6	4
acres..	30	–	(D)	13	11	(D)	2
cwt..	5 862	–	(D)	4 150	832	(D)	410
Irrigated ..... farms..	3	–	–	–	3	–	–
acres..	(Z)	–	–	–	(Z)	–	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ... farms..	11 490	122	1 108	3 127	3 555	2 239	1 339
acres..	290 480	2 663	26 930	72 690	91 141	58 321	38 735
tons, dry..	704 736	6 744	63 429	182 419	217 530	139 707	94 907
Irrigated ..... farms..	27	–	2	8	13	2	2
acres..	457	–	(D)	73	261	(D)	(D)
Farms by acres harvested:							
1 to 24 acres	7 694	82	757	2 138	2 354	1 485	878
25 to 99 acres	3 390	37	311	901	1 079	665	397
100 to 249 acres	379	3	38	85	116	81	56
250 to 499 acres	22	–	2	3	4	8	5
500 acres or more	5	–	–	–	2	–	3
Alfalfa hay ..... farms..	8 839	99	869	2 444	2 747	1 715	965
acres..	191 346	1 775	16 902	49 606	59 475	38 353	25 235
tons, dry..	531 031	5 185	46 233	141 348	162 746	104 489	71 030
Irrigated ..... farms..	19	–	2	6	8	2	1
acres..	226	–	(D)	66	93	(D)	(D)

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—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
SELECTED CROPS HARVESTED—Con.									
Vegetables harvested for sale (see text)	farms	786	439	2	31	103	122	85	96
	acres	12 533	10 204	(D)	(D)	2 701	2 466	2 790	1 684
Irrigated	farms	117	79	2	3	17	22	17	18
	acres	1 476	1 358	(D)	(D)	366	276	536	172
Farms by acres harvested:									
0.1 to 4.9 acres		477	224	1	18	59	65	33	48
5.0 to 24.9 acres		180	108	–	9	19	31	22	27
25.0 to 99.9 acres		99	80	1	1	22	20	20	16
100.0 to 249.9 acres		26	23	–	3	2	5	8	5
250.0 acres or more		4	4	–	–	1	1	2	–
Land in orchards	farms	448	167	–	7	23	23	40	74
	acres	2 616	1 375	–	7	143	204	451	571
Irrigated	farms	19	8	–	–	1	1	3	3
	acres	118	49	–	–	(D)	(D)	(D)	(D)
Farms by bearing and nonbearing acres:									
0.1 to 4.9 acres		324	113	–	7	17	15	25	49
5.0 to 24.9 acres		100	39	–	–	4	5	12	18
25.0 to 99.9 acres		22	14	–	–	2	3	2	7
100.0 to 249.9 acres		2	1	–	–	–	–	1	–
250.0 acres or more		–	–	–	–	–	–	–	–

See footnotes at end of table.

Table 48. **Summary by Age and Principal Occupation of Operator: 1997**—Con.

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

Item		Other occupations						
			Age of operator (years)					
		Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
SELECTED CROPS HARVESTED—Con.								
Vegetables harvested for sale (see text)	farms	347	3	18	103	125	55	43
	acres	2 330	24	90	625	964	196	430
Irrigated	farms	38	2	1	12	18	2	3
	acres	119	(D)	(D)	36	61	(D)	(D)
Farms by acres harvested:								
0.1 to 4.9 acres		253	2	12	82	90	39	28
5.0 to 24.9 acres		72	1	5	15	25	16	10
25.0 to 99.9 acres		19	–	1	5	9	–	4
100.0 to 249.9 acres		3	–	–	1	1	–	1
250.0 acres or more		–	–	–	–	–	–	–
Land in orchards	farms	281	2	11	78	95	53	42
	acres	1 241	(D)	(D)	394	499	190	125
Irrigated	farms	11	–	–	1	6	2	2
	acres	69	–	–	(D)	53	(D)	(D)
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres		211	2	10	58	64	40	37
5.0 to 24.9 acres		61	–	1	17	26	13	4
25.0 to 99.9 acres		8	–	–	2	5	–	1
100.0 to 249.9 acres		1	–	–	1	–	–	–
250.0 acres or more		–	–	–	–	–	–	–

[1]Data are based on a sample of farms.
[2]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 49. **Summary by Size of Farm: 1997**

[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
FARMS AND LAND IN FARMS						
Farms ..... number	90 792	5 049	11 580	3 183	6 718	6 517
percent	100.0	5.6	12.8	3.5	7.4	7.2
Land in farms ..... acres	31 166 699	20 555	305 198	186 237	547 358	762 391
Average size of farm ..... acres	343	4	26	59	81	117
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD						
Total sales (see text) ..... farms	90 792	5 049	11 580	3 183	6 718	6 517
$1,000	11 947 894	351 168	524 922	105 650	222 005	311 704
Average per farm ..... dollars	131 596	69 552	45 330	33 192	33 046	47 829
Farms by value of sales:						
Less than $1,000 (see text)	9 230	719	2 829	768	1 449	1 066
$1,000 to $2,499	3 961	1 115	1 890	207	270	165
$2,500 to $4,999	4 577	675	2 172	398	454	313
$5,000 to $9,999	5 878	538	2 051	560	831	655
$10,000 to $19,999	7 383	470	1 257	748	1 461	1 097
$20,000 to $24,999	3 124	124	181	154	818	516
$25,000 to $39,999	7 366	256	252	132	905	1 558
$40,000 to $49,999	4 082	135	102	42	112	407
$50,000 to $99,999	13 735	331	251	75	210	409
$100,000 to $249,999	19 119	355	249	59	141	226
$250,000 to $499,999	8 404	154	129	16	32	50
$500,000 to $999,999	2 858	127	103	13	24	28
$1,000,000 to $2,499,999	888	41	81	6	5	14
$2,500,000 to $4,999,999	120	7	21	2	1	7
$5,000,000 or more	67	2	12	3	5	6
Grains ..... farms	64 058	450	3 701	1 308	3 718	4 070
$1,000	6 011 171	656	18 733	13 387	58 451	85 887
Sales of $50,000 or more ..... farms	33 199	–	–	–	2	39
$1,000	5 378 196	–	–	–	(D)	(D)
Corn for grain ..... farms	56 466	217	2 216	938	2 922	3 411
$1,000	3 225 141	321	9 653	7 276	30 855	46 523
Wheat ..... farms	699	1	18	8	32	26
$1,000	2 936	(D)	(D)	8	78	54
Soybeans ..... farms	56 373	224	2 061	869	2 902	3 303
$1,000	2 765 812	324	8 901	6 014	27 162	38 882
Sorghum for grain ..... farms	32	–	–	–	–	2
$1,000	121	–	–	–	–	(D)
Barley ..... farms	76	–	1	–	3	4
$1,000	178	–	(D)	–	2	(D)
Oats ..... farms	5 638	15	174	74	211	314
$1,000	11 024	6	141	75	220	362
Other grains ..... farms	287	6	10	7	14	15
$1,000	5 960	(D)	(D)	14	134	56
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	14 636	205	1 749	471	973	1 049
$1,000	88 970	193	3 546	1 409	3 521	4 446
Sales of $50,000 or more ..... farms	141	–	–	–	1	1
$1,000	12 260	–	–	–	(D)	(D)
Vegetables, sweet corn, and melons ..... farms	776	130	188	36	46	42
$1,000	8 568	371	1 289	352	340	243
Sales of $50,000 or more ..... farms	40	–	5	2	2	1
$1,000	4 133	–	264	(D)	(D)	(D)
Fruits, nuts, and berries ..... farms	323	67	104	16	34	27
$1,000	3 627	149	1 054	203	510	291
Sales of $50,000 or more ..... farms	19	–	7	1	4	1
$1,000	2 133	–	615	(D)	339	(D)
Nursery and greenhouse crops ..... farms	819	272	291	40	37	32
$1,000	73 208	20 805	29 509	1 987	966	2 324
Sales of $50,000 or more ..... farms	180	61	56	12	5	9
$1,000	66 888	18 562	27 459	1 773	664	2 057
Other crops ..... farms	115	19	15	7	6	11
$1,000	1 725	18	15	20	12	21
Sales of $50,000 or more ..... farms	9	–	–	–	–	–
$1,000	1 418	–	–	–	–	–
Poultry and poultry products ..... farms	1 598	286	382	66	104	126
$1,000	414 429	50 664	93 216	23 682	28 176	31 820
Sales of $50,000 or more ..... farms	282	54	51	6	16	14
$1,000	412 269	50 315	92 806	23 627	28 043	31 681
Dairy products ..... farms	3 958	68	153	77	170	320
$1,000	408 694	4 440	7 534	3 605	7 122	16 681
Sales of $50,000 or more ..... farms	2 635	25	37	20	43	123
$1,000	374 552	3 226	5 418	(D)	4 182	12 275
Cattle and calves ..... farms	38 548	1 741	3 689	1 169	2 198	2 576
$1,000	1 850 796	27 684	65 873	12 212	59 249	43 179
Sales of $50,000 or more ..... farms	5 736	70	85	26	56	84
$1,000	1 435 407	16 313	45 583	3 993	42 635	20 716

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—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
FARMS AND LAND IN FARMS							
Farms ..... number	8 107	5 265	5 093	18 560	14 833	5 114	773
percent	8.9	5.8	5.6	20.4	16.3	5.6	.9
Land in farms ..... acres	1 278 230	1 040 454	1 210 670	6 767 595	10 213 853	6 636 778	2 197 380
Average size of farm ..... acres	158	198	238	365	689	1 298	2 843
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... farms	8 107	5 265	5 093	18 560	14 833	5 114	773
$1,000	471 801	343 779	445 738	2 419 834	3 616 870	2 389 098	745 325
Average per farm ..... dollars	58 197	65 295	87 520	130 379	243 839	467 168	964 197
Farms by value of sales:							
Less than $1,000 (see text)	909	462	293	586	131	16	2
$1,000 to $2,499	129	74	35	63	11	2	–
$2,500 to $4,999	227	127	75	117	19	–	–
$5,000 to $9,999	469	268	170	300	35	–	1
$10,000 to $19,999	849	467	351	571	107	5	–
$20,000 to $24,999	451	270	207	343	56	3	1
$25,000 to $39,999	1 579	763	584	1 073	253	11	–
$40,000 to $49,999	1 264	596	420	797	191	16	–
$50,000 to $99,999	1 532	1 556	2 035	5 870	1 345	110	11
$100,000 to $249,999	531	558	705	7 286	8 123	856	30
$250,000 to $499,999	111	82	150	1 155	3 625	2 774	126
$500,000 to $999,999	35	28	48	299	719	1 052	382
$1,000,000 to $2,499,999	13	9	15	80	192	240	192
$2,500,000 to $4,999,999	2	2	3	16	22	17	20
$5,000,000 or more	6	3	2	4	4	12	8
Grains ..... farms	5 987	3 990	4 165	16 599	14 281	5 029	760
$1,000	184 045	143 213	186 517	1 209 487	2 127 658	1 497 306	485 831
Sales of $50,000 or more ..... farms	848	1 170	1 854	11 139	12 573	4 837	737
$1,000	48 634	73 452	128 422	1 065 997	2 082 205	1 491 836	485 160
Corn for grain ..... farms	5 332	3 559	3 736	15 225	13 418	4 777	715
$1,000	100 398	78 233	100 608	648 329	1 138 345	801 656	262 944
Wheat ..... farms	51	38	22	147	221	109	26
$1,000	119	103	86	510	1 064	517	372
Soybeans ..... farms	5 106	3 393	3 680	15 347	13 799	4 943	746
$1,000	82 534	64 140	85 018	556 476	983 378	692 319	220 664
Sorghum for grain ..... farms	5	4	1	5	8	4	3
$1,000	8	24	(D)	30	25	(D)	(D)
Barley ..... farms	9	9	7	31	9	2	1
$1,000	17	15	(D)	102	18	(D)	(D)
Oats ..... farms	449	382	426	1 701	1 393	430	69
$1,000	609	613	701	3 190	3 211	1 458	438
Other grains ..... farms	26	8	8	53	73	47	20
$1,000	359	84	89	849	1 618	1 335	1 403
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	1 267	871	843	3 265	2 776	1 009	158
$1,000	5 800	4 335	4 917	21 223	21 906	12 568	5 105
Sales of $50,000 or more ..... farms	1	1	5	33	41	33	25
$1,000	(D)	(D)	353	2 287	2 932	3 156	3 271
Vegetables, sweet corn, and melons ..... farms	47	29	24	84	96	46	8
$1,000	375	537	372	1 283	2 419	928	58
Sales of $50,000 or more ..... farms	3	3	2	5	12	5	–
$1,000	158	372	(D)	663	1 695	428	–
Fruits, nuts, and berries ..... farms	16	7	7	14	16	12	3
$1,000	133	(D)	9	401	109	297	(D)
Sales of $50,000 or more ..... farms	1	–	–	2	1	1	1
$1,000	(D)	–	–	(D)	(D)	(D)	(D)
Nursery and greenhouse crops ..... farms	27	15	15	46	31	11	2
$1,000	1 543	(D)	790	3 490	8 608	529	(D)
Sales of $50,000 or more ..... farms	7	2	3	8	14	3	–
$1,000	1 413	(D)	620	3 005	8 375	(D)	–
Other crops ..... farms	7	8	10	15	10	7	–
$1,000	10	15	35	224	645	709	–
Sales of $50,000 or more ..... farms	–	–	–	2	5	2	–
$1,000	–	–	–	(D)	622	(D)	–
Poultry and poultry products ..... farms	125	63	60	212	129	38	7
$1,000	40 807	12 538	16 538	33 894	24 899	56 242	1 955
Sales of $50,000 or more ..... farms	23	7	10	47	37	14	3
$1,000	40 659	12 455	16 430	33 407	24 759	56 138	1 950
Dairy products ..... farms	475	423	374	1 212	571	102	13
$1,000	34 614	38 228	39 724	138 849	89 275	23 964	4 659
Sales of $50,000 or more ..... farms	276	293	278	965	474	89	12
$1,000	29 223	34 367	37 275	131 488	86 415	23 592	(D)
Cattle and calves ..... farms	3 156	2 453	2 395	8 979	7 299	2 516	377
$1,000	52 517	49 377	62 707	368 149	548 077	411 116	150 656
Sales of $50,000 or more ..... farms	146	144	224	1 386	2 061	1 202	252
$1,000	21 796	22 853	35 052	250 702	446 273	381 731	147 760

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—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
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.							
Total sales (see text)—Con.							
Hogs and pigs	farms	18 370	1 739	1 291	271	607	703
	$1,000	3 029 972	238 395	292 464	45 776	60 961	124 579
Sales of $50,000 or more	farms	10 657	767	553	92	209	280
	$1,000	2 879 196	222 821	283 367	43 279	54 809	117 426
Sheep, lambs, and wool	farms	4 598	517	966	189	293	285
	$1,000	30 214	1 994	5 045	1 468	1 341	1 335
Sales of $50,000 or more	farms	82	9	11	1	6	3
	$1,000	14 572	850	2 373	(D)	491	(D)
Other livestock and livestock products (see text)	farms	3 023	510	957	192	231	225
	$1,000	26 520	5 800	6 645	1 550	1 356	899
Sales of $50,000 or more	farms	76	23	23	6	3	–
	$1,000	14 178	3 764	2 797	768	287	–
Value of agricultural products sold directly to individuals for human consumption (see text)	farms	2 174	339	491	85	154	163
	$1,000	7 475	949	1 703	310	511	533
FARM PRODUCTION EXPENSES[1]							
Total farm production expenses	farms	90 786	5 038	11 302	3 164	6 774	6 425
	$1,000	8 405 838	241 925	422 246	87 301	178 261	248 949
Average per farm	dollars	92 590	48 020	37 360	27 592	26 316	38 747
Livestock and poultry purchased	farms	30 572	2 506	3 269	644	1 490	1 597
	$1,000	1 260 448	65 338	88 526	10 691	39 539	28 875
Farms with expenses of—							
$1 to $4,999		13 379	1 434	2 094	433	941	1 007
$5,000 to $24,999		9 489	627	704	158	381	440
$25,000 to $99,999		5 333	319	306	34	132	111
$100,000 to $249,999		1 322	64	93	9	21	16
$250,000 or more		1 049	62	72	10	15	23
Feed for livestock and poultry	farms	46 733	3 460	5 396	1 241	2 567	2 572
	$1,000	1 585 107	99 229	172 936	36 882	45 511	79 329
Farms with expenses of—							
$1 to $4,999		23 264	2 108	4 062	968	1 846	1 726
$5,000 to $24,999		12 922	804	670	165	526	561
$25,000 to $99,999		7 779	367	407	81	156	208
$100,000 to $249,999		1 809	96	118	9	16	43
$250,000 or more		959	85	139	18	23	34
Commercially mixed formula feeds	farms	27 617	2 214	3 239	733	1 355	1 468
	$1,000	854 175	62 202	98 358	29 257	29 385	56 503
Farms with expenses of—							
$1 to $4,999		14 923	1 418	2 410	626	992	1 073
$5,000 to $24,999		7 904	503	422	60	290	269
$25,000 to $99,999		3 560	193	259	30	49	89
$100,000 or more		1 230	100	148	17	24	37
Seeds, bulbs, plants, and trees	farms	68 732	925	4 386	1 492	4 134	4 498
	$1,000	488 961	1 328	4 856	1 402	5 777	8 243
Farms with expenses of—							
$1 to $999		12 228	862	3 774	928	1 706	1 403
$1,000 to $4,999		24 804	42	542	552	2 395	2 956
$5,000 to $24,999		28 798	13	48	11	33	138
$25,000 to $49,999		2 462	4	12	–	–	1
$50,000 or more		440	4	10	1	–	–
Commercial fertilizer	farms	65 626	881	3 939	1 333	3 939	4 287
	$1,000	636 785	349	2 871	1 601	6 897	10 034
Farms with expenses of—							
$1 to $4,999		29 645	880	3 931	1 324	3 808	3 917
$5,000 to $24,999		30 385	–	6	9	131	370
$25,000 to $49,999		4 432	–	2	–	–	–
$50,000 or more		1 164	1	–	–	–	–
Agricultural chemicals	farms	64 489	1 384	4 893	1 534	4 113	4 321
	$1,000	521 566	472	2 827	1 551	6 412	9 103
Farms with expenses of—							
$1 to $4,999		33 739	1 383	4 876	1 518	3 959	4 056
$5,000 to $24,999		26 795	–	16	16	154	257
$25,000 to $49,999		3 191	–	1	–	–	8
$50,000 or more		764	1	–	–	–	–
Petroleum products	farms	84 456	4 254	9 559	2 628	5 861	5 784
	$1,000	350 799	7 390	12 208	2 607	6 987	9 502
Farms with expenses of—							
$1 to $4,999		61 749	3 939	9 198	2 584	5 776	5 590
$5,000 to $24,999		21 538	280	309	38	75	170
$25,000 to $49,999		966	26	28	4	7	13
$50,000 or more		203	9	24	2	3	11
Gasoline and gasohol	farms	70 591	3 625	8 189	2 230	4 754	4 618
	$1,000	83 552	2 297	4 020	1 098	2 756	3 313
Diesel fuel	farms	65 871	1 481	3 987	1 334	3 663	4 121
	$1,000	151 144	1 536	2 667	657	1 992	3 039
Natural gas	farms	4 094	211	256	47	144	145
	$1,000	9 805	820	1 029	13	141	169
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms	71 329	2 763	5 362	1 751	4 088	4 364
	$1,000	106 298	2 736	4 491	839	2 098	2 981

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—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
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.							
Total sales (see text)—Con.							
Hogs and pigs ..... farms..	1 172	864	971	4 739	4 321	1 497	195
$1,000..	147 189	89 582	132 244	635 524	785 754	380 957	96 547
Sales of $50,000 or more ..... farms..	524	400	518	2 882	3 064	1 194	174
$1,000..	134 601	80 933	122 976	592 979	756 258	373 684	96 063
Sheep, lambs, and wool ..... farms..	342	205	243	798	583	161	16
$1,000..	1 958	1 396	1 487	4 785	6 233	3 113	59
Sales of $50,000 or more ..... farms..	6	4	3	11	21	7	–
$1,000..	900	780	530	1 550	3 508	2 200	–
Other livestock and livestock products (see text) ..... farms..	169	106	69	285	193	80	6
$1,000..	2 811	1 866	398	2 524	1 286	1 369	17
Sales of $50,000 or more ..... farms..	3	4	1	4	6	3	–
$1,000..	(D)	(D)	(D)	1 323	423	1 020	–
Value of agricultural products sold directly to individuals for human consumption (see text)..... farms..	137	87	79	286	270	72	11
$1,000..	416	416	153	1 124	1 088	242	29
FARM PRODUCTION EXPENSES[1]							
Total farm production expenses ..... farms..	8 324	5 221	5 266	19 477	14 800	4 222	773
$1,000..	361 059	263 638	344 999	1 793 416	2 434 293	1 495 924	533 828
Average per farm .....dollars..	43 376	50 496	65 514	92 079	164 479	354 317	690 593
Livestock and poultry purchased ..... farms..	2 141	1 641	1 637	7 343	5 869	2 047	388
$1,000..	40 919	35 419	41 182	236 845	324 567	261 734	86 815
Farms with expenses of—							
$1 to $4,999	1 085	804	733	2 779	1 666	353	50
$5,000 to $24,999	732	559	571	2 566	2 103	547	101
$25,000 to $99,999	281	227	271	1 596	1 349	599	108
$100,000 to $249,999	19	35	34	236	442	286	67
$250,000 or more	24	16	28	166	309	262	62
Feed for livestock and poultry ..... farms..	3 654	2 600	2 716	10 990	8 409	2 692	436
$1,000..	90 761	49 154	79 153	306 294	339 601	226 770	59 488
Farms with expenses of—							
$1 to $4,999	1 999	1 397	1 245	4 338	2 937	585	53
$5,000 to $24,999	929	802	782	3 651	3 022	880	130
$25,000 to $99,999	623	355	600	2 503	1 654	699	126
$100,000 to $249,999	66	25	61	349	596	358	72
$250,000 or more	37	21	28	149	200	170	55
Commercially mixed formula feeds ..... farms..	2 003	1 539	1 769	6 285	5 005	1 726	281
$1,000..	55 716	25 873	46 990	149 388	165 523	117 261	17 718
Farms with expenses of—							
$1 to $4,999	1 103	899	871	2 807	2 183	487	54
$5,000 to $24,999	609	504	601	2 258	1 707	586	95
$25,000 to $99,999	248	112	250	1 008	796	444	82
$100,000 or more	43	24	47	212	319	209	50
Seeds, bulbs, plants, and trees ..... farms..	6 524	4 408	4 707	18 235	14 465	4 190	768
$1,000..	17 079	14 619	18 645	115 777	171 899	94 252	35 084
Farms with expenses of—							
$1 to $999	1 127	631	502	1 017	252	24	2
$1,000 to $4,999	4 831	2 913	2 656	5 963	1 670	264	20
$5,000 to $24,999	565	860	1 546	11 184	11 951	2 292	157
$25,000 to $49,999	–	3	3	67	560	1 476	336
$50,000 or more	1	1	–	4	32	134	253
Commercial fertilizer ..... farms..	6 145	4 127	4 461	17 533	14 127	4 095	759
$1,000..	21 829	19 247	24 293	153 164	227 392	124 108	45 000
Farms with expenses of—							
$1 to $4,999	4 705	2 502	2 345	4 755	1 271	196	11
$5,000 to $24,999	1 439	1 624	2 114	12 491	10 501	1 580	120
$25,000 to $49,999	1	1	2	268	2 202	1 711	245
$50,000 or more	–	–	–	19	153	608	383
Agricultural chemicals ..... farms..	5 982	4 062	4 212	16 601	13 049	3 721	617
$1,000..	17 275	16 038	19 671	125 250	181 628	102 895	38 443
Farms with expenses of—							
$1 to $4,999	5 045	2 661	2 388	5 677	1 919	241	16
$5,000 to $24,999	937	1 401	1 814	10 806	9 809	1 509	76
$25,000 to $49,999	–	–	10	117	1 275	1 608	172
$50,000 or more	–	–	–	1	46	363	353
Petroleum products ..... farms..	7 696	4 945	5 089	18 987	14 672	4 210	771
$1,000..	16 594	12 754	14 521	83 670	109 118	55 334	20 114
Farms with expenses of—							
$1 to $4,999	7 128	4 386	4 289	12 878	5 444	508	29
$5,000 to $24,999	554	551	794	6 021	8 978	3 340	428
$25,000 to $49,999	6	5	3	74	226	321	253
$50,000 or more	8	3	3	14	24	41	61
Gasoline and gasohol ..... farms..	6 254	4 171	4 107	15 917	12 405	3 631	690
$1,000..	4 960	4 091	4 153	20 030	21 974	10 669	4 192
Diesel fuel ..... farms..	6 130	4 141	4 405	17 615	14 140	4 108	746
$1,000..	5 740	4 812	5 794	36 269	51 930	26 828	9 879
Natural gas ..... farms..	274	230	258	1 136	912	394	87
$1,000..	700	359	332	1 935	2 326	1 373	609
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	6 528	4 347	4 600	18 112	14 459	4 187	768
$1,000..	5 194	3 492	4 242	25 436	32 888	16 465	5 435

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—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
FARM PRODUCTION EXPENSES[1]—Con.						
Total farm production expenses—Con.						
Electricity ..... farms..	73 232	3 818	7 061	1 919	4 462	4 419
$1,000..	127 679	4 657	7 811	1 724	3 238	5 073
Farms with expenses of—						
$1 to $999	36 803	2 802	5 774	1 521	3 632	3 170
$1,000 to $4,999	32 280	866	1 067	378	796	1 177
$5,000 to $24,999	3 929	137	177	14	27	58
$25,000 to $49,999	151	8	31	3	4	6
$50,000 or more	69	5	12	3	3	8
Hired farm labor ..... farms..	33 016	1 099	2 282	662	1 479	1 574
$1,000..	316 779	13 672	28 008	3 392	5 191	12 023
Farms with expenses of—						
$1 to $4,999	23 586	867	1 953	621	1 379	1 415
$5,000 to $24,999	6 689	94	135	22	70	112
$25,000 to $99,999	2 315	106	129	13	20	30
$100,000 to $249,999	328	23	45	4	5	10
$250,000 or more	98	9	20	2	5	7
Workers by days worked:						
150 days or more ..... farms..	10 990	347	671	162	328	361
workers..	20 517	799	1 898	316	452	852
Less than 150 days ..... farms..	29 661	1 061	2 210	649	1 434	1 535
workers..	73 630	2 871	6 340	1 530	3 128	4 023
Contract labor ..... farms..	6 152	231	659	150	318	358
$1,000..	24 905	1 666	2 533	196	696	616
Farms with expenses of—						
$1 to $999	2 512	91	426	89	211	229
$1,000 to $4,999	2 713	80	181	56	88	105
$5,000 to $24,999	812	49	30	4	16	23
$25,000 to $49,999	63	6	8	1	1	1
$50,000 or more	52	5	14	–	2	–
Repair and maintenance ..... farms..	78 128	3 792	8 076	2 293	5 103	5 017
$1,000..	504 525	10 255	18 671	5 231	11 016	15 546
Farms with expenses of—						
$1 to $4,999	46 146	3 331	7 335	2 065	4 632	4 240
$5,000 to $24,999	29 129	414	665	218	456	752
$25,000 to $49,999	2 300	37	47	5	7	14
$50,000 or more	553	10	29	5	8	11
Customwork, machine hire, and rental of machinery and equipment..... farms..	43 788	1 288	3 710	1 170	2 748	2 886
$1,000..	168 101	1 931	4 714	2 553	4 114	7 434
Farms with expenses of—						
$1 to $999	15 486	981	2 959	642	1 390	1 211
$1,000 to $4,999	19 166	253	636	484	1 232	1 397
$5,000 to $24,999	8 471	45	94	33	126	269
$25,000 to $49,999	468	6	9	–	–	5
$50,000 or more	197	3	12	11	–	4
Interest ..... farms..	55 257	2 116	4 448	1 228	3 108	3 166
$1,000..	600 284	9 825	21 886	6 179	12 322	17 814
Farms with expenses of—						
$1 to $4,999	26 319	1 682	3 583	983	2 523	2 252
$5,000 to $24,999	23 038	366	746	222	545	866
$25,000 to $99,999	5 631	62	96	20	37	40
$100,000 or more	269	6	23	3	3	8
Secured by real estate ..... farms..	36 993	1 414	3 313	887	2 033	2 007
$1,000..	347 061	4 748	13 346	3 918	7 557	11 217
Farms with expenses of—						
$1 to $999	4 105	544	881	211	430	358
$1,000 to $4,999	13 186	634	1 768	500	1 182	967
$5,000 to $24,999	16 914	218	610	166	404	657
$25,000 to $49,999	2 216	12	40	5	15	19
$50,000 or more	572	6	14	5	2	6
Not secured by real estate ..... farms..	36 242	1 162	2 149	654	1 727	1 901
$1,000..	253 223	5 077	8 539	2 261	4 765	6 597
Farms with expenses of—						
$1 to $999	8 257	599	1 192	388	838	860
$1,000 to $4,999	14 030	355	717	203	764	815
$5,000 to $24,999	12 220	172	173	57	116	199
$25,000 to $49,999	1 249	20	35	3	2	17
$50,000 or more	486	16	32	3	7	10
Cash rent ..... farms..	36 892	338	1 433	527	1 328	1 539
$1,000..	866 955	2 147	2 933	1 881	7 213	11 889
Farms with expenses of—						
$1 to $4,999	9 782	300	1 379	379	709	767
$5,000 to $9,999	5 578	14	30	143	479	435
$10,000 to $24,999	10 588	15	6	1	136	322
$25,000 or more	10 944	9	18	4	4	15
Property taxes ..... farms..	79 236	4 531	10 211	2 800	5 895	5 416
$1,000..	242 120	3 858	11 794	4 301	8 902	9 950
Farms with expenses of—						
$1 to $4,999	65 405	4 449	10 028	2 714	5 744	5 172
$5,000 to $9,999	10 244	60	136	81	144	228
$10,000 to $24,999	3 273	22	39	2	5	14
$25,000 or more	314	–	8	3	2	2
All other farm production expenses..... farms..	85 922	4 395	9 397	2 737	6 175	6 056
$1,000..	710 824	19 811	39 672	7 111	14 446	23 520
Farms with expenses of—						
$1 to $4,999	53 161	3 842	8 786	2 596	5 740	5 290
$5,000 to $24,999	27 377	411	426	112	409	717
$25,000 to $49,999	3 592	67	83	14	7	17
$50,000 to $99,999	1 297	53	49	6	11	14
$100,000 or more	495	22	53	9	8	18

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—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
FARM PRODUCTION EXPENSES[1]—Con.							
Total farm production expenses—Con.							
Electricity ..... farms..	6 488	4 322	4 512	17 288	14 102	4 093	748
$1,000..	7 559	5 229	7 206	29 683	34 049	16 027	5 424
Farms with expenses of—							
$1 to $999	4 163	2 513	2 264	6 968	3 471	485	40
$1,000 to $4,999	2 197	1 731	2 070	9 631	9 352	2 652	363
$5,000 to $24,999	118	75	163	667	1 250	924	319
$25,000 to $49,999	5	1	12	16	17	25	23
$50,000 or more	5	2	3	6	12	7	3
Hired farm labor ..... farms..	2 399	1 537	2 026	7 968	8 315	3 008	667
$1,000..	14 973	7 476	10 156	44 979	81 605	64 115	31 190
Farms with expenses of—							
$1 to $4,999	2 101	1 240	1 591	5 980	5 263	1 063	113
$5,000 to $24,999	271	279	379	1 654	2 311	1 159	203
$25,000 to $99,999	13	11	47	306	686	687	267
$100,000 to $249,999	7	3	8	23	43	87	70
$250,000 or more	7	4	1	5	12	12	14
Workers by days worked:							
150 days or more ..... farms..	610	466	571	2 346	2 941	1 708	479
workers..	982	771	917	3 642	4 922	3 582	1 384
Less than 150 days ..... farms..	2 222	1 373	1 899	7 120	7 187	2 440	531
workers..	5 016	3 447	4 592	16 072	16 875	7 407	2 329
Contract labor ..... farms..	405	303	308	1 370	1 290	585	175
$1,000..	2 689	859	1 001	4 159	4 900	4 173	1 417
Farms with expenses of—							
$1 to $999	233	110	126	546	352	85	14
$1,000 to $4,999	155	158	108	661	717	321	83
$5,000 to $24,999	13	32	71	157	199	150	68
$25,000 to $49,999	–	3	2	4	14	15	8
$50,000 or more	4	–	1	2	8	14	2
Repair and maintenance ..... farms..	6 946	4 585	4 762	18 195	14 415	4 178	766
$1,000..	24 176	19 309	23 461	121 407	153 892	76 061	25 499
Farms with expenses of—							
$1 to $4,999	5 396	3 205	3 056	8 819	3 581	443	43
$5,000 to $24,999	1 530	1 351	1 659	9 030	9 965	2 765	324
$25,000 to $49,999	11	25	42	299	758	802	253
$50,000 or more	9	4	5	47	111	168	146
Customwork, machine hire, and rental of machinery and equipment ..... farms..	4 080	2 866	2 910	10 502	8 418	2 681	529
$1,000..	11 236	10 242	8 683	41 404	44 776	21 216	9 799
Farms with expenses of—							
$1 to $999	1 415	969	889	2 814	1 844	349	23
$1,000 to $4,999	2 118	1 327	1 454	5 074	3 924	1 122	145
$5,000 to $24,999	542	565	566	2 484	2 399	1 072	276
$25,000 to $49,999	3	1	1	104	200	93	46
$50,000 or more	2	4	–	26	51	45	39
Interest ..... farms..	4 199	3 033	3 331	13 746	12 339	3 796	747
$1,000..	24 168	19 786	26 690	126 664	188 667	106 702	39 580
Farms with expenses of—							
$1 to $4,999	2 679	1 681	1 711	5 747	3 048	391	39
$5,000 to $24,999	1 424	1 273	1 496	7 076	7 020	1 800	204
$25,000 to $99,999	93	76	119	909	2 234	1 522	423
$100,000 or more	3	3	5	14	37	83	81
Secured by real estate ..... farms..	2 671	1 902	2 104	8 718	8 523	2 862	559
$1,000..	15 635	12 438	16 984	75 422	107 989	58 190	19 615
Farms with expenses of—							
$1 to $999	330	154	196	596	336	59	10
$1,000 to $4,999	1 238	786	809	2 892	1 934	429	47
$5,000 to $24,999	1 042	922	1 023	4 799	5 257	1 572	244
$25,000 to $49,999	43	32	69	395	876	581	129
$50,000 or more	18	8	7	36	120	221	129
Not secured by real estate ..... farms..	2 607	1 882	2 217	9 403	9 025	2 922	593
$1,000..	8 533	7 348	9 706	51 242	80 678	48 512	19 965
Farms with expenses of—							
$1 to $999	829	536	546	1 484	833	142	10
$1,000 to $4,999	1 399	878	1 039	4 426	2 903	490	41
$5,000 to $24,999	354	452	599	3 330	4 814	1 681	273
$25,000 to $49,999	19	10	28	130	367	464	154
$50,000 or more	6	6	5	33	108	145	115
Cash rent ..... farms..	2 321	1 745	2 058	11 022	10 439	3 462	680
$1,000..	23 154	16 968	24 322	192 142	303 287	197 117	83 903
Farms with expenses of—							
$1 to $4,999	868	631	629	2 340	1 489	268	23
$5,000 to $9,999	574	423	409	1 616	1 193	236	26
$10,000 to $24,999	852	635	815	4 170	2 916	660	60
$25,000 or more	27	56	205	2 896	4 841	2 298	571
Property taxes ..... farms..	6 978	4 417	4 537	16 594	13 256	3 887	714
$1,000..	14 929	11 374	13 835	55 830	66 314	31 319	9 714
Farms with expenses of—							
$1 to $4,999	6 677	4 028	3 936	12 996	7 848	1 600	213
$5,000 to $9,999	245	344	538	3 271	3 845	1 186	166
$10,000 to $24,999	53	43	54	312	1 526	975	228
$25,000 or more	3	2	9	15	37	126	107
All other farm production expenses ..... farms..	7 900	5 071	5 179	19 278	14 740	4 222	772
$1,000..	33 718	25 163	32 180	156 148	202 596	114 100	42 359
Farms with expenses of—							
$1 to $4,999	6 386	3 597	3 265	9 371	3 793	444	51
$5,000 to $24,999	1 400	1 413	1 789	8 993	9 124	2 342	241
$25,000 to $49,999	92	41	92	736	1 317	921	205
$50,000 to $99,999	6	11	25	138	411	390	183
$100,000 or more	16	9	8	40	95	125	92

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—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
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)[1]						
All farms ..... number..	90 786	5 038	11 302	3 164	6 774	6 425
$1,000..	2 969 179	71 497	103 966	13 897	37 100	40 227
Average per farm ..... dollars..	32 705	14 191	9 199	4 392	5 477	6 261
Farms with net gains[2] ..... number..	60 033	2 482	4 281	1 277	3 241	3 496
Average net gain ..... dollars..	54 248	33 563	32 735	19 303	17 206	18 583
Gain of—						
Less than $1,000	2 958	595	940	147	336	197
$1,000 to $9,999	14 355	942	2 362	861	1 973	1 671
$10,000 to $49,999	23 955	608	579	237	820	1 480
$50,000 or more	18 765	337	400	32	112	148
Farms with net losses ..... number..	30 753	2 556	7 021	1 887	3 533	2 929
Average net loss ..... dollars..	9 348	4 619	5 152	5 699	5 283	8 446
Loss of—						
Less than $1,000	4 252	693	1 427	333	567	322
$1,000 to $9,999	19 376	1 649	5 033	1 326	2 596	1 956
$10,000 to $49,999	6 564	204	521	225	358	642
$50,000 or more	561	10	40	3	12	9
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME						
Government payments ..... farms..	67 795	933	4 803	1 964	4 702	4 854
$1,000..	536 924	2 743	7 719	4 525	13 560	17 139
Other farm-related income[1] ..... farms..	39 905	1 320	3 302	1 000	2 343	2 468
$1,000..	260 021	8 167	22 256	11 449	14 334	17 641
Customwork and other agricultural services ..... farms..	10 656	146	542	106	318	388
$1,000..	86 843	982	3 689	343	1 465	1 764
Gross cash rent or share payments ..... farms..	11 241	775	1 898	673	1 064	1 086
$1,000..	134 239	6 747	17 309	10 791	12 168	14 796
Forest products, excluding Christmas trees and maple products ..... farms..	774	15	98	47	36	56
$1,000..	4 037	28	524	102	54	247
Other farm-related income sources ..... farms..	28 494	644	1 393	466	1 428	1 493
$1,000..	34 902	409	733	213	647	834
COMMODITY CREDIT CORPORATION LOANS						
Total ..... farms..	12 999	6	161	88	313	472
$1,000..	508 209	6	295	315	1 811	3 776
Corn ..... farms..	11 532	2	121	74	259	420
$1,000..	313 831	(D)	(D)	161	1 069	2 369
Wheat ..... farms..	14	1	–	–	1	–
$1,000..	17	(D)	–	–	(D)	–
Soybeans ..... farms..	6 070	3	53	27	114	156
$1,000..	194 281	(D)	156	(D)	742	1 407
Sorghum, barley, and oats ..... farms..	92	–	3	1	2	–
$1,000..	79	–	(D)	(D)	(D)	–
Cotton ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Peanuts, rice, and tobacco ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
LAND IN FARMS ACCORDING TO USE						
Total cropland ..... farms..	83 375	1 937	9 295	2 790	6 217	6 167
acres..	26 821 844	7 621	186 332	122 900	400 758	574 889
Harvested cropland ..... farms..	74 951	1 380	7 094	2 044	4 876	5 109
acres..	23 323 249	5 064	115 812	72 319	265 728	397 441
Farms by acres harvested:						
1 to 49 acres	15 222	1 380	7 094	1 359	1 829	1 274
50 to 99 acres	8 807	–	–	685	3 047	1 848
100 to 199 acres	14 539	–	–	–	–	1 987
200 to 499 acres	21 216	–	–	–	–	–
500 to 999 acres	11 290	–	–	–	–	–
1,000 to 1,999 acres	3 429	–	–	–	–	–
2,000 acres or more	448	–	–	–	–	–
Cropland:						
Pasture or grazing only ..... farms..	28 797	646	3 008	882	1 703	2 039
acres..	2 001 198	2 141	37 736	22 215	50 747	76 036
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms..	12 494	55	915	416	997	993
acres..	672 119	161	14 447	12 227	36 984	45 454
On which all crops failed ..... farms..	1 188	6	72	33	80	89
acres..	41 542	11	518	509	1 230	1 675
In cultivated summer fallow ..... farms..	665	8	57	24	58	66
acres..	32 353	17	565	367	1 304	1 717
Idle ..... farms..	12 221	84	1 028	507	1 153	1 097
acres..	751 383	227	17 254	15 263	44 765	52 566
Total woodland ..... farms..	22 516	199	2 486	982	1 826	1 955
acres..	1 315 257	503	28 823	23 530	54 002	71 527
Woodland pastured ..... farms..	11 335	86	1 002	414	748	892
acres..	633 367	232	10 956	8 878	19 338	26 725
Woodland not pastured ..... farms..	15 072	120	1 665	666	1 284	1 354
acres..	681 890	271	17 867	14 652	34 664	44 802

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—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
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)[1]							
All farms ..... number..	8 324	5 221	5 266	19 477	14 800	4 222	773
$1,000..	107 785	76 772	115 970	674 321	946 365	569 784	211 496
Average per farm ..... dollars..	12 949	14 705	22 022	34 621	63 944	134 956	273 604
Farms with net gains[2] ..... number..	5 295	3 539	3 812	15 430	12 707	3 779	694
Average net gain ..... dollars..	24 518	25 684	34 208	47 233	78 738	156 327	312 133
Gain of—							
Less than $1,000	224	135	98	194	82	10	–
$1,000 to $9,999	1 770	994	797	2 055	830	90	10
$10,000 to $49,999	2 947	2 077	2 343	8 199	4 112	520	33
$50,000 or more	354	333	574	4 982	7 683	3 159	651
Farms with net losses ..... number..	3 029	1 682	1 454	4 047	2 093	443	79
Average net loss ..... dollars..	7 276	8 398	9 925	13 464	25 873	47 353	64 865
Loss of—							
Less than $1,000	273	119	120	284	95	17	2
$1,000 to $9,999	2 133	1 048	827	1 988	719	88	13
$10,000 to $49,999	585	505	501	1 668	1 103	220	32
$50,000 or more	38	10	6	107	176	118	32
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME							
Government payments ..... farms..	6 555	4 291	4 292	16 361	13 540	4 784	716
$1,000..	26 824	20 656	22 765	120 875	169 508	107 182	23 428
Other farm-related income[1] ..... farms..	3 516	2 185	2 518	10 052	8 444	2 430	327
$1,000..	22 075	11 078	13 630	55 486	49 630	26 251	8 025
Customwork and other agricultural services ..... farms..	644	447	491	3 103	3 183	1 105	183
$1,000..	3 016	2 974	4 613	21 305	25 729	15 521	5 440
Gross cash rent or share payments ..... farms..	1 168	652	674	1 743	1 110	349	49
$1,000..	16 832	6 857	6 998	23 849	11 612	4 964	1 315
Forest products, excluding Christmas trees and maple products ..... farms..	84	25	91	163	122	30	7
$1,000..	417	15	309	970	1 012	169	190
Other farm-related income sources ..... farms..	2 535	1 639	2 027	7 855	6 897	1 873	244
$1,000..	1 809	1 231	1 709	9 362	11 276	5 598	1 080
COMMODITY CREDIT CORPORATION LOANS							
Total ..... farms..	911	700	798	3 752	4 086	1 504	208
$1,000..	9 829	9 705	13 458	95 645	195 285	136 123	41 961
Corn ..... farms..	794	616	697	3 351	3 669	1 343	186
$1,000..	6 307	6 261	8 180	59 788	120 778	83 484	25 296
Wheat ..... farms..	–	2	–	3	3	3	1
$1,000..	–	(D)	–	(D)	4	(D)	(D)
Soybeans ..... farms..	326	258	334	1 682	2 101	872	144
$1,000..	3 519	3 442	5 277	35 819	74 469	52 630	(D)
Sorghum, barley, and oats ..... farms..	9	11	10	35	17	3	1
$1,000..	3	(D)	1	(D)	34	(D)	(D)
Cotton ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Peanuts, rice, and tobacco ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
LAND IN FARMS ACCORDING TO USE							
Total cropland ..... farms..	7 874	5 107	4 993	18 346	14 772	5 105	772
acres..	1 033 563	836 299	992 935	5 795 923	9 067 172	5 928 898	1 874 554
Harvested cropland ..... farms..	6 940	4 639	4 663	17 734	14 619	5 084	769
acres..	793 781	645 279	806 561	4 947 871	8 117 097	5 426 441	1 729 855
Farms by acres harvested:							
1 to 49 acres	858	485	317	539	82	5	–
50 to 99 acres	1 217	630	448	775	147	10	–
100 to 199 acres	4 865	3 030	1 555	2 593	474	30	5
200 to 499 acres	–	494	2 343	13 827	4 271	268	13
500 to 999 acres	–	–	–	–	9 645	1 604	41
1,000 to 1,999 acres	–	–	–	–	–	3 167	262
2,000 acres or more	–	–	–	–	–	–	448
Cropland:							
Pasture or grazing only ..... farms..	2 467	1 808	1 829	6 832	5 517	1 826	240
acres..	100 281	91 160	100 221	486 812	631 107	329 361	73 381
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms..	1 265	821	765	2 819	2 398	902	148
acres..	63 088	46 580	40 567	164 330	147 803	76 046	24 432
On which all crops failed ..... farms..	106	70	61	289	256	104	22
acres..	2 157	1 506	1 541	8 247	11 721	9 343	3 084
In cultivated summer fallow ..... farms..	77	63	43	153	86	20	10
acres..	2 594	3 192	1 375	10 016	6 875	1 533	2 798
Idle ..... farms..	1 269	760	725	2 548	2 034	846	170
acres..	71 662	48 582	42 670	178 647	152 569	86 174	41 004
Total woodland ..... farms..	2 028	1 606	1 423	4 788	3 714	1 311	198
acres..	86 472	78 485	80 040	320 570	335 979	181 943	53 383
Woodland pastured ..... farms..	982	833	774	2 655	2 088	745	116
acres..	36 771	36 197	37 948	159 145	174 321	97 865	24 991
Woodland not pastured ..... farms..	1 367	1 036	933	3 167	2 440	900	140
acres..	49 701	42 288	42 092	161 425	161 658	84 078	28 392

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—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
LAND IN FARMS ACCORDING TO USE—Con.							
Pastureland and rangeland other than cropland and woodland pastured	farms	18 756	671	2 609	687	1 330	1 324
	acres	1 440 627	2 406	40 614	20 816	45 361	53 994
Land in house lots, ponds, roads, wasteland, etc.	farms	61 890	3 933	7 565	1 867	4 254	4 298
	acres	1 588 971	10 025	49 429	18 991	47 237	61 981
Irrigated land	farms	957	145	145	28	24	48
	acres	124 983	230	897	410	460	1 101
Harvested cropland irrigated	farms	930	143	143	27	21	46
	acres	123 084	(D)	872	(D)	445	(D)
Pasture and other land irrigated	farms	35	2	5	1	3	2
	acres	1 899	(D)	25	(D)	15	(D)
Land under Conservation Reserve or Wetlands Reserve Programs	farms	24 137	139	2 159	991	2 194	2 111
	acres	1 707 901	415	43 977	34 736	102 202	120 885
VALUE OF LAND AND BUILDINGS[1]							
Estimated market value of land and buildings	farms	90 786	5 038	11 302	3 164	6 774	6 425
	$1,000	51 438 152	468 406	1 233 119	483 737	1 011 041	1 230 822
Average per farm	dollars	566 587	92 975	109 106	152 888	149 253	191 568
Average per acre	dollars	1 697	22 174	4 126	2 613	1 834	1 640
Farms by value group:							
$1 to $39,999	farms	6 863	2 324	3 009	468	509	200
$40,000 to $69,999	farms	6 204	981	2 320	518	980	577
$70,000 to $99,999	farms	5 997	646	1 686	548	1 107	815
$100,000 to $149,999	farms	8 505	583	1 911	724	1 428	1 369
$150,000 to $199,999	farms	6 673	207	1 113	388	1 138	965
$200,000 to $499,999	farms	24 213	173	1 094	431	1 493	2 342
$500,000 to $999,999	farms	17 252	79	106	57	90	122
$1,000,000 to $1,999,999	farms	10 795	14	32	21	27	24
$2,000,000 to $4,999,999	farms	3 899	28	29	–	2	9
$5,000,000 or more	farms	385	3	2	9	–	2
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment	farms	90 747	5 031	11 293	3 164	6 774	6 402
	$1,000	7 318 851	152 237	303 235	86 351	187 570	224 480
Farms by value group:							
$1 to $4,999	farms	5 590	890	1 860	329	705	560
$5,000 to $9,999	farms	8 201	1 019	2 337	559	1 138	879
$10,000 to $19,999	farms	13 192	1 261	2 868	946	1 820	1 507
$20,000 to $49,999	farms	21 194	1 143	2 848	874	2 111	2 072
$50,000 to $99,999	farms	17 049	368	794	340	736	841
$100,000 to $199,999	farms	15 110	233	382	85	234	432
$200,000 to $499,999	farms	9 363	109	180	27	26	107
$500,000 or more	farms	1 048	8	24	4	4	4
SELECTED MACHINERY AND EQUIPMENT[1]							
Motortrucks, including pickups	farms	83 941	4 414	9 705	2 814	5 804	5 608
	number	147 779	6 451	14 062	3 767	8 369	8 057
Wheel tractors	farms	84 736	4 258	10 124	2 889	6 179	5 966
	number	255 019	7 987	19 162	6 567	14 038	14 669
Less than 40 horsepower (PTO)	farms	38 074	2 100	5 129	1 547	3 057	2 787
	number	59 853	2 894	7 541	2 472	4 614	4 324
40 horsepower (PTO) or more	farms	76 722	3 100	7 618	2 310	5 276	5 240
	number	195 166	5 093	11 621	4 095	9 424	10 345
40 to 99 horsepower (PTO)	farms	63 516	2 768	6 770	2 032	4 416	4 573
	number	108 644	3 931	9 095	3 146	6 861	7 358
100 horsepower (PTO) or more	farms	49 966	899	2 065	764	2 124	2 467
	number	86 522	1 162	2 526	949	2 563	2 987
Grain and bean combines	farms	42 979	328	1 357	564	1 656	1 825
	number	46 717	343	1 446	601	1 727	1 898
Cotton pickers and strippers	farms	–	–	–	–	–	–
	number	–	–	–	–	–	–
Mower conditioners	farms	24 751	351	1 705	553	1 471	1 791
	number	26 324	365	1 810	593	1 541	1 916
Pickup balers	farms	28 853	477	2 034	689	1 682	1 916
	number	34 622	535	2 257	758	1 957	2 255
AGRICULTURAL CHEMICALS[1]							
Commercial fertilizer	farms	65 495	793	3 906	1 333	3 931	4 285
	acres on which used	14 473 220	2 922	61 425	39 516	166 816	251 045
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops	farms	24 957	254	1 096	411	1 115	1 404
	acres on which used	3 241 067	880	14 721	11 570	41 951	72 201
Nematodes in crops	farms	1 426	1	66	13	101	108
	acres on which used	175 517	(D)	746	(D)	3 982	5 858
Diseases in crops and orchards	farms	1 122	96	146	19	62	115
	acres on which used	131 187	194	1 194	415	2 772	6 149
Weeds, grass, or brush in crops and pasture	farms	53 909	602	3 494	1 102	3 155	3 459
	acres on which used	16 674 094	2 604	63 058	38 519	164 657	266 741
Chemicals used on crops to control growth, thin fruit, or defoliate	farms	43	10	9	1	–	–
	acres on which used	1 594	12	20	(D)	–	–

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—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
LAND IN FARMS ACCORDING TO USE—Con.							
Pastureland and rangeland other than cropland and woodland pastured..... farms..	1 488	1 058	1 064	3 862	3 214	1 208	241
acres..	63 445	58 402	60 741	288 139	367 215	263 725	175 769
Land in house lots, ponds, roads, wasteland, etc. ..... farms..	5 568	3 553	3 578	12 921	10 276	3 541	536
acres..	94 750	67 268	76 954	362 963	443 487	262 212	93 674
Irrigated land ..... farms..	41	39	19	116	181	128	43
acres..	2 990	2 707	1 865	14 046	35 545	41 848	22 884
Harvested cropland irrigated ..... farms..	37	34	19	112	179	127	42
acres..	(D)	2 528	1 865	13 960	(D)	(D)	(D)
Pasture and other land irrigated ..... farms..	4	6	–	6	3	2	1
acres..	(D)	179	–	86	(D)	(D)	(D)
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms..	2 359	1 505	1 362	4 988	4 299	1 738	292
acres..	159 396	113 343	104 032	413 119	378 553	178 601	58 642
VALUE OF LAND AND BUILDINGS[1]							
Estimated market value of land and buildings..... farms..	8 324	5 221	5 266	19 477	14 800	4 222	773
$1,000..	2 119 564	1 665 679	2 038 616	11 778 141	16 580 261	9 307 506	3 521 261
Average per farm .....dollars..	254 633	319 034	387 128	604 720	1 120 288	2 204 525	4 555 318
Average per acre .....dollars..	1 616	1 616	1 627	1 643	1 655	1 684	1 602
Farms by value group:							
$1 to $39,999	216	49	27	54	6	1	–
$40,000 to $69,999	419	152	89	165	3	–	–
$70,000 to $99,999	628	253	150	131	33	–	–
$100,000 to $149,999	1 076	476	345	523	68	2	–
$150,000 to $199,999	1 145	428	432	720	126	10	1
$200,000 to $499,999	4 361	3 081	2 865	6 561	1 696	114	2
$500,000 to $999,999	423	738	1 271	9 010	4 822	509	25
$1,000,000 to $1,999,999.....	55	40	85	2 272	6 865	1 270	90
$2,000,000 to $4,999,999.....	–	4	1	38	1 169	2 239	380
$5,000,000 or more	1	–	1	3	12	77	275
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ..... farms..	8 324	5 221	5 266	19 477	14 800	4 222	773
$1,000..	364 399	263 084	320 403	1 704 754	2 303 028	1 100 939	308 372
Farms by value group:							
$1 to $4,999	504	188	197	327	20	10	–
$5,000 to $9,999	992	333	330	515	91	5	3
$10,000 to $19,999	1 622	831	628	1 311	364	31	3
$20,000 to $49,999	2 591	2 009	1 603	4 316	1 467	140	20
$50,000 to $99,999	1 703	1 096	1 490	6 271	2 971	394	45
$100,000 to $199,999	748	621	813	4 906	5 537	1 015	104
$200,000 to $499,999	153	137	201	1 755	4 068	2 233	367
$500,000 or more.....	11	6	4	76	282	394	231
SELECTED MACHINERY AND EQUIPMENT[1]							
Motortrucks, including pickups..... farms..	7 470	4 749	4 839	18 881	14 670	4 214	773
number..	10 950	7 088	7 502	32 559	31 926	13 423	3 625
Wheel tractors..... farms..	7 787	4 945	4 959	18 685	14 239	4 020	685
number..	20 342	13 650	14 869	63 680	57 341	18 837	3 877
Less than 40 horsepower (PTO) ..... farms..	3 574	2 187	2 104	7 834	5 766	1 690	299
number..	5 627	3 405	3 303	12 169	9 813	3 031	660
40 horsepower (PTO) or more ..... farms..	7 165	4 581	4 763	18 191	13 964	3 867	647
number..	14 715	10 245	11 566	51 511	47 528	15 806	3 217
40 to 99 horsepower (PTO) ..... farms..	5 977	3 752	3 954	14 642	11 145	2 987	500
number..	9 793	6 404	6 985	26 940	20 933	5 970	1 228
100 horsepower (PTO) or more..... farms..	3 935	2 978	3 304	14 881	12 639	3 405	505
number..	4 922	3 841	4 581	24 571	26 595	9 836	1 989
Grain and bean combines..... farms..	3 085	2 267	2 666	12 665	12 155	3 712	699
number..	3 323	2 405	2 839	13 724	13 220	4 242	949
Cotton pickers and strippers..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Mower conditioners ..... farms..	2 152	1 643	1 559	6 682	5 076	1 502	266
number..	2 249	1 726	1 640	7 095	5 451	1 642	296
Pickup balers..... farms..	2 678	2 009	1 986	7 809	5 705	1 594	274
number..	3 104	2 367	2 299	9 706	7 022	1 999	363
AGRICULTURAL CHEMICALS[1]							
Commercial fertilizer ..... farms..	6 145	4 127	4 461	17 533	14 127	4 095	759
acres on which used..	508 257	416 058	532 327	3 411 433	5 119 701	2 856 395	1 107 325
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms..	2 141	1 622	1 632	7 214	5 894	1 839	335
acres on which used..	126 019	122 558	129 186	830 707	1 028 172	607 103	255 999
Nematodes in crops..... farms..	137	152	114	377	274	70	13
acres on which used..	12 624	13 508	7 987	45 808	53 533	20 947	10 201
Diseases in crops and orchards..... farms..	87	60	31	232	216	42	16
acres on which used..	6 951	4 850	2 454	28 305	50 988	14 704	12 211
Weeds, grass, or brush in crops and pasture ..... farms..	4 941	3 232	3 575	14 718	11 744	3 317	570
acres on which used..	530 013	442 267	591 150	3 946 742	6 077 536	3 330 466	1 220 341
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms..	7	–	–	2	8	2	4
acres on which used..	490	–	–	(D)	436	(D)	(D)

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—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
TENURE AND RACE OF OPERATOR							
All operators		90 792	5 049	11 580	3 183	6 718	6 517
Full owners		42 902	4 443	9 121	2 316	4 811	4 268
Part owners		32 996	125	1 067	437	800	1 158
Tenants		14 894	481	1 392	430	1 107	1 091
White		90 669	5 040	11 551	3 177	6 711	6 510
Full owners		42 830	4 435	9 098	2 310	4 806	4 263
Part owners		32 961	125	1 063	437	800	1 158
Tenants		14 878	480	1 390	430	1 105	1 089
Black and other races		123	9	29	6	7	7
Full owners		72	8	23	6	5	5
Part owners		35	–	4	–	–	–
Tenants		16	1	2	–	2	2
OWNED AND RENTED LAND							
Land owned	farms	76 916	4 582	10 271	2 785	5 764	5 526
	acres	16 795 890	249 879	595 814	285 838	651 695	783 361
Owned land in farms	farms	75 898	4 568	10 188	2 753	5 611	5 426
	acres	14 354 684	17 959	252 623	147 294	420 490	560 910
Land rented or leased from others	farms	48 208	658	2 525	886	1 930	2 286
	acres	16 988 397	12 209	62 730	41 505	132 683	212 781
	landlords	120 737	813	3 454	1 315	2 741	3 439
Rented or leased land in farms	farms	47 890	606	2 459	867	1 907	2 249
	acres	16 812 015	2 596	52 575	38 943	126 868	201 481
Land rented or leased to others	farms	16 229	1 396	2 866	1 061	1 648	1 600
	acres	2 617 588	241 533	353 346	141 106	237 020	233 751
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated		66 661	3 519	8 088	2 024	3 979	4 106
Not on farm operated		19 439	1 092	2 722	949	2 302	2 038
Not reported		4 692	438	770	210	437	373
Operators by principal occupation:							
Farming		56 256	1 489	3 062	1 018	2 601	3 035
Other		34 536	3 560	8 518	2 165	4 117	3 482
Operators by days worked off farm:							
None		40 767	1 157	2 734	889	2 253	2 326
Any		45 408	3 627	8 364	2 163	4 134	3 846
1 to 99 days		9 726	327	735	218	474	486
100 to 199 days		7 009	359	884	284	549	579
200 days or more		28 673	2 941	6 745	1 661	3 111	2 781
Not reported		4 617	265	482	131	331	345
Operators by years on present farm:							
2 years or less		3 505	387	817	232	384	366
3 or 4 years		4 287	499	1 005	226	425	360
5 to 9 years		10 433	1 042	2 074	458	942	872
10 years or more		60 710	2 152	5 845	1 765	3 937	3 961
Average years on present farm		22.3	14.4	16.5	19.2	20.6	21.6
Not reported		11 857	969	1 839	502	1 030	958
Operators by age group:							
Under 25 years		1 468	178	315	69	148	120
25 to 34 years		7 554	689	1 085	253	581	587
35 to 44 years		20 841	1 496	2 714	653	1 144	1 194
45 to 49 years		11 388	651	1 498	356	697	661
50 to 54 years		10 125	482	1 341	379	707	642
55 to 59 years		9 798	432	1 179	331	671	677
60 to 64 years		9 402	300	1 011	279	687	629
65 to 69 years		7 812	283	942	324	725	709
70 years and over		12 404	538	1 495	539	1 358	1 298
Average age		52.4	48.1	51.3	53.6	54.9	54.6
Operators by sex:							
Male		86 174	4 672	10 642	2 914	6 152	6 003
Female		4 618	377	938	269	566	514
Operators of Spanish, Hispanic, or Latino origin (see text)		343	10	41	2	29	27
FARMS BY TYPE OF ORGANIZATION							
Individual or family (sole proprietorship)	farms	75 880	4 321	10 386	2 819	5 872	5 640
	acres	23 526 085	18 272	273 430	164 899	478 752	659 946
Partnership	farms	8 231	443	735	260	623	609
	acres	3 373 783	1 268	20 815	15 245	50 454	70 708
Corporation:							
Family held	farms	5 733	186	264	63	152	191
	acres	3 992 642	610	6 319	3 738	12 324	22 703
More than 10 stockholders	farms	104	2	14	–	2	7
10 or less stockholders	farms	5 629	184	250	63	150	184
Other than family held	farms	395	58	109	20	25	27
	acres	126 835	226	2 299	1 144	2 073	3 204
More than 10 stockholders	farms	64	12	19	4	5	2
10 or less stockholders	farms	331	46	90	16	20	25
Other—cooperative, estate or trust, institutional, etc.	farms	553	41	86	21	46	50
	acres	147 354	179	2 335	1 211	3 755	5 830

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—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
TENURE AND RACE OF OPERATOR							
All operators	8 107	5 265	5 093	18 560	14 833	5 114	773
Full owners	4 743	2 801	2 378	5 509	2 026	425	61
Part owners	1 682	1 455	1 675	9 486	10 451	4 041	619
Tenants	1 682	1 009	1 040	3 565	2 356	648	93
White	8 093	5 256	5 087	18 541	14 825	5 107	771
Full owners	4 734	2 795	2 376	5 502	2 025	425	61
Part owners	1 680	1 454	1 671	9 475	10 446	4 035	617
Tenants	1 679	1 007	1 040	3 564	2 354	647	93
Black and other races	14	9	6	19	8	7	2
Full owners	9	6	2	7	1	–	–
Part owners	2	1	4	11	5	6	2
Tenants	3	2	–	1	2	1	–
OWNED AND RENTED LAND							
Land owned ... farms	6 614	4 328	4 122	15 205	12 550	4 487	682
acres	1 102 436	830 084	879 796	3 875 898	4 334 296	2 429 936	776 857
Owned land in farms ... farms	6 425	4 256	4 053	14 995	12 477	4 466	680
acres	866 163	691 207	751 920	3 464 604	4 087 649	2 340 197	753 668
Land rented or leased from others ... farms	3 385	2 475	2 731	13 094	12 832	4 694	712
acres	421 534	359 589	467 019	3 330 494	6 164 650	4 337 203	1 446 000
landlords	4 834	4 071	4 502	27 471	40 465	22 405	5 227
Rented or leased land in farms ... farms	3 364	2 464	2 715	13 051	12 807	4 689	712
acres	412 067	349 247	458 750	3 302 991	6 126 204	4 296 581	1 443 712
Land rented or leased to others ... farms	1 560	945	841	2 395	1 397	450	70
acres	245 740	149 219	136 145	438 797	285 093	130 361	25 477
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	5 358	3 714	3 755	14 651	12 590	4 267	610
Not on farm operated	2 318	1 303	1 096	3 244	1 727	561	87
Not reported	431	248	242	665	516	286	76
Operators by principal occupation:							
Farming	4 394	3 255	3 508	14 697	13 591	4 873	733
Other	3 713	2 010	1 585	3 863	1 242	241	40
Operators by days worked off farm:							
None	3 186	2 262	2 414	9 888	9 414	3 656	588
Any	4 477	2 724	2 389	7 742	4 700	1 124	118
1 to 99 days	732	564	546	2 490	2 382	712	60
100 to 199 days	659	436	448	1 582	1 028	181	20
200 days or more	3 086	1 724	1 395	3 670	1 290	231	38
Not reported	444	279	290	930	719	334	67
Operators by years on present farm:							
2 years or less	353	195	150	385	171	57	8
3 or 4 years	413	255	201	561	273	62	7
5 to 9 years	944	639	521	1 759	960	206	16
10 years or more	5 312	3 511	3 631	13 926	11 959	4 146	565
Average years on present farm	22.9	23.2	24.6	24.6	25.2	25.8	26.5
Not reported	1 085	665	590	1 929	1 470	643	177
Operators by age group:							
Under 25 years	153	75	62	204	119	20	5
25 to 34 years	642	444	409	1 536	1 046	243	39
35 to 44 years	1 564	1 046	981	4 281	4 059	1 485	224
45 to 49 years	821	560	564	2 262	2 255	921	142
50 to 54 years	879	532	493	1 989	1 812	765	104
55 to 59 years	778	508	571	2 122	1 784	652	93
60 to 64 years	826	544	599	2 244	1 734	474	75
65 to 69 years	837	527	543	1 653	967	257	45
70 years and over	1 607	1 029	871	2 269	1 057	297	46
Average age	54.6	54.5	54.4	52.4	50.5	50.1	50.2
Operators by sex:							
Male	7 540	4 993	4 859	18 026	14 567	5 044	762
Female	567	272	234	534	266	70	11
Operators of Spanish, Hispanic, or Latino origin (see text)	34	24	22	71	56	25	2
FARMS BY TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) ... farms	7 012	4 505	4 353	15 645	11 641	3 299	387
acres	1 105 814	890 416	1 034 851	5 694 430	7 954 971	4 211 561	1 038 743
Partnership ... farms	776	533	511	1 677	1 282	599	183
acres	122 300	105 093	121 380	606 844	888 412	812 704	558 560
Corporation:							
Family held ... farms	225	178	183	1 090	1 828	1 182	191
acres	35 314	35 248	43 389	414 494	1 314 366	1 567 546	536 591
More than 10 stockholders ... farms	5	–	6	19	28	17	4
10 or less stockholders ... farms	220	178	177	1 071	1 800	1 165	187
Other than family held ... farms	25	18	18	43	28	18	6
acres	3 905	3 571	4 366	14 891	19 848	23 214	48 094
More than 10 stockholders ... farms	8	2	2	4	4	1	1
10 or less stockholders ... farms	17	16	16	39	24	17	5
Other—cooperative, estate or trust, institutional, etc. ... farms	69	31	28	105	54	16	6
acres	10 897	6 126	6 684	36 936	36 256	21 753	15 392

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—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
INJURIES AND DEATHS							
Farm-related injuries:							
Operator and family members	farms	1 131	39	88	20	37	62
	number	1 314	41	102	25	41	71
Hired workers	farms	346	21	42	8	8	20
	number	604	27	107	17	11	64
Farm-related deaths:							
Operator and family members	farms	30	3	3	–	–	3
	number	30	(D)	(D)	–	–	(D)
Hired workers	farms	6	1	–	–	–	1
	number	6	(D)	–	–	–	(D)
FARMS BY SIZE							
1 to 9 acres		5 049	5 049	–	–	–	–
10 to 49 acres		11 580	–	11 580	–	–	–
50 to 69 acres		3 183	–	–	3 183	–	–
70 to 99 acres		6 718	–	–	–	6 718	–
100 to 139 acres		6 517	–	–	–	–	6 517
140 to 179 acres		8 107	–	–	–	–	–
180 to 219 acres		5 265	–	–	–	–	–
220 to 259 acres		5 093	–	–	–	–	–
260 to 499 acres		18 560	–	–	–	–	–
500 to 999 acres		14 833	–	–	–	–	–
1,000 to 1,999 acres		5 114	–	–	–	–	–
2,000 acres or more		773	–	–	–	–	–
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM							
Oilseed and grain farming (1111)		53 656	382	4 087	1 547	4 074	3 942
Vegetable and melon farming (1112)		255	85	108	12	12	8
Fruit and tree nut farming (1113)		203	55	92	10	22	9
Greenhouse, nursery, and floriculture production (1114)		641	246	260	30	23	23
Other crop farming (1119)		3 871	121	1 076	231	408	356
Tobacco farming (11191)		–	–	–	–	–	–
Cotton farming (11192)		–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)		3 871	121	1 076	231	408	356
Beef cattle ranching and farming (112111)		11 392	1 115	2 467	725	1 159	1 101
Cattle feedlots (112112)		3 914	389	524	120	183	222
Dairy cattle and milk production (11212)		2 675	52	120	66	119	218
Hog and pig farming (1122)		9 388	1 596	1 052	181	396	423
Poultry and egg production (1123)		448	145	126	15	21	20
Sheep and goat farming (1124)		1 251	355	576	75	84	55
Animal aquaculture and other animal production (1125, 1129)		3 098	508	1 092	171	217	140
LIVESTOCK							
Cattle and calves inventory	farms	38 435	1 829	3 879	1 182	2 253	2 578
	number	3 647 129	58 939	115 503	35 074	87 917	116 827
Farms with—							
1 to 9		3 947	784	1 394	207	305	245
10 to 49		15 149	738	2 178	832	1 579	1 642
50 to 99		8 960	182	187	107	293	544
100 to 199		6 468	93	74	27	59	121
200 to 499		3 085	24	31	6	12	19
500 or more		826	8	15	3	5	7
Cows and heifers that had calved	farms	30 804	1 067	2 677	971	1 825	2 203
	number	1 251 314	19 865	34 019	15 803	32 259	48 316
Beef cows	farms	27 452	991	2 510	899	1 652	1 909
	number	1 029 172	17 158	29 730	13 733	27 692	38 386
Farms with—							
1 to 9		4 760	504	1 480	336	472	377
10 to 49		16 051	400	978	540	1 138	1 445
50 to 99		4 747	70	38	20	38	74
100 to 199		1 556	15	9	1	3	13
200 to 499		310	2	4	2	1	–
500 or more		28	–	1	–	–	–
Milk cows	farms	4 208	103	219	91	206	347
	number	222 142	2 707	4 289	2 070	4 567	9 930
Farms with—							
1 to 4		332	34	84	19	31	26
5 to 9		156	10	27	8	26	32
10 to 49		1 861	35	85	52	134	238
50 to 99		1 418	20	18	10	13	45
100 to 199		353	4	3	2	1	4
200 to 499		80	–	2	–	1	2
500 or more		8	–	–	–	–	–
Heifers and heifer calves	farms	28 885	1 107	2 634	870	1 657	1 972
	number	1 026 132	15 318	42 453	9 283	22 627	31 424
Steers, steer calves, bulls, and bull calves	farms	33 184	1 422	3 123	974	1 873	2 217
	number	1 369 683	23 756	39 031	9 988	33 031	37 087

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—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
INJURIES AND DEATHS							
Farm-related injuries:							
Operator and family members ..... farms..	89	70	80	286	253	94	13
number..	109	82	87	335	301	104	16
Hired workers ..... farms..	14	9	16	41	71	74	22
number..	41	22	32	60	95	90	38
Farm-related deaths:							
Operator and family members ..... farms..	3	3	1	7	3	4	–
number..	(D)	(D)	(D)	(D)	(D)	(D)	–
Hired workers ..... farms..	–	–	–	1	2	1	–
number..	–	–	–	(D)	(D)	(D)	–
FARMS BY SIZE							
1 to 9 acres	–	–	–	–	–	–	–
10 to 49 acres	–	–	–	–	–	–	–
50 to 69 acres	–	–	–	–	–	–	–
70 to 99 acres	–	–	–	–	–	–	–
100 to 139 acres	–	–	–	–	–	–	–
140 to 179 acres	8 107	–	–	–	–	–	–
180 to 219 acres	–	5 265	–	–	–	–	–
220 to 259 acres	–	–	5 093	–	–	–	–
260 to 499 acres	–	–	–	18 560	–	–	–
500 to 999 acres	–	–	–	–	14 833	–	–
1,000 to 1,999 acres	–	–	–	–	–	5 114	–
2,000 acres or more	–	–	–	–	–	–	773
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM							
Oilseed and grain farming (1111)	5 313	3 222	3 202	12 300	10 907	4 061	619
Vegetable and melon farming (1112)	10	4	3	7	4	2	–
Fruit and tree nut farming (1113)	8	3	2	1	–	1	–
Greenhouse, nursery, and floriculture production (1114)	15	8	8	19	9	–	–
Other crop farming (1119)	297	212	189	531	331	103	16
Tobacco farming (11191)	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	297	212	189	531	331	103	16
Beef cattle ranching and farming (112111)	1 006	711	570	1 555	762	191	30
Cattle feedlots (112112)	242	196	207	798	729	256	48
Dairy cattle and milk production (11212)	347	324	292	827	276	31	3
Hog and pig farming (1122)	684	465	505	2 134	1 539	368	45
Poultry and egg production (1123)	21	10	13	40	24	11	2
Sheep and goat farming (1124)	33	21	20	22	8	2	–
Animal aquaculture and other animal production (1125, 1129)	131	89	82	326	244	88	10
LIVESTOCK							
Cattle and calves inventory ..... farms..	3 127	2 421	2 363	8 822	7 139	2 469	373
number..	164 152	150 941	171 153	834 504	1 062 809	641 566	207 744
Farms with—							
1 to 9	218	120	120	307	194	44	9
10 to 49	1 708	1 119	952	2 700	1 386	294	21
50 to 99	860	813	798	2 928	1 802	404	42
100 to 199	285	320	403	2 171	2 195	662	58
200 to 499	46	40	76	624	1 310	775	122
500 or more	10	9	14	92	252	290	121
Cows and heifers that had calved ..... farms..	2 615	2 053	1 961	7 274	5 847	2 010	301
number..	70 187	63 902	69 487	309 506	350 449	183 758	53 763
Beef cows ..... farms..	2 178	1 676	1 628	6 298	5 465	1 956	290
number..	48 989	42 782	47 896	235 785	304 233	171 816	50 972
Farms with—							
1 to 9	359	215	180	506	259	64	8
10 to 49	1 702	1 327	1 241	4 124	2 561	551	44
50 to 99	104	129	178	1 459	1 915	662	60
100 to 199	11	4	25	186	672	537	80
200 to 499	2	1	4	22	52	134	86
500 or more	–	–	–	1	6	8	12
Milk cows ..... farms..	502	436	382	1 217	583	107	15
number..	21 198	21 120	21 591	73 721	46 216	11 942	2 791
Farms with—							
1 to 4	36	14	14	41	24	7	2
5 to 9	17	10	7	13	3	3	–
10 to 49	292	233	167	442	165	17	1
50 to 99	138	164	164	578	231	33	4
100 to 199	18	12	24	128	127	28	2
200 to 499	–	2	5	13	32	19	4
500 or more	1	1	1	2	1	–	2
Heifers and heifer calves ..... farms..	2 369	1 857	1 842	6 885	5 463	1 927	302
number..	44 661	40 225	51 309	235 976	302 683	174 574	55 599
Steers, steer calves, bulls, and bull calves ..... farms..	2 618	2 088	2 022	7 788	6 452	2 264	343
number..	49 304	46 814	50 357	289 022	409 677	283 234	98 382

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—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
LIVESTOCK—Con.						
Cattle and calves sold ..... farms..	38 548	1 741	3 689	1 169	2 198	2 576
number..	2 881 122	52 215	113 822	25 935	91 545	78 304
$1,000..	1 850 796	27 684	65 873	12 212	59 249	43 179
Calves ..... farms..	13 659	640	1 484	511	945	1 166
number..	374 343	13 276	18 772	8 664	14 232	18 443
$1,000..	104 629	3 445	5 073	2 071	4 071	5 206
Cattle ..... farms..	31 926	1 365	2 923	920	1 729	2 042
number..	2 506 779	38 939	95 050	17 271	77 313	59 861
$1,000..	1 746 167	24 239	60 800	10 141	55 178	37 973
Fattened on grain and concentrates .... farms..	13 071	525	846	232	450	600
number..	1 646 477	20 838	63 733	4 936	50 726	31 349
$1,000..	1 269 513	14 628	44 236	3 819	40 542	23 286
Hogs and pigs inventory ..... farms..	17 243	1 545	1 205	245	585	671
number..	14 651 919	1 111 600	1 410 284	197 789	293 807	544 959
Farms with—						
1 to 24	1 258	249	269	48	95	93
25 to 49	730	115	100	22	52	49
50 to 99	1 172	134	92	31	72	75
100 to 199	2 040	196	114	36	96	104
200 to 499	4 653	333	203	50	148	171
500 or more	7 390	518	427	58	122	179
Used or to be used for breeding ..... farms..	10 708	713	626	146	345	434
number..	1 366 141	87 247	176 818	14 918	34 247	61 453
Other ..... farms..	16 685	1 460	1 144	230	555	640
number..	13 285 778	1 024 353	1 233 466	182 871	259 560	483 506
Hogs and pigs sold..... farms..	18 370	1 739	1 291	271	607	703
number..	27 495 818	2 397 273	3 407 391	437 025	690 607	1 120 909
$1,000..	3 029 972	238 395	292 464	45 776	60 961	124 579
Feeder pigs ..... farms..	2 344	267	236	51	112	117
number..	4 476 541	594 214	1 461 469	115 578	280 056	250 888
$1,000..	178 272	23 113	55 788	2 854	11 590	10 747
Litters of pigs farrowed between—						
Dec. 1 of preceding year and Nov. 30 .... farms..	11 231	764	655	159	356	455
number..	2 167 455	147 636	283 694	25 528	58 392	102 822
Dec. 1 and May 31..... farms..	10 722	718	603	143	334	432
number..	1 082 030	75 330	139 736	12 075	28 470	51 527
June 1 and Nov. 30 ..... farms..	10 412	683	580	130	318	416
number..	1 085 425	72 306	143 958	13 453	29 922	51 295
Sheep and lambs of all ages inventory..... farms..	4 431	477	945	184	285	281
number..	265 305	16 185	44 025	9 626	14 441	17 661
Ewes 1 year old or older ..... farms..	4 037	431	860	161	257	258
number..	138 269	8 649	21 708	4 511	8 894	7 598
Sheep and lambs sold..... farms..	4 536	512	941	185	287	282
number..	319 349	21 837	54 160	13 079	15 788	16 099
Sheep and lambs shorn ..... farms..	3 945	408	830	158	246	241
number..	241 676	18 172	43 360	5 382	14 433	10 087
pounds of wool..	1 517 411	104 313	272 795	37 428	94 178	72 594
Horses and ponies inventory ..... farms..	9 636	839	2 380	523	766	701
number..	60 421	4 788	15 703	3 931	5 276	4 831
Horses and ponies sold..... farms..	2 199	300	718	152	177	159
number..	9 605	923	2 693	781	959	550
Goats inventory ..... farms..	955	149	324	56	76	68
number..	12 275	1 902	3 084	700	1 625	917
Goats sold ..... farms..	379	64	127	25	31	22
number..	5 043	761	1 090	433	578	195
POULTRY						
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	1 892	276	468	93	165	175
number..	24 876 834	2 652 112	4 756 114	(D)	2 293 712	(D)
Farms with—						
1 to 399	1 714	236	438	88	156	167
400 to 3,199	40	8	3	1	3	2
3,200 to 9,999.....	31	6	5	–	2	1
10,000 to 19,999	22	3	2	2	1	2
20,000 to 49,999	20	7	2	–	–	–
50,000 to 99,999	19	8	4	–	–	1
100,000 or more	46	8	14	2	3	2
Layers 20 weeks old and older ..... farms..	1 831	271	450	91	161	169
number..	21 509 521	2 549 795	4 440 730	(D)	2 292 748	(D)
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	306	40	79	16	18	29
number..	3 367 313	102 317	315 384	(D)	964	(D)
Layers, pullets, and pullet chicks sold (see text)..... farms..	308	59	60	10	23	26
number..	18 534 679	1 644 971	5 501 421	(D)	1 349 550	1 078 750
Broilers and other meat-type chickens sold .. farms..	519	94	122	22	32	28
number..	6 852 810	288 955	1 239 780	(D)	223 078	75 866
Farms with—						
1 to 1,999.....	466	90	113	21	29	24
2,000 to 59,999.....	24	3	5	–	1	3
60,000 to 99,999	6	–	–	–	2	1
100,000 or more	23	1	4	1	–	–
Turkey hens kept for breeding ..... farms..	132	21	54	10	7	12
number..	25 726	(D)	(D)	29	26	(D)
Turkeys sold ..... farms..	206	36	55	6	9	14
number..	7 279 601	1 009 494	1 351 215	(D)	173 564	541 841

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—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
LIVESTOCK—Con.							
Cattle and calves sold ..... farms..	3 156	2 453	2 395	8 979	7 299	2 516	377
number..	99 432	90 782	109 343	599 520	830 634	582 180	207 410
$1,000..	52 517	49 377	62 707	368 149	548 077	411 116	150 656
Calves ..... farms..	1 289	988	908	3 073	1 969	582	104
number..	25 236	21 361	21 321	98 374	85 198	36 296	13 170
$1,000..	6 794	5 644	5 740	26 750	24 048	11 542	4 245
Cattle ..... farms..	2 494	1 995	2 004	7 523	6 335	2 270	326
number..	74 196	69 421	88 022	501 146	745 436	545 884	194 240
$1,000..	45 723	43 733	56 967	341 399	524 029	399 574	146 411
Fattened on grain and concentrates .... farms..	851	661	776	3 451	3 280	1 227	172
number..	31 076	34 209	45 404	300 037	520 073	402 546	141 550
$1,000..	23 861	25 719	34 754	233 590	400 232	315 183	109 662
Hogs and pigs inventory ..... farms..	1 090	803	904	4 465	4 128	1 417	185
number..	677 627	433 403	592 387	3 163 541	4 004 557	1 791 959	430 006
Farms with—							
1 to 24	83	63	46	188	96	26	2
25 to 49	67	41	45	145	72	20	2
50 to 99	111	69	74	288	188	36	2
100 to 199	172	134	139	574	389	78	8
200 to 499	333	247	277	1 411	1 146	313	21
500 or more	324	249	323	1 859	2 237	944	150
Used or to be used for breeding ..... farms..	713	526	601	3 011	2 624	868	101
number..	64 043	44 349	56 556	307 810	337 844	149 742	31 114
Other ..... farms..	1 047	770	871	4 337	4 057	1 389	185
number..	613 584	389 054	535 831	2 855 731	3 666 713	1 642 217	398 892
Hogs and pigs sold..... farms..	1 172	864	971	4 739	4 321	1 497	195
number..	1 258 199	817 609	1 152 795	5 456 782	6 657 704	3 322 842	776 682
$1,000..	147 189	89 582	132 244	635 524	785 754	380 957	96 547
Feeder pigs ..... farms..	174	122	120	535	439	157	14
number..	152 297	133 541	139 151	545 750	540 323	236 218	27 056
$1,000..	6 540	5 126	6 098	22 273	22 606	10 476	1 061
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 .... farms..	754	571	640	3 157	2 715	902	103
number..	90 685	69 088	94 357	470 335	532 940	237 470	54 508
Dec. 1 and May 31..... farms..	713	530	611	3 027	2 636	873	102
number..	45 494	34 930	46 916	235 803	267 779	116 451	27 519
June 1 and Nov. 30 ..... farms..	684	525	584	2 961	2 573	859	99
number..	45 191	34 158	47 441	234 532	265 161	121 019	26 989
Sheep and lambs of all ages inventory..... farms..	335	197	237	761	561	153	15
number..	19 577	11 295	14 279	48 372	46 012	22 592	1 240
Ewes 1 year old or older ..... farms..	304	184	215	700	515	140	12
number..	9 319	5 967	8 413	28 364	23 243	10 788	815
Sheep and lambs sold..... farms..	339	203	242	795	576	158	16
number..	21 108	14 842	15 730	53 221	64 689	28 254	542
Sheep and lambs shorn ..... farms..	295	183	213	696	521	142	12
number..	12 933	8 946	11 749	40 787	49 538	25 572	717
pounds of wool..	89 985	59 461	94 188	258 733	283 527	145 798	4 411
Horses and ponies inventory ..... farms..	647	407	386	1 329	1 128	465	65
number..	4 186	2 529	2 307	7 879	5 944	2 725	322
Horses and ponies sold..... farms..	129	74	42	219	159	65	5
number..	549	797	187	1 108	768	272	18
Goats inventory ..... farms..	57	33	31	91	57	12	1
number..	813	290	815	1 551	523	(D)	(D)
Goats sold ..... farms..	27	16	8	34	20	5	–
number..	256	210	94	1 220	177	29	–
POULTRY							
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	167	74	95	230	110	31	8
number..	1 900 183	(D)	1 490 338	2 102 837	(D)	(D)	(D)
Farms with—							
1 to 399	155	66	84	197	94	27	6
400 to 3,199	2	5	5	8	3	–	–
3,200 to 9,999.....	1	1	2	6	4	2	1
10,000 to 19,999	–	–	1	8	2	1	–
20,000 to 49,999	4	–	–	5	2	–	–
50,000 to 99,999	1	1	–	1	2	–	1
100,000 or more	4	1	3	5	3	1	–
Layers 20 weeks old and older ..... farms..	158	72	91	226	106	29	7
number..	1 428 289	(D)	1 489 086	1 463 401	486 878	(D)	(D)
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	38	11	20	33	16	5	1
number..	471 894	215	1 252	639 436	(D)	(D)	(D)
Layers, pullets, and pullet chicks sold (see text)..... farms..	27	11	15	44	23	8	2
number..	933 064	(D)	(D)	2 097 798	1 544 386	(D)	(D)
Broilers and other meat-type chickens sold .. farms..	41	20	12	86	48	13	1
number..	1 101 033	10 327	(D)	1 362 563	1 046 880	(D)	(D)
Farms with—							
1 to 1,999.....	35	19	10	72	42	11	–
2,000 to 59,999.....	2	1	1	7	1	–	–
60,000 to 99,999	–	–	–	2	1	–	–
100,000 or more	4	–	1	5	4	2	1
Turkey hens kept for breeding ..... farms..	3	1	4	13	4	3	–
number..	5	(D)	21	4 978	8	4	–
Turkeys sold ..... farms..	15	7	5	27	24	8	–
number..	812 718	250 838	(D)	842 720	1 200 443	869 261	–

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—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
SELECTED CROPS HARVESTED						
Corn for grain or seed ..... farms..	61 860	269	2 534	1 080	3 267	3 875
acres..	11 595 308	1 163	37 962	28 440	115 191	178 663
bushels..	1 537 482 128	142 517	4 567 963	3 517 564	14 537 498	22 618 859
Irrigated ..... farms..	440	1	6	2	5	18
acres..	77 831	(D)	38	(D)	203	599
Farms by acres harvested:						
1 to 24 acres	6 289	269	2 101	509	843	751
25 to 99 acres	19 305	–	433	571	2 423	2 961
100 to 249 acres	20 600	–	–	–	1	163
250 to 499 acres	11 229	–	–	–	–	–
500 acres or more	4 437	–	–	–	–	–
Corn for silage or green chop ..... farms..	8 405	9	99	64	221	355
acres..	241 549	21	983	687	2 890	5 523
tons, green..	3 993 158	354	15 350	10 306	47 994	90 981
Irrigated ..... farms..	10	–	–	–	–	–
acres..	342	–	–	–	–	–
Farms by acres harvested:						
1 to 24 acres	5 276	9	94	59	192	290
25 to 99 acres	2 739	–	5	5	29	65
100 to 249 acres	341	–	–	–	–	–
250 to 499 acres	42	–	–	–	–	–
500 acres or more	7	–	–	–	–	–
Wheat for grain ..... farms..	719	1	22	8	34	26
acres..	22 123	(D)	207	(D)	637	451
bushels..	905 333	(D)	8 081	(D)	20 728	15 813
Irrigated ..... farms..	–	–	–	–	–	–
acres..	–	–	–	–	–	–
Farms by acres harvested:						
1 to 24 acres	447	1	22	7	23	22
25 to 99 acres	235	–	–	1	11	4
100 to 249 acres	28	–	–	–	–	–
250 to 499 acres	9	–	–	–	–	–
500 acres or more	–	–	–	–	–	–
Oats for grain ..... farms..	10 823	26	321	154	431	664
acres..	211 985	97	2 571	1 604	4 819	8 622
bushels..	14 293 977	4 987	152 491	91 899	298 334	553 402
Irrigated ..... farms..	2	–	–	–	–	–
acres..	(D)	–	–	–	–	–
Farms by acres harvested:						
1 to 24 acres	8 221	26	311	146	415	619
25 to 99 acres	2 496	–	10	8	16	43
100 to 249 acres	101	–	–	–	–	2
250 to 499 acres	5	–	–	–	–	–
500 acres or more	–	–	–	–	–	–
Soybeans for beans ..... farms..	56 436	236	2 081	869	2 908	3 309
acres..	9 944 865	1 138	34 225	23 315	99 933	146 378
bushels..	445 574 589	49 782	1 437 753	989 862	4 387 290	6 375 511
Irrigated ..... farms..	294	–	9	2	3	11
acres..	38 664	–	141	(D)	(D)	247
Farms by acres harvested:						
1 to 24 acres	5 643	236	1 645	407	815	679
25 to 99 acres	19 323	–	436	462	2 093	2 521
100 to 249 acres	18 358	–	–	–	–	109
250 to 499 acres	9 661	–	–	–	–	–
500 acres or more	3 451	–	–	–	–	–
Potatoes, excluding sweetpotatoes ..... farms..	109	23	17	7	6	12
acres..	1 468	12	8	(D)	6	7
cwt..	296 675	3 078	1 099	660	875	1 660
Irrigated ..... farms..	19	3	7	–	–	2
acres..	750	(Z)	6	–	–	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ... farms..	37 711	499	3 665	1 088	2 303	2 617
acres..	1 575 777	1 920	38 802	18 930	45 845	65 042
tons, dry..	4 365 999	4 706	85 623	42 741	108 693	158 998
Irrigated ..... farms..	85	7	9	6	3	10
acres..	1 372	29	57	126	(D)	130
Farms by acres harvested:						
1 to 24 acres	18 434	499	3 396	848	1 623	1 547
25 to 99 acres	15 422	–	269	240	676	1 037
100 to 249 acres	3 472	–	–	–	4	33
250 to 499 acres	334	–	–	–	–	–
500 acres or more	49	–	–	–	–	–
Alfalfa hay ..... farms..	31 165	366	2 659	838	1 811	2 095
acres..	1 082 904	1 441	26 000	12 676	30 970	43 954
tons, dry..	3 406 219	3 818	65 280	33 110	83 479	123 536
Irrigated ..... farms..	65	4	7	5	2	7
acres..	913	19	50	74	(D)	118

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—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
SELECTED CROPS HARVESTED							
Corn for grain or seed ..... farms..	5 941	4 000	4 190	16 648	14 272	5 023	761
acres..	384 539	308 474	392 974	2 469 458	4 080 699	2 730 301	867 444
bushels..	49 225 180	39 736 276	50 638 827	323 817 401	542 371 730	369 330 454	116 977 859
Irrigated ..... farms..	16	22	11	81	133	107	38
acres..	1 212	1 402	964	7 760	23 282	25 228	17 072
Farms by acres harvested:							
1 to 24 acres	572	354	270	477	129	12	2
25 to 99 acres	4 775	2 596	1 682	3 005	765	89	5
100 to 249 acres	594	1 050	2 237	12 208	3 984	339	24
250 to 499 acres	–	–	1	958	8 838	1 388	44
500 acres or more	–	–	–	–	556	3 195	686
Corn for silage or green chop ..... farms..	638	556	599	2 554	2 276	888	146
acres..	11 914	9 745	13 404	65 446	75 729	43 371	11 836
tons, green..	212 096	165 556	222 419	1 069 176	1 242 870	719 591	196 465
Irrigated ..... farms..	3	–	–	4	1	2	–
acres..	44	–	–	158	(D)	(D)	–
Farms by acres harvested:							
1 to 24 acres	504	440	414	1 661	1 222	362	29
25 to 99 acres	129	114	167	822	927	403	73
100 to 249 acres	5	2	18	62	108	111	35
250 to 499 acres	–	–	–	9	18	7	8
500 acres or more	–	–	–	–	1	5	1
Wheat for grain ..... farms..	58	38	23	150	224	109	26
acres..	1 028	722	530	4 182	7 345	3 925	3 000
bushels..	38 771	31 888	24 805	160 479	320 990	163 930	117 018
Irrigated ..... farms..	–	–	–	–	–	–	–
acres..	–	–	–	–	–	–	–
Farms by acres harvested:							
1 to 24 acres	45	31	16	100	128	48	4
25 to 99 acres	13	7	6	42	87	53	11
100 to 249 acres	–	–	1	6	6	7	8
250 to 499 acres	–	–	–	2	3	1	3
500 acres or more	–	–	–	–	–	–	–
Oats for grain ..... farms..	937	787	836	3 232	2 478	824	133
acres..	13 193	12 387	14 556	61 744	59 593	25 828	6 971
bushels..	833 898	808 311	947 574	4 197 152	4 114 566	1 791 445	499 918
Irrigated ..... farms..	–	–	–	2	–	–	–
acres..	–	–	–	(D)	–	–	–
Farms by acres harvested:							
1 to 24 acres	828	683	686	2 428	1 624	413	42
25 to 99 acres	109	101	146	792	810	388	73
100 to 249 acres	–	3	3	12	42	22	17
250 to 499 acres	–	–	1	–	2	1	1
500 acres or more	–	–	–	–	–	–	–
Soybeans for beans ..... farms..	5 110	3 399	3 682	15 350	13 803	4 943	746
acres..	301 536	236 535	308 013	2 019 224	3 546 398	2 455 157	773 013
bushels..	13 329 180	10 448 359	13 741 538	90 014 329	158 587 310	111 012 471	35 201 204
Irrigated ..... farms..	20	15	8	60	78	69	19
acres..	1 125	900	732	5 384	10 210	14 497	5 225
Farms by acres harvested:							
1 to 24 acres	553	348	261	531	157	10	1
25 to 99 acres	4 338	2 448	1 855	3 949	1 094	111	16
100 to 249 acres	219	603	1 564	10 539	4 845	455	24
250 to 499 acres	–	–	2	331	7 558	1 709	61
500 acres or more	–	–	–	–	149	2 658	644
Potatoes, excluding sweetpotatoes ..... farms..	9	5	10	8	7	5	–
acres..	9	9	38	122	708	(D)	–
cwt..	1 255	(D)	6 442	20 530	118 318	(D)	–
Irrigated ..... farms..	–	–	–	2	3	2	–
acres..	–	–	–	(D)	207	(D)	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ... farms..	3 298	2 468	2 422	9 114	7 346	2 501	390
acres..	95 443	90 749	91 876	410 497	431 296	212 670	72 707
tons, dry..	246 322	235 576	248 017	1 136 769	1 253 377	629 968	215 209
Irrigated ..... farms..	5	8	2	9	16	7	3
acres..	77	139	(D)	107	277	109	250
Farms by acres harvested:							
1 to 24 acres	1 779	1 110	1 063	3 559	2 405	547	58
25 to 99 acres	1 436	1 231	1 191	4 528	3 539	1 147	128
100 to 249 acres	83	126	168	991	1 280	675	112
250 to 499 acres	–	1	–	36	117	118	62
500 acres or more	–	–	–	–	5	14	30
Alfalfa hay ..... farms..	2 711	2 005	1 968	7 803	6 360	2 203	346
acres..	64 507	60 254	61 116	285 366	302 525	146 870	47 225
tons, dry..	189 063	181 628	189 506	889 204	992 081	493 162	162 352
Irrigated ..... farms..	4	5	2	8	13	7	1
acres..	57	123	(D)	89	207	109	(D)

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—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
SELECTED CROPS HARVESTED—Con.							
Vegetables harvested for sale (see text)	farms	786	132	190	36	46	42
	acres	12 533	259	1 170	354	441	298
Irrigated	farms	117	21	36	8	8	11
	acres	1 476	41	248	112	58	34
Farms by acres harvested:							
0.1 to 4.9 acres		477	123	114	20	30	29
5.0 to 24.9 acres		180	9	66	13	9	10
25.0 to 99.9 acres		99	–	10	3	7	2
100.0 to 249.9 acres		26	–	–	–	–	1
250.0 acres or more		4	–	–	–	–	–
Land in orchards	farms	448	73	159	25	47	34
	acres	2 616	158	774	231	361	336
Irrigated	farms	19	1	12	–	1	3
	acres	118	(D)	50	–	(D)	(D)
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres		324	68	113	13	26	21
5.0 to 24.9 acres		100	5	40	9	15	9
25.0 to 99.9 acres		22	–	6	3	6	3
100.0 to 249.9 acres		2	–	–	–	–	1
250.0 acres or more		–	–	–	–	–	–

See footnotes at end of table.

Table 49. **Summary by Size of Farm: 1997**—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
SELECTED CROPS HARVESTED—Con.								
Vegetables harvested for sale (see text)	farms	48	29	24	86	99	46	8
	acres	584	591	457	2 011	3 888	2 300	180
Irrigated	farms	6	2	1	12	8	3	1
	acres	195	(D)	(D)	417	167	85	(D)
Farms by acres harvested:								
0.1 to 4.9 acres		31	15	9	44	44	16	2
5.0 to 24.9 acres		12	7	7	15	16	12	4
25.0 to 99.9 acres		4	5	8	22	29	7	2
100.0 to 249.9 acres		1	2	–	5	9	8	–
250.0 acres or more		–	–	–	–	1	3	–
Land in orchards	farms	27	14	7	30	19	11	2
	acres	55	75	(D)	211	78	79	(D)
Irrigated	farms	–	–	1	–	–	1	–
	acres	–	–	(D)	–	–	(D)	–
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres		26	10	4	21	16	6	–
5.0 to 24.9 acres		1	4	3	7	2	4	1
25.0 to 99.9 acres		–	–	–	2	1	1	–
100.0 to 249.9 acres		–	–	–	–	–	–	1
250.0 acres or more		–	–	–	–	–	–	–

[1]Data are based on a sample of farms.
[2]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 50. **Summary by Market Value of Agricultural Products Sold: 1997**

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

Item	All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
FARMS AND LAND IN FARMS							
Farms ..... number	90 792	1 075	2 858	8 404	19 119	13 735	4 082
percent	100.0	1.2	3.1	9.3	21.1	15.1	4.5
Land in farms ..... acres	31 166 699	1 415 139	3 160 436	7 081 195	9 754 878	4 169 135	893 154
Average size of farm ..... acres	343	1 316	1 106	843	510	304	219
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... farms	90 792	1 075	2 858	8 404	19 119	13 735	4 082
$1,000	11 947 894	2 416 915	1 908 157	2 875 675	3 089 575	994 678	182 826
Average per farm ..... dollars	131 596	2 248 293	667 655	342 179	161 597	72 419	44 788
Farms by value of sales:							
Less than $1,000 (see text)	9 230	–	–	–	–	–	–
$1,000 to $2,499	3 961	–	–	–	–	–	–
$2,500 to $4,999	4 577	–	–	–	–	–	–
$5,000 to $9,999	5 878	–	–	–	–	–	–
$10,000 to $19,999	7 383	–	–	–	–	–	–
$20,000 to $24,999	3 124	–	–	–	–	–	–
$25,000 to $39,999	7 366	–	–	–	–	–	–
$40,000 to $49,999	4 082	–	–	–	–	–	4 082
$50,000 to $99,999	13 735	–	–	–	–	13 735	–
$100,000 to $249,999	19 119	–	–	–	19 119	–	–
$250,000 to $499,999	8 404	–	–	8 404	–	–	–
$500,000 to $999,999	2 858	–	2 858	–	–	–	–
$1,000,000 to $2,499,999	888	888	–	–	–	–	–
$2,500,000 to $4,999,999	120	120	–	–	–	–	–
$5,000,000 or more	67	67	–	–	–	–	–
Grains ..... farms	64 058	822	2 522	7 874	17 789	12 522	3 636
$1,000	6 011 171	328 403	792 538	1 714 657	2 064 604	704 140	132 212
Sales of $50,000 or more ..... farms	33 199	712	2 243	7 059	14 776	8 409	–
$1,000	5 378 196	325 592	784 853	1 693 171	1 987 743	586 837	–
Corn for grain ..... farms	56 466	639	2 148	7 190	16 706	11 787	3 399
$1,000	3 225 141	172 490	418 038	919 325	1 115 007	381 268	72 554
Wheat ..... farms	699	8	53	133	202	104	28
$1,000	2 936	117	382	563	1 027	322	131
Soybeans ..... farms	56 373	777	2 449	7 616	16 837	11 604	3 278
$1,000	2 765 812	154 529	372 356	791 285	942 846	319 951	58 922
Sorghum for grain ..... farms	32	–	3	4	11	4	1
$1,000	121	–	(D)	9	44	15	(D)
Barley ..... farms	76	–	5	8	22	12	6
$1,000	178	–	(D)	19	81	39	(D)
Oats ..... farms	5 638	54	238	817	1 856	1 117	281
$1,000	11 024	195	799	2 147	3 858	2 056	438
Other grains ..... farms	287	15	34	55	82	31	9
$1,000	5 960	1 073	936	1 308	1 741	490	(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	14 636	150	500	1 492	3 265	2 362	643
$1,000	88 970	4 690	6 574	14 627	23 634	14 493	3 553
Sales of $50,000 or more ..... farms	141	21	24	36	49	11	–
$1,000	12 260	2 815	2 047	3 069	3 681	648	–
Vegetables, sweet corn, and melons ..... farms	776	4	26	56	155	77	23
$1,000	8 568	(D)	(D)	1 763	2 757	1 048	186
Sales of $50,000 or more ..... farms	40	–	3	9	18	10	–
$1,000	4 133	–	597	1 355	1 623	558	–
Fruits, nuts, and berries ..... farms	323	2	6	11	29	29	9
$1,000	3 627	(D)	(D)	245	1 123	645	77
Sales of $50,000 or more ..... farms	19	1	1	1	8	8	–
$1,000	2 133	(D)	(D)	(D)	985	504	–
Nursery and greenhouse crops ..... farms	819	15	24	45	83	83	31
$1,000	73 208	34 265	11 431	9 301	8 437	4 460	948
Sales of $50,000 or more ..... farms	180	14	18	33	56	59	–
$1,000	66 888	(D)	11 400	9 109	8 040	(D)	–
Other crops ..... farms	115	–	6	9	20	13	8
$1,000	1 725	–	882	357	292	101	13
Sales of $50,000 or more ..... farms	9	–	3	3	3	–	–
$1,000	1 418	–	857	327	234	–	–
Poultry and poultry products ..... farms	1 598	110	72	106	240	164	51
$1,000	414 429	360 213	30 067	13 798	8 057	1 092	277
Sales of $50,000 or more ..... farms	282	105	57	51	58	11	–
$1,000	412 269	360 194	30 004	13 615	7 587	868	–
Dairy products ..... farms	3 958	39	127	608	1 751	828	155
$1,000	408 694	26 403	39 798	115 133	176 326	39 464	4 541
Sales of $50,000 or more ..... farms	2 635	36	121	578	1 510	390	–
$1,000	374 552	26 284	39 570	114 233	168 610	25 854	–
Cattle and calves ..... farms	38 548	521	1 363	3 863	8 911	6 155	1 731
$1,000	1 850 796	644 066	310 108	312 387	305 769	125 271	26 145
Sales of $50,000 or more ..... farms	5 736	439	941	1 754	2 013	589	–
$1,000	1 435 407	642 419	301 318	270 538	183 656	37 477	–

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—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	$1,000 to $2,499	Less than $1,000
FARMS AND LAND IN FARMS							
Farms ..... number	7 366	3 124	7 383	5 878	4 577	3 961	9 230
percent	8.1	3.4	8.1	6.5	5.0	4.4	10.2
Land in farms ..... acres	1 348 479	470 237	906 446	528 581	283 894	173 155	981 970
Average size of farm ..... acres	183	151	123	90	62	44	106
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... farms	7 366	3 124	7 383	5 878	4 577	3 961	9 230
$1,000	236 214	69 801	107 420	42 406	16 650	6 671	906
Average per farm ..... dollars	32 068	22 343	14 550	7 214	3 638	1 684	98
Farms by value of sales:							
Less than $1,000 (see text)	–	–	–	–	–	–	9 230
$1,000 to $2,499	–	–	–	–	–	3 961	–
$2,500 to $4,999	–	–	–	–	4 577	–	–
$5,000 to $9,999	–	–	–	5 878	–	–	–
$10,000 to $19,999	–	–	7 383	–	–	–	–
$20,000 to $24,999	–	3 124	–	–	–	–	–
$25,000 to $39,999	7 366	–	–	–	–	–	–
$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 to $2,499,999	–	–	–	–	–	–	–
$2,500,000 to $4,999,999	–	–	–	–	–	–	–
$5,000,000 or more	–	–	–	–	–	–	–
Grains ..... farms	6 268	2 451	4 831	2 561	1 532	1 033	217
$1,000	158 397	42 541	53 518	14 006	4 400	1 623	133
Sales of $50,000 or more ..... farms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Corn for grain ..... farms	5 637	2 097	3 673	1 700	859	517	114
$1,000	86 075	22 610	27 659	7 090	2 159	796	71
Wheat ..... farms	44	24	55	17	13	11	7
$1,000	129	55	141	28	23	14	4
Soybeans ..... farms	5 354	1 986	3 565	1 536	792	507	72
$1,000	71 376	19 600	25 284	6 720	2 118	778	48
Sorghum for grain ..... farms	4	1	3	1	–	–	–
$1,000	7	(D)	3	(D)	–	–	–
Barley ..... farms	7	1	9	3	1	2	–
$1,000	8	(D)	11	(D)	(D)	(D)	–
Oats ..... farms	468	158	339	158	83	42	27
$1,000	649	222	377	149	93	31	10
Other grains ..... farms	21	4	19	10	5	2	–
$1,000	153	(D)	42	10	(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	1 230	552	1 200	1 080	860	766	536
$1,000	6 454	2 872	5 339	3 588	1 946	969	231
Sales of $50,000 or more ..... farms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Vegetables, sweet corn, and melons ..... farms	62	31	70	87	70	52	63
$1,000	614	241	501	292	160	54	23
Sales of $50,000 or more ..... farms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Fruits, nuts, and berries ..... farms	29	18	41	37	40	40	32
$1,000	259	113	287	158	68	(D)	(D)
Sales of $50,000 or more ..... farms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Nursery and greenhouse crops ..... farms	62	28	125	94	88	111	30
$1,000	1 509	541	1 390	511	251	149	15
Sales of $50,000 or more ..... farms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Other crops ..... farms	11	3	12	10	13	8	2
$1,000	9	6	15	25	17	(D)	(D)
Sales of $50,000 or more ..... farms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Poultry and poultry products ..... farms	129	44	130	126	160	157	109
$1,000	325	48	144	174	120	94	20
Sales of $50,000 or more ..... farms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Dairy products ..... farms	256	69	93	16	5	6	5
$1,000	4 990	1 016	938	54	20	8	1
Sales of $50,000 or more ..... farms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Cattle and calves ..... farms	3 289	1 422	3 875	3 295	2 246	1 466	411
$1,000	45 689	17 084	35 780	18 810	7 087	2 352	249
Sales of $50,000 or more ..... farms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—Con.

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

Item		All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Hogs and pigs	farms	18 370	656	1 793	3 951	6 096	2 668	576
	$1,000	3 029 972	1 012 361	708 278	684 127	488 484	96 681	13 496
Sales of $50,000 or more	farms	10 657	645	1 718	3 444	4 038	812	–
	$1,000	2 879 196	1 012 028	706 216	670 871	435 738	54 342	–
Sheep, lambs, and wool	farms	4 598	25	92	292	807	640	179
	$1,000	30 214	2 567	4 006	6 360	6 797	3 363	581
Sales of $50,000 or more	farms	82	4	10	30	28	10	–
	$1,000	14 572	2 484	3 410	5 031	2 933	714	–
Other livestock and livestock products (see text)	farms	3 023	15	31	107	310	260	77
	$1,000	26 520	3 766	3 133	2 920	3 295	3 920	797
Sales of $50,000 or more	farms	76	3	6	11	14	42	–
	$1,000	14 178	3 731	3 096	2 502	1 878	2 970	–
Value of agricultural products sold directly to individuals for human consumption (see text)	farms	2 174	20	63	155	392	269	81
	$1,000	7 475	46	117	1 044	1 879	1 389	349
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses	farms	90 786	1 075	2 858	5 755	21 730	13 906	3 941
	$1,000	8 405 838	1 883 509	1 405 871	1 294 846	2 421 124	760 435	139 806
Average per farm	dollars	92 590	1 752 102	491 907	224 995	111 418	54 684	35 475
Livestock and poultry purchased	farms	30 572	940	2 241	3 093	9 269	4 562	1 143
	$1,000	1 260 448	535 853	302 853	147 580	182 123	50 282	7 686
Farms with expenses of—								
$1 to $4,999		13 379	9	95	539	2 892	1 977	657
$5,000 to $24,999		9 489	30	309	943	3 688	2 019	450
$25,000 to $99,999		5 333	121	762	1 161	2 623	566	36
$100,000 to $249,999		1 322	204	644	409	65	–	–
$250,000 or more		1 049	576	431	41	1	–	–
Feed for livestock and poultry	farms	46 733	980	2 359	3 829	13 222	6 961	1 873
	$1,000	1 585 107	691 159	311 000	181 073	280 071	66 741	11 210
Farms with expenses of—								
$1 to $4,999		23 264	6	59	547	3 414	3 146	1 095
$5,000 to $24,999		12 922	14	226	1 045	5 211	3 197	750
$25,000 to $99,999		7 779	86	782	1 721	4 511	618	28
$100,000 to $249,999		1 809	231	997	497	84	–	–
$250,000 or more		959	643	295	19	2	–	–
Commercially mixed formula feeds	farms	27 617	741	1 680	2 630	8 110	4 045	1 018
	$1,000	854 175	446 882	148 355	86 810	121 115	28 077	5 392
Farms with expenses of—								
$1 to $4,999		14 923	13	112	563	2 758	2 331	672
$5,000 to $24,999		7 904	75	377	988	3 669	1 551	330
$25,000 to $99,999		3 560	173	649	891	1 663	163	16
$100,000 or more		1 230	480	542	188	20	–	–
Seeds, bulbs, plants, and trees	farms	68 732	876	2 621	5 565	21 087	13 173	3 620
	$1,000	488 961	31 562	62 798	94 554	194 671	64 252	12 143
Farms with expenses of—								
$1 to $999		12 228	15	34	46	288	615	249
$1,000 to $4,999		24 804	67	206	410	4 054	6 995	2 648
$5,000 to $24,999		28 798	348	1 291	4 089	16 409	5 553	723
$25,000 to $49,999		2 462	261	899	974	318	10	–
$50,000 or more		440	185	191	46	18	–	–
Commercial fertilizer	farms	65 626	832	2 580	5 433	20 517	12 627	3 441
	$1,000	636 785	33 945	80 206	124 038	260 747	85 333	15 379
Farms with expenses of—								
$1 to $4,999		29 645	95	205	399	2 874	4 881	2 292
$5,000 to $24,999		30 385	300	1 022	3 000	15 943	7 681	1 149
$25,000 to $49,999		4 432	202	866	1 699	1 593	65	–
$50,000 or more		1 164	235	487	335	107	–	–
Agricultural chemicals	farms	64 489	709	1 951	5 243	19 483	11 992	3 208
	$1,000	521 566	30 866	59 629	105 689	211 165	70 013	12 330
Farms with expenses of—								
$1 to $4,999		33 739	75	179	621	4 008	5 565	2 327
$5,000 to $24,999		26 795	226	731	2 994	14 635	6 397	881
$25,000 to $49,999		3 191	200	681	1 457	815	30	–
$50,000 or more		764	208	360	171	25	–	–
Petroleum products	farms	84 456	1 061	2 845	5 721	21 587	13 670	3 881
	$1,000	350 799	34 570	45 250	57 270	128 169	43 108	9 508
Farms with expenses of—								
$1 to $4,999		61 749	50	209	936	10 409	11 211	3 512
$5,000 to $24,999		21 538	537	2 237	4 632	11 035	2 459	369
$25,000 to $49,999		966	316	366	141	143	–	–
$50,000 or more		203	158	33	12	–	–	–
Gasoline and gasohol	farms	70 591	924	2 547	4 877	18 316	11 245	3 205
	$1,000	83 552	5 650	8 916	10 489	28 338	12 406	3 047
Diesel fuel	farms	65 871	998	2 720	5 523	20 636	12 415	3 410
	$1,000	151 144	12 983	20 075	27 292	58 705	18 112	3 911
Natural gas	farms	4 094	111	319	398	1 458	777	203
	$1,000	9 805	2 157	1 621	1 218	3 181	977	169
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms	71 329	1 056	2 837	5 695	21 349	13 077	3 565
	$1,000	106 298	13 781	14 639	18 271	37 944	11 613	2 381

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—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	$1,000 to $2,499	Less than $1,000
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.							
Total sales (see text)—Con.							
Hogs and pigs ..... farms..	828	288	660	392	240	168	54
$1,000..	14 386	3 805	5 822	1 737	559	209	27
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Sheep, lambs, and wool ..... farms..	370	157	396	451	500	471	218
$1,000..	1 374	655	1 362	1 349	1 109	587	102
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Other livestock and livestock products (see text) ..... farms..	232	110	342	437	421	450	231
$1,000..	2 209	879	2 324	1 702	913	571	94
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Value of agricultural products sold directly to individuals for human consumption (see text)..... farms..	185	84	201	212	196	194	122
$1,000..	730	302	623	494	291	171	39
FARM PRODUCTION EXPENSES[1]							
Total farm production expenses ..... farms..	7 431	3 074	7 483	5 788	4 477	3 926	9 342
$1,000..	196 081	59 010	107 918	50 386	28 732	17 856	40 265
Average per farm ..... dollars..	26 387	19 197	14 422	8 705	6 418	4 548	4 310
Livestock and poultry purchased ..... farms..	2 016	846	2 315	1 404	1 284	949	510
$1,000..	11 566	4 568	8 777	3 946	3 168	1 477	568
Farms with expenses of—							
$1 to $4,999	1 264	474	1 683	1 219	1 197	892	481
$5,000 to $24,999	712	372	632	177	71	57	29
$25,000 to $99,999	40	–	–	8	16	–	–
$100,000 to $249,999	–	–	–	–	–	–	–
$250,000 or more	–	–	–	–	–	–	–
Feed for livestock and poultry ..... farms..	3 606	1 411	4 084	3 104	2 151	1 921	1 232
$1,000..	16 982	5 509	10 503	5 013	2 751	1 848	1 246
Farms with expenses of—							
$1 to $4,999	2 396	968	3 440	2 969	2 093	1 910	1 221
$5,000 to $24,999	1 177	443	644	135	58	11	11
$25,000 to $99,999	33	–	–	–	–	–	–
$100,000 to $249,999	–	–	–	–	–	–	–
$250,000 or more	–	–	–	–	–	–	–
Commercially mixed formula feeds ..... farms..	2 059	728	2 083	1 651	1 212	973	687
$1,000..	7 460	2 263	3 952	1 782	1 095	571	421
Farms with expenses of—							
$1 to $4,999	1 565	568	1 851	1 631	1 199	973	687
$5,000 to $24,999	489	160	232	20	13	–	–
$25,000 to $99,999	5	–	–	–	–	–	–
$100,000 or more	–	–	–	–	–	–	–
Seeds, bulbs, plants, and trees ..... farms..	6 615	2 567	5 384	3 071	1 839	1 186	1 128
$1,000..	15 596	4 114	6 093	1 818	719	277	365
Farms with expenses of—							
$1 to $999	889	764	2 729	2 627	1 723	1 155	1 094
$1,000 to $4,999	5 369	1 784	2 647	444	115	31	34
$5,000 to $24,999	357	19	8	–	1	–	–
$25,000 to $49,999	–	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–	–
Commercial fertilizer ..... farms..	6 239	2 357	4 882	2 937	1 746	1 075	960
$1,000..	19 356	5 053	7 702	2 801	1 168	387	670
Farms with expenses of—							
$1 to $4,999	5 201	2 230	4 792	2 931	1 739	1 075	931
$5,000 to $24,999	1 031	127	90	6	7	–	29
$25,000 to $49,999	7	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–	–
Agricultural chemicals ..... farms..	5 957	2 254	5 259	3 181	1 936	1 343	1 973
$1,000..	16 077	4 372	6 967	2 216	953	384	904
Farms with expenses of—							
$1 to $4,999	5 205	2 160	5 180	3 181	1 930	1 343	1 965
$5,000 to $24,999	744	94	79	–	6	–	8
$25,000 to $49,999	8	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–	–
Petroleum products ..... farms..	7 272	3 017	7 170	5 480	4 001	3 483	5 268
$1,000..	12 381	3 954	7 283	3 589	1 956	1 339	2 423
Farms with expenses of—							
$1 to $4,999	7 043	2 994	7 154	5 479	4 001	3 483	5 268
$5,000 to $24,999	229	23	16	1	–	–	–
$25,000 to $49,999	–	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–	–
Gasoline and gasohol ..... farms..	5 716	2 450	5 660	4 633	3 463	3 059	4 496
$1,000..	4 463	1 580	3 468	1 987	1 128	804	1 277
Diesel fuel ..... farms..	5 965	2 269	4 876	2 698	1 538	945	1 878
$1,000..	4 630	1 320	2 122	875	400	206	513
Natural gas ..... farms..	300	69	117	140	78	30	94
$1,000..	221	39	74	46	42	2	58
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	6 237	2 391	5 573	3 272	2 146	1 509	2 622
$1,000..	3 066	1 015	1 618	681	387	327	574

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
FARM PRODUCTION EXPENSES[1]—Con.							
Total farm production expenses—Con.							
Electricity ..... farms..	73 232	1 052	2 804	5 574	20 622	12 638	3 224
$1,000..	127 679	18 366	16 236	18 044	41 017	15 455	3 586
Farms with expenses of—							
$1 to $999	36 803	13	85	554	5 548	5 999	1 799
$1,000 to $4,999	32 280	264	1 504	3 973	14 087	6 571	1 389
$5,000 to $24,999	3 929	609	1 189	1 041	965	68	36
$25,000 to $49,999	151	106	18	5	22	–	–
$50,000 or more	69	60	8	1	–	–	–
Hired farm labor ..... farms..	33 016	960	2 425	3 958	11 461	4 946	1 126
$1,000..	316 779	111 964	74 383	49 757	58 676	11 687	2 378
Farms with expenses of—							
$1 to $4,999	23 586	96	536	1 863	8 046	4 212	978
$5,000 to $24,999	6 689	213	894	1 490	2 954	716	148
$25,000 to $99,999	2 315	390	858	581	458	18	–
$100,000 to $249,999	328	175	127	24	1	–	–
$250,000 or more	98	86	10	–	2	–	–
Workers by days worked:							
150 days or more ..... farms..	10 990	772	1 678	1 942	3 381	1 361	207
workers..	20 517	4 925	3 961	3 180	4 798	1 646	238
Less than 150 days ..... farms..	29 661	726	2 023	3 259	10 098	4 497	1 043
workers..	73 630	7 562	7 231	8 713	21 936	9 906	2 231
Contract labor ..... farms..	6 152	248	496	716	1 733	793	114
$1,000..	24 905	8 003	3 816	3 397	5 424	1 748	221
Farms with expenses of—							
$1 to $999	2 512	16	90	150	511	320	51
$1,000 to $4,999	2 713	77	238	372	950	380	63
$5,000 to $24,999	812	100	132	180	263	93	–
$25,000 to $49,999	63	23	23	10	7	–	–
$50,000 or more	52	32	13	4	2	–	–
Repair and maintenance ..... farms..	78 128	1 071	2 846	5 681	21 166	12 962	3 505
$1,000..	504 525	45 667	60 764	80 391	182 016	64 298	13 006
Farms with expenses of—							
$1 to $4,999	46 146	45	223	840	6 282	7 939	2 546
$5,000 to $24,999	29 129	401	1 700	4 051	14 446	4 953	953
$25,000 to $49,999	2 300	344	760	726	398	65	6
$50,000 or more	553	281	163	64	40	5	–
Customwork, machine hire, and rental of machinery and equipment..... farms..	43 788	732	1 975	3 368	12 696	7 872	1 997
$1,000..	168 101	19 529	17 766	19 068	59 145	26 946	5 622
Farms with expenses of—							
$1 to $999	15 486	30	187	612	3 052	2 091	648
$1,000 to $4,999	19 166	205	793	1 568	5 999	3 945	1 003
$5,000 to $24,999	8 471	345	865	1 104	3 374	1 809	345
$25,000 to $49,999	468	84	88	62	212	21	1
$50,000 or more	197	68	42	22	59	6	–
Interest ..... farms..	55 257	1 038	2 783	5 072	17 611	9 486	2 244
$1,000..	600 284	84 259	91 996	100 546	194 736	67 365	11 414
Farms with expenses of—							
$1 to $4,999	26 319	49	217	802	5 428	4 637	1 434
$5,000 to $24,999	23 038	193	1 064	2 812	10 380	4 519	799
$25,000 to $99,999	5 631	609	1 440	1 439	1 802	330	11
$100,000 or more	269	187	62	19	1	–	–
Secured by real estate ..... farms..	36 993	776	2 087	3 633	11 471	5 955	1 300
$1,000..	347 061	40 370	46 550	57 558	114 335	43 172	7 164
Farms with expenses of—							
$1 to $999	4 105	10	42	89	541	412	170
$1,000 to $4,999	13 186	73	299	578	3 009	2 304	566
$5,000 to $24,999	16 914	256	1 055	2 254	7 156	3 061	559
$25,000 to $49,999	2 216	223	480	599	745	169	–
$50,000 or more	572	214	211	113	20	9	5
Not secured by real estate ..... farms..	36 242	775	2 137	3 778	12 808	6 463	1 516
$1,000..	253 223	43 889	45 446	42 988	80 401	24 193	4 250
Farms with expenses of—							
$1 to $999	8 257	10	66	193	1 512	1 326	377
$1,000 to $4,999	14 030	50	226	1 047	4 800	3 417	902
$5,000 to $24,999	12 220	249	1 186	2 151	6 309	1 684	237
$25,000 to $49,999	1 249	221	493	317	182	36	–
$50,000 or more	486	245	166	70	5	–	–
Cash rent ..... farms..	36 892	753	2 251	4 390	14 648	6 534	1 443
$1,000..	866 955	91 782	155 243	175 084	325 303	80 491	12 749
Farms with expenses of—							
$1 to $4,999	9 782	24	101	343	2 206	1 802	503
$5,000 to $9,999	5 578	40	115	378	1 956	1 353	395
$10,000 to $24,999	10 588	114	330	1 169	5 111	2 620	520
$25,000 or more	10 944	575	1 705	2 500	5 375	759	25
Property taxes ..... farms..	79 236	1 000	2 666	5 228	18 573	11 614	3 054
$1,000..	242 120	12 005	20 586	31 248	75 302	37 278	7 807
Farms with expenses of—							
$1 to $4,999	65 405	324	1 210	2 859	12 874	9 467	2 738
$5,000 to $9,999	10 244	251	771	1 507	4 437	1 928	309
$10,000 to $24,999	3 273	318	586	800	1 231	204	7
$25,000 or more	314	107	99	62	31	15	–
All other farm production expenses..... farms..	85 922	1 074	2 858	5 755	21 730	13 906	3 941
$1,000..	710 824	133 981	103 342	107 108	222 558	75 440	14 768
Farms with expenses of—							
$1 to $4,999	53 161	29	206	799	6 146	7 979	3 015
$5,000 to $24,999	27 377	231	1 089	3 521	14 158	5 781	926
$25,000 to $49,999	3 592	221	804	1 194	1 227	146	–
$50,000 to $99,999	1 297	244	663	196	194	–	–
$100,000 or more	495	349	96	45	5	–	–

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—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	$1,000 to $2,499	Less than $1,000
FARM PRODUCTION EXPENSES[1]—Con.							
Total farm production expenses—Con.							
Electricity ..... farms..	5 981	2 425	5 686	4 060	3 149	2 492	3 525
$1,000..	4 682	1 669	3 407	1 925	1 181	832	1 280
Farms with expenses of—							
$1 to $999	4 157	1 888	4 549	3 651	2 928	2 362	3 270
$1,000 to $4,999	1 804	537	1 137	408	221	130	255
$5,000 to $24,999	20	–	–	1	–	–	–
$25,000 to $49,999	–	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–	–
Hired farm labor ..... farms..	2 046	790	1 789	1 148	887	524	956
$1,000..	3 488	832	1 933	651	453	179	397
Farms with expenses of—							
$1 to $4,999	1 844	765	1 732	1 148	886	524	956
$5,000 to $24,999	193	25	56	–	–	–	–
$25,000 to $99,999	9	–	–	–	1	–	–
$100,000 to $249,999	–	–	1	–	–	–	–
$250,000 or more	–	–	–	–	–	–	–
Workers by days worked:							
150 days or more ..... farms..	361	96	384	199	175	114	320
workers..	424	103	390	243	175	114	320
Less than 150 days ..... farms..	1 968	782	1 767	1 138	880	524	956
workers..	4 074	1 634	3 854	2 546	1 651	749	1 543
Contract labor ..... farms..	529	207	356	360	226	142	232
$1,000..	896	225	476	356	124	70	148
Farms with expenses of—							
$1 to $999	270	132	246	232	197	117	180
$1,000 to $4,999	238	75	86	128	29	25	52
$5,000 to $24,999	21	–	23	–	–	–	–
$25,000 to $49,999	–	–	–	–	–	–	–
$50,000 or more	–	–	1	–	–	–	–
Repair and maintenance ..... farms..	6 412	2 572	6 281	4 542	3 293	2 605	5 192
$1,000..	19 455	6 383	12 736	6 833	3 963	2 658	6 356
Farms with expenses of—							
$1 to $4,999	5 265	2 243	5 735	4 317	3 140	2 547	5 024
$5,000 to $24,999	1 147	329	546	225	152	58	168
$25,000 to $49,999	–	–	–	–	1	–	–
$50,000 or more	–	–	–	–	–	–	–
Customwork, machine hire, and rental of machinery and equipment..... farms..	3 897	1 582	3 375	2 335	1 430	1 070	1 459
$1,000..	8 991	2 899	4 364	1 958	864	366	581
Farms with expenses of—							
$1 to $999	1 305	618	1 668	1 733	1 158	1 041	1 343
$1,000 to $4,999	2 107	882	1 666	588	272	22	116
$5,000 to $24,999	485	82	41	14	–	7	–
$25,000 to $49,999	–	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–	–
Interest ..... farms..	3 969	1 413	3 672	2 376	1 549	1 166	2 878
$1,000..	17 172	4 449	9 741	5 596	3 186	2 544	7 281
Farms with expenses of—							
$1 to $4,999	2 614	1 120	3 047	2 066	1 384	1 019	2 502
$5,000 to $24,999	1 355	293	625	310	165	147	376
$25,000 to $99,999	–	–	–	–	–	–	–
$100,000 or more	–	–	–	–	–	–	–
Secured by real estate ..... farms..	2 464	845	2 360	1 751	1 163	890	2 298
$1,000..	11 927	3 149	7 107	4 400	2 616	2 170	6 543
Farms with expenses of—							
$1 to $999	381	153	570	518	367	281	571
$1,000 to $4,999	1 044	459	1 320	987	667	484	1 396
$5,000 to $24,999	1 039	233	470	246	129	125	331
$25,000 to $49,999	–	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–	–
Not secured by real estate ..... farms..	2 455	852	2 141	1 226	670	473	948
$1,000..	5 245	1 300	2 634	1 196	570	374	738
Farms with expenses of—							
$1 to $999	974	375	1 217	787	453	348	619
$1,000 to $4,999	1 192	437	873	422	217	118	329
$5,000 to $24,999	289	40	51	17	–	7	–
$25,000 to $49,999	–	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–	–
Cash rent ..... farms..	2 418	845	1 519	906	592	382	211
$1,000..	15 361	3 638	4 888	1 235	726	231	224
Farms with expenses of—							
$1 to $4,999	1 070	539	1 135	886	580	382	211
$5,000 to $9,999	751	234	337	19	–	–	–
$10,000 to $24,999	592	72	47	1	12	–	–
$25,000 or more	5	–	–	–	–	–	–
Property taxes ..... farms..	6 108	2 557	6 549	5 295	3 983	3 595	9 014
$1,000..	14 412	4 811	10 603	6 993	4 342	3 313	13 422
Farms with expenses of—							
$1 to $4,999	5 746	2 452	6 362	5 180	3 928	3 568	8 697
$5,000 to $9,999	299	99	141	106	54	27	315
$10,000 to $24,999	63	6	46	9	1	–	2
$25,000 or more	–	–	–	–	–	–	–
All other farm production expenses..... farms..	7 431	3 074	7 483	5 028	3 738	3 146	6 758
$1,000..	19 667	6 532	12 443	5 456	3 178	1 950	4 399
Farms with expenses of—							
$1 to $4,999	6 432	2 828	7 153	4 993	3 710	3 146	6 725
$5,000 to $24,999	999	246	330	35	28	–	33
$25,000 to $49,999	–	–	–	–	–	–	–
$50,000 to $99,999	–	–	–	–	–	–	–
$100,000 or more	–	–	–	–	–	–	–

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)[1]							
All farms ..... number..	90 786	1 075	2 858	5 755	21 730	13 906	3 941
$1,000..	2 969 179	533 405	502 286	642 176	1 025 271	245 920	37 084
Average per farm ..... dollars..	32 705	496 191	175 748	111 586	47 182	17 684	9 410
Farms with net gains[2] ..... number..	60 033	980	2 635	5 346	19 593	11 286	2 990
Average net gain ..... dollars..	54 248	571 673	196 116	123 242	54 731	25 533	15 855
Gain of—							
Less than $1,000	2 958	–	4	10	159	84	62
$1,000 to $9,999	14 355	8	42	80	1 105	1 877	863
$10,000 to $49,999	23 955	41	231	567	8 383	8 484	2 065
$50,000 or more	18 765	931	2 358	4 689	9 946	841	–
Farms with net losses ..... number..	30 753	95	223	409	2 137	2 620	951
Average net loss ..... dollars..	9 348	282 465	64 926	40 777	22 029	16 124	10 855
Loss of—							
Less than $1,000	4 252	1	5	9	102	194	100
$1,000 to $9,999	19 376	6	30	69	718	1 029	446
$10,000 to $49,999	6 564	28	90	202	1 173	1 321	398
$50,000 or more	561	60	98	129	144	76	7
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME							
Government payments ..... farms..	67 795	798	2 450	7 539	16 725	11 530	3 260
$1,000..	536 924	23 252	52 899	120 285	156 928	63 164	13 658
Other farm-related income[1] ..... farms..	39 905	458	1 204	3 579	12 575	6 847	1 604
$1,000..	260 021	10 572	15 302	30 724	68 050	39 913	9 402
Customwork and other agricultural services ..... farms..	10 656	191	560	1 546	4 521	1 700	289
$1,000..	86 843	6 767	9 202	18 321	33 078	10 591	1 743
Gross cash rent or share payments ..... farms..	11 241	79	145	472	1 575	1 484	491
$1,000..	134 239	(D)	2 436	5 812	19 349	24 389	(D)
Forest products, excluding Christmas trees and maple products ..... farms..	774	3	15	36	105	153	1
$1,000..	4 037	(D)	188	95	1 019	661	(D)
Other farm-related income sources ..... farms..	28 494	360	995	2 871	10 266	5 461	1 218
$1,000..	34 902	2 215	3 476	6 497	14 604	4 273	932
COMMODITY CREDIT CORPORATION LOANS							
Total ..... farms..	12 999	234	751	2 547	5 029	2 450	515
$1,000..	508 209	34 222	72 258	160 245	181 905	44 165	5 721
Corn ..... farms..	11 532	213	695	2 322	4 470	2 170	445
$1,000..	313 831	21 902	44 827	102 008	109 119	26 855	(D)
Wheat ..... farms..	14	–	1	–	5	4	–
$1,000..	17	–	(D)	–	8	1	–
Soybeans ..... farms..	6 070	119	408	1 268	2 493	1 045	215
$1,000..	194 281	12 320	27 421	58 232	72 743	17 286	2 320
Sorghum, barley, and oats ..... farms..	92	–	3	8	36	25	1
$1,000..	79	–	(D)	6	36	22	(D)
Cotton ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Peanuts, rice, and tobacco ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
LAND IN FARMS ACCORDING TO USE							
Total cropland ..... farms..	83 375	916	2 669	8 197	18 705	13 354	3 917
acres..	26 821 844	1 272 610	2 921 041	6 491 317	8 741 173	3 536 733	729 776
Harvested cropland ..... farms..	74 951	883	2 631	8 146	18 595	13 208	3 871
acres..	23 323 249	1 218 004	2 776 783	6 124 120	7 966 916	3 005 467	592 017
Farms by acres harvested:							
1 to 49 acres	15 222	30	44	93	267	360	164
50 to 99 acres	8 807	14	37	63	346	592	350
100 to 199 acres	14 539	39	88	289	1 648	4 362	2 694
200 to 499 acres	21 216	137	423	1 729	10 057	7 693	657
500 to 999 acres	11 290	230	786	3 954	6 106	199	6
1,000 to 1,999 acres	3 429	245	1 014	2 000	168	2	–
2,000 acres or more	448	188	239	18	3	–	–
Cropland:							
Pasture or grazing only ..... farms..	28 797	222	718	2 552	6 401	4 772	1 319
acres..	2 001 198	29 340	86 362	239 437	535 632	368 653	91 609
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms..	12 494	131	376	1 203	2 432	1 738	535
acres..	672 119	10 687	22 705	53 464	104 222	69 860	23 941
On which all crops failed ..... farms..	1 188	6	30	109	298	182	57
acres..	41 542	526	2 601	7 363	10 826	5 558	2 241
In cultivated summer fallow ..... farms..	665	5	11	37	111	132	29
acres..	32 353	149	1 886	3 224	5 864	6 729	1 851
Idle ..... farms..	12 221	134	358	991	2 128	1 545	433
acres..	751 383	13 904	30 704	63 709	117 713	80 466	18 117
Total woodland ..... farms..	22 516	130	481	1 613	3 922	3 061	891
acres..	1 315 257	23 297	46 829	127 620	271 445	187 889	49 430
Woodland pastured ..... farms..	11 335	59	242	836	2 109	1 708	491
acres..	633 367	9 190	23 198	67 471	150 544	103 445	27 080
Woodland not pastured ..... farms..	15 072	96	343	1 112	2 603	1 970	556
acres..	681 890	14 107	23 631	60 149	120 901	84 444	22 350

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—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	$1,000 to $2,499	Less than $1,000
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)[1]							
All farms ..... number..	7 431	3 074	7 483	5 788	4 477	3 926	9 342
$1,000..	43 215	9 348	1 926	–8 306	–12 321	–11 371	–39 454
Average per farm ..... dollars..	5 815	3 041	257	–1 435	–2 752	–2 896	–4 223
Farms with net gains[2] ..... number..	5 500	2 111	4 432	2 758	1 556	752	94
Average net gain ..... dollars..	11 541	7 905	5 142	2 630	1 393	637	234
Gain of—							
Less than $1,000	184	90	460	566	645	600	94
$1,000 to $9,999	2 288	1 291	3 546	2 192	911	152	–
$10,000 to $49,999	3 028	730	426	–	–	–	–
$50,000 or more	–	–	–	–	–	–	–
Farms with net losses ..... number..	1 931	963	3 051	3 030	2 921	3 174	9 248
Average net loss ..... dollars..	10 492	7 622	6 839	5 135	4 960	3 734	4 269
Loss of—							
Less than $1,000	160	57	363	552	458	854	1 397
$1,000 to $9,999	1 028	619	1 998	2 087	2 094	2 115	7 137
$10,000 to $49,999	722	287	689	383	352	205	714
$50,000 or more	21	–	1	8	17	–	–
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME							
Government payments ..... farms..	5 461	2 100	4 608	2 964	1 834	1 260	7 266
$1,000..	19 730	6 709	14 378	9 912	5 809	3 679	46 521
Other farm-related income[1] ..... farms..	3 240	1 177	2 587	1 980	1 107	979	2 568
$1,000..	19 167	8 750	12 937	11 503	4 368	5 287	24 046
Customwork and other agricultural services ..... farms..	587	201	420	279	121	111	130
$1,000..	3 224	1 105	1 184	752	325	183	369
Gross cash rent or share payments ..... farms..	1 042	453	1 239	1 094	666	610	1 891
$1,000..	14 178	7 303	11 051	10 164	3 869	4 715	22 689
Forest products, excluding Christmas trees and maple products ..... farms..	94	22	44	96	42	43	120
$1,000..	472	49	259	350	101	296	516
Other farm-related income sources ..... farms..	2 412	800	1 444	923	497	342	905
$1,000..	1 292	293	443	236	73	94	472
COMMODITY CREDIT CORPORATION LOANS							
Total ..... farms..	757	201	335	110	48	20	2
$1,000..	7 061	1 177	1 167	221	(D)	8	(D)
Corn ..... farms..	622	173	285	88	33	14	2
$1,000..	4 041	(D)	700	(D)	(D)	3	(D)
Wheat ..... farms..	–	–	1	1	2	–	–
$1,000..	–	–	(D)	(D)	(D)	–	–
Soybeans ..... farms..	311	59	102	28	16	6	–
$1,000..	3 019	372	463	80	20	5	–
Sorghum, barley, and oats ..... farms..	8	2	7	–	2	–	–
$1,000..	2	(D)	(D)	–	(D)	–	–
Cotton ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Peanuts, rice, and tobacco ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
LAND IN FARMS ACCORDING TO USE							
Total cropland ..... farms..	7 027	2 938	6 651	4 984	3 704	3 020	7 293
acres..	1 053 189	345 533	617 776	316 246	160 501	88 824	547 125
Harvested cropland ..... farms..	6 866	2 844	6 212	4 355	3 093	2 456	1 791
acres..	791 651	237 329	363 462	143 369	57 575	29 635	16 921
Farms by acres harvested:							
1 to 49 acres	524	411	2 674	3 545	2 929	2 409	1 772
50 to 99 acres	2 052	1 638	2 806	706	146	40	17
100 to 199 acres	3 852	746	697	98	18	6	2
200 to 499 acres	431	49	33	6	–	1	–
500 to 999 acres	7	–	2	–	–	–	–
1,000 to 1,999 acres	–	–	–	–	–	–	–
2,000 acres or more	–	–	–	–	–	–	–
Cropland:							
Pasture or grazing only ..... farms..	2 496	1 080	2 636	2 131	1 556	1 116	1 798
acres..	170 520	69 195	153 288	92 883	50 987	24 652	88 640
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms..	894	346	843	689	457	313	2 537
acres..	42 218	18 441	43 608	38 034	23 534	14 522	206 883
On which all crops failed ..... farms..	106	64	110	51	41	27	107
acres..	1 613	1 146	1 777	1 326	932	230	5 403
In cultivated summer fallow ..... farms..	78	21	77	55	30	19	60
acres..	3 905	697	2 229	1 630	670	656	2 863
Idle ..... farms..	864	356	901	732	506	372	2 901
acres..	43 282	18 725	53 412	39 004	26 803	19 129	226 415
Total woodland ..... farms..	1 843	827	2 174	1 823	1 378	1 052	3 321
acres..	103 421	42 544	109 113	83 786	50 838	35 854	183 191
Woodland pastured ..... farms..	1 044	491	1 241	1 030	688	485	911
acres..	55 660	25 804	56 771	41 584	21 458	12 791	38 371
Woodland not pastured ..... farms..	1 151	503	1 299	1 114	891	712	2 722
acres..	47 761	16 740	52 342	42 202	29 380	23 063	144 820

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
LAND IN FARMS ACCORDING TO USE—Con.							
Pastureland and rangeland other than cropland and woodland pastured..... farms..	18 756	179	480	1 510	3 532	2 566	788
acres..	1 440 627	54 518	86 679	210 415	338 549	221 057	54 249
Land in house lots, ponds, roads, wasteland, etc. ..... farms..	61 890	798	1 995	5 775	13 223	9 519	2 793
acres..	1 588 971	64 714	105 887	251 843	403 711	223 456	59 699
Irrigated land ..... farms..	957	39	80	139	260	118	22
acres..	124 983	9 498	26 734	30 261	43 694	9 038	650
Harvested cropland irrigated ..... farms..	930	38	80	138	257	117	22
acres..	123 084	(D)	26 734	(D)	(D)	(D)	650
Pasture and other land irrigated ..... farms..	35	2	–	2	4	1	–
acres..	1 899	(D)	–	(D)	(D)	(D)	–
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms..	24 137	208	624	2 012	4 143	2 830	793
acres..	1 707 901	21 591	50 681	126 704	258 022	186 391	49 486
VALUE OF LAND AND BUILDINGS[1]							
Estimated market value of land and buildings..... farms..	90 786	1 075	2 858	5 755	21 730	13 906	3 941
$1,000..	51 438 152	2 948 296	5 984 891	9 237 235	18 323 645	6 601 388	1 280 270
Average per farm .....dollars..	566 587	2 742 601	2 094 084	1 605 080	843 242	474 715	324 859
Average per acre .....dollars..	1 697	2 083	1 894	1 846	1 681	1 547	1 488
Farms by value group:							
$1 to $39,999	6 863	15	38	45	192	255	134
$40,000 to $69,999	6 204	8	76	27	111	296	112
$70,000 to $99,999	5 997	16	36	38	218	265	84
$100,000 to $149,999	8 505	33	29	43	445	495	299
$150,000 to $199,999	6 673	24	43	56	361	582	331
$200,000 to $499,999	24 213	105	197	370	4 232	6 626	2 408
$500,000 to $999,999	17 252	135	410	1 148	9 111	4 565	502
$1,000,000 to $1,999,999.....	10 795	235	747	2 271	6 444	765	71
$2,000,000 to $4,999,999.....	3 899	343	1 118	1 719	604	57	–
$5,000,000 or more	385	161	164	38	12	–	–
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ..... farms..	90 747	1 075	2 858	5 755	21 730	13 906	3 941
$1,000..	7 318 851	358 565	740 401	1 235 736	2 705 384	1 009 155	183 449
Farms by value group:							
$1 to $4,999	5 590	–	4	3	57	140	215
$5,000 to $9,999	8 201	10	18	16	205	379	247
$10,000 to $19,999	13 192	20	39	51	561	1 067	679
$20,000 to $49,999	21 194	68	147	263	2 927	4 043	1 451
$50,000 to $99,999	17 049	91	267	689	6 195	4 708	911
$100,000 to $199,999	15 110	239	703	1 827	7 659	2 896	362
$200,000 to $499,999	9 363	427	1 359	2 666	3 925	646	60
$500,000 or more.....	1 048	220	321	240	201	27	16
SELECTED MACHINERY AND EQUIPMENT[1]							
Motortrucks, including pickups..... farms..	83 941	1 075	2 858	5 755	21 680	13 189	3 562
number..	147 779	4 791	9 660	14 300	41 071	21 725	5 624
Wheel tractors..... farms..	84 736	954	2 549	5 519	20 797	13 201	3 763
number..	255 019	4 726	10 828	23 808	78 995	42 721	10 596
Less than 40 horsepower (PTO) ..... farms..	38 074	340	965	2 224	8 713	5 476	1 715
number..	59 853	601	1 678	3 627	14 277	8 519	2 740
40 horsepower (PTO) or more ..... farms..	76 722	905	2 400	5 394	20 321	12 897	3 595
number..	195 166	4 125	9 150	20 181	64 718	34 202	7 856
40 to 99 horsepower (PTO) ..... farms..	63 516	737	1 909	4 184	16 467	10 363	2 860
number..	108 644	1 622	3 804	8 027	30 303	19 181	4 876
100 horsepower (PTO) or more..... farms..	49 966	724	1 906	4 833	18 098	10 321	2 298
number..	86 522	2 503	5 346	12 154	34 415	15 021	2 980
Grain and bean combines..... farms..	42 979	666	2 202	4 780	16 242	8 459	1 827
number..	46 717	823	2 504	5 360	17 601	9 054	1 975
Cotton pickers and strippers..... farms..	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–
Mower conditioners ..... farms..	24 751	288	794	1 753	7 584	4 158	1 050
number..	26 324	318	855	1 825	8 100	4 372	1 128
Pickup balers..... farms..	28 853	293	860	2 040	8 803	4 980	1 448
number..	34 622	362	1 075	2 531	10 710	6 022	1 736
AGRICULTURAL CHEMICALS[1]							
Commercial fertilizer ..... farms..	65 495	831	2 578	5 432	20 516	12 619	3 438
acres on which used..	14 473 220	747 096	1 786 709	2 798 103	5 785 886	1 968 944	371 996
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms..	24 957	440	1 153	2 762	9 272	4 798	1 162
acres on which used..	3 241 067	231 335	411 197	626 482	1 240 603	440 867	78 719
Nematodes in crops..... farms..	1 426	16	41	128	492	331	30
acres on which used..	175 517	6 183	14 564	32 728	65 336	35 423	3 179
Diseases in crops and orchards..... farms..	1 122	16	38	71	344	180	30
acres on which used..	131 187	6 704	14 545	20 468	52 899	21 332	2 418
Weeds, grass, or brush in crops and pasture ..... farms..	53 909	625	1 743	4 662	17 356	10 554	2 874
acres on which used..	16 674 094	879 842	1 851 604	3 423 688	6 905 087	2 251 700	400 680
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms..	43	5	7	7	2	7	–
acres on which used..	1 594	(D)	(D)	161	(D)	490	–

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—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	$1,000 to $2,499	Less than $1,000
LAND IN FARMS ACCORDING TO USE—Con.							
Pastureland and rangeland other than cropland and woodland pastured ..... farms	1 508	691	1 778	1 624	1 213	982	1 905
acres	104 012	48 237	103 969	74 637	38 500	24 148	81 657
Land in house lots, ponds, roads, wasteland, etc. ..... farms	4 938	2 041	4 837	3 886	3 125	2 715	6 245
acres	87 857	33 923	75 588	53 912	34 055	24 329	169 997
Irrigated land ..... farms	63	23	69	43	29	31	41
acres	2 222	563	876	387	108	404	548
Harvested cropland irrigated ..... farms	63	22	68	40	29	27	29
acres	(D)	559	(D)	379	108	395	86
Pasture and other land irrigated ..... farms	1	4	1	3	–	4	13
acres	(D)	4	(D)	8	–	9	462
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms	1 544	624	1 649	1 438	947	671	6 654
acres	102 520	43 252	116 808	97 397	60 554	38 057	556 438
VALUE OF LAND AND BUILDINGS[1]							
Estimated market value of land and buildings ..... farms	7 431	3 074	7 483	5 788	4 477	3 926	9 342
$1,000	1 934 355	651 800	1 320 413	771 972	515 937	375 230	1 492 720
Average per farm ..... dollars	260 309	212 036	176 455	133 375	115 242	95 576	159 786
Average per acre ..... dollars	1 407	1 448	1 466	1 429	1 850	2 296	1 492
Farms by value group:							
$1 to $39,999	340	225	577	1 081	1 167	1 166	1 628
$40,000 to $69,999	359	172	1 054	927	889	739	1 434
$70,000 to $99,999	374	289	1 071	975	660	659	1 312
$100,000 to $149,999	908	523	1 708	1 102	760	636	1 524
$150,000 to $199,999	1 143	670	1 099	685	308	301	1 070
$200,000 to $499,999	3 730	1 068	1 673	873	610	378	1 943
$500,000 to $999,999	478	97	205	110	67	45	379
$1,000,000 to $1,999,999	97	21	57	34	8	2	43
$2,000,000 to $4,999,999	2	1	38	1	8	–	8
$5,000,000 or more	–	8	1	–	–	–	1
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ..... farms	7 431	3 074	7 483	5 788	4 477	3 919	9 310
$1,000	291 531	102 301	203 335	129 342	91 293	80 983	187 376
Farms by value group:							
$1 to $4,999	291	189	587	650	885	786	1 783
$5,000 to $9,999	753	349	1 186	1 231	924	889	1 994
$10,000 to $19,999	1 507	638	2 186	1 754	1 231	987	2 472
$20,000 to $49,999	2 787	1 309	2 522	1 578	1 027	886	2 186
$50,000 to $99,999	1 539	426	676	426	269	237	615
$100,000 to $199,999	460	129	278	103	124	118	212
$200,000 to $499,999	86	34	40	46	10	16	48
$500,000 or more	8	–	8	–	7	–	–
SELECTED MACHINERY AND EQUIPMENT[1]							
Motortrucks, including pickups ..... farms	6 650	2 721	6 643	5 044	3 875	3 330	7 559
number	9 806	3 873	9 714	6 982	5 343	4 448	10 442
Wheel tractors ..... farms	6 957	2 844	6 955	5 270	4 074	3 431	8 422
number	18 435	6 997	16 551	11 112	7 798	6 476	15 976
Less than 40 horsepower (PTO) ..... farms	3 165	1 324	3 377	2 524	2 258	1 853	4 140
number	5 006	2 165	5 347	3 795	3 378	2 694	6 026
40 horsepower (PTO) or more ..... farms	6 389	2 545	6 109	4 464	2 927	2 448	6 328
number	13 429	4 832	11 204	7 317	4 420	3 782	9 950
40 to 99 horsepower (PTO) ..... farms	5 391	2 144	5 366	3 923	2 509	2 166	5 497
number	9 003	3 396	8 614	5 716	3 320	2 991	7 791
100 horsepower (PTO) or more ..... farms	3 615	1 221	2 168	1 339	939	683	1 821
number	4 426	1 436	2 590	1 601	1 100	791	2 159
Grain and bean combines ..... farms	3 080	1 142	2 199	976	580	450	376
number	3 287	1 189	2 355	1 058	617	495	399
Cotton pickers and strippers ..... farms	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–
Mower conditioners ..... farms	1 953	880	2 119	1 611	841	643	1 077
number	2 062	917	2 284	1 672	892	678	1 221
Pickup balers ..... farms	2 478	991	2 432	1 923	1 026	757	822
number	2 900	1 185	2 932	2 247	1 185	831	906
AGRICULTURAL CHEMICALS[1]							
Commercial fertilizer ..... farms	6 225	2 357	4 869	2 917	1 739	1 037	937
acres on which used	509 796	143 197	215 245	84 826	28 540	13 278	19 604
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms	1 959	706	1 259	679	372	231	164
acres on which used	115 606	32 922	41 500	13 716	4 882	1 667	1 571
Nematodes in crops ..... farms	143	46	106	31	40	5	17
acres on which used	9 961	2 131	4 884	571	448	20	89
Diseases in crops and orchards ..... farms	95	41	98	73	50	42	44
acres on which used	5 129	3 203	2 410	1 134	603	223	119
Weeds, grass, or brush in crops and pasture ..... farms	4 954	1 763	4 090	2 396	1 312	896	684
acres on which used	510 690	129 184	207 551	63 387	25 625	10 025	15 031
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms	–	1	–	–	1	7	6
acres on which used	–	(D)	–	–	(D)	(D)	12

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
TENURE AND RACE OF OPERATOR							
All operators	90 792	1 075	2 858	8 404	19 119	13 735	4 082
Full owners	42 902	281	478	1 027	3 780	4 850	1 890
Part owners	32 996	688	2 019	6 103	11 458	5 680	1 226
Tenants	14 894	106	361	1 274	3 881	3 205	966
White	90 669	1 074	2 856	8 399	19 098	13 722	4 078
Full owners	42 830	281	477	1 026	3 777	4 845	1 889
Part owners	32 961	687	2 018	6 099	11 443	5 676	1 225
Tenants	14 878	106	361	1 274	3 878	3 201	964
Black and other races	123	1	2	5	21	13	4
Full owners	72	–	1	1	3	5	1
Part owners	35	1	1	4	15	4	1
Tenants	16	–	–	–	3	4	2
OWNED AND RENTED LAND							
Land owned ... farms	76 916	975	2 507	7 168	15 409	10 785	3 205
acres	16 795 890	559 248	1 091 652	2 549 372	4 241 060	2 517 612	651 539
Owned land in farms ... farms	75 898	969	2 497	7 130	15 238	10 530	3 116
acres	14 354 684	533 184	1 045 135	2 432 245	3 926 830	2 173 243	541 507
Land rented or leased from others ... farms	48 208	796	2 385	7 391	15 376	8 924	2 208
acres	16 988 397	884 668	2 120 606	4 690 764	5 858 257	2 028 896	358 268
landlords	120 737	3 821	10 827	27 788	41 359	16 619	3 544
Rented or leased land in farms ... farms	47 890	794	2 380	7 377	15 339	8 885	2 192
acres	16 812 015	881 955	2 115 301	4 648 950	5 828 048	1 995 892	351 647
Land rented or leased to others ... farms	16 229	137	245	715	1 855	1 936	686
acres	2 617 588	28 777	51 822	158 941	344 439	377 373	116 653
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	66 661	784	2 334	7 233	16 009	10 235	2 768
Not on farm operated	19 439	237	324	789	2 513	3 011	1 139
Not reported	4 692	54	200	382	597	489	175
Operators by principal occupation:							
Farming	56 256	975	2 663	7 952	16 973	9 976	2 536
Other	34 536	100	195	452	2 146	3 759	1 546
Operators by days worked off farm:							
None	40 767	807	2 091	5 882	11 378	6 337	1 678
Any	45 408	219	580	2 056	6 878	6 695	2 162
1 to 99 days	9 726	93	302	1 202	3 139	1 708	377
100 to 199 days	7 009	33	83	377	1 450	1 306	352
200 days or more	28 673	93	195	477	2 289	3 681	1 433
Not reported	4 617	49	187	466	863	703	242
Operators by years on present farm:							
2 years or less	3 505	33	77	131	363	487	168
3 or 4 years	4 287	51	68	185	547	573	208
5 to 9 years	10 433	97	210	569	1 730	1 434	440
10 years or more	60 710	731	2 070	6 602	14 736	9 789	2 777
Average years on present farm	22.3	22.5	22.9	23.7	23.7	23.9	23.7
Not reported	11 857	163	433	917	1 743	1 452	489
Operators by age group:							
Under 25 years	1 468	11	27	81	213	231	92
25 to 34 years	7 554	78	263	699	1 843	1 255	340
35 to 44 years	20 841	340	950	2 683	5 290	2 938	812
45 to 49 years	11 388	174	493	1 367	2 722	1 630	388
50 to 54 years	10 125	132	352	1 083	2 125	1 426	452
55 to 59 years	9 798	114	313	950	2 256	1 449	408
60 to 64 years	9 402	90	214	805	2 227	1 603	422
65 to 69 years	7 812	69	125	383	1 181	1 373	454
70 years and over	12 404	67	121	353	1 262	1 830	714
Average age	52.4	49.2	47.7	48.4	49.6	52.5	53.9
Operators by sex:							
Male	86 174	1 061	2 816	8 295	18 786	13 321	3 918
Female	4 618	14	42	109	333	414	164
Operators of Spanish, Hispanic, or Latino origin (see text)	343	4	14	48	51	61	12
FARMS BY TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) ... farms	75 880	454	1 639	6 014	15 838	11 709	3 492
acres	23 526 085	541 013	1 753 983	4 940 287	7 975 335	3 531 024	757 902
Partnership ... farms	8 231	207	427	819	1 605	1 331	410
acres	3 373 783	367 756	543 175	696 059	806 478	415 812	94 358
Corporation:							
Family held ... farms	5 733	363	730	1 513	1 559	613	140
acres	3 992 642	457 145	837 394	1 412 137	921 580	198 027	33 938
More than 10 stockholders ... farms	104	14	9	19	19	17	2
10 or less stockholders ... farms	5 629	349	721	1 494	1 540	596	138
Other than family held ... farms	395	48	52	40	51	27	14
acres	126 835	(D)	14 739	13 404	21 448	6 668	2 474
More than 10 stockholders ... farms	64	14	7	3	6	3	4
10 or less stockholders ... farms	331	34	45	37	45	24	10
Other—cooperative, estate or trust, institutional, etc. ... farms	553	3	10	18	66	55	26
acres	147 354	(D)	11 145	19 308	30 037	17 604	4 482

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—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	$1,000 to $2,499	Less than $1,000
TENURE AND RACE OF OPERATOR								
All operators		7 366	3 124	7 383	5 878	4 577	3 961	9 230
Full owners		3 993	1 855	4 896	4 384	3 568	3 264	8 636
Part owners		1 836	637	1 354	830	533	339	293
Tenants		1 537	632	1 133	664	476	358	301
White		7 357	3 121	7 369	5 867	4 572	3 953	9 203
Full owners		3 987	1 852	4 886	4 377	3 564	3 257	8 612
Part owners		1 834	637	1 353	826	533	338	292
Tenants		1 536	632	1 130	664	475	358	299
Black and other races		9	3	14	11	5	8	27
Full owners		6	3	10	7	4	7	24
Part owners		2	–	1	4	–	1	1
Tenants		1	–	3	–	1	–	2
OWNED AND RENTED LAND								
Land owned	farms	5 979	2 567	6 344	5 252	4 130	3 621	8 974
	acres	1 121 308	440 668	946 728	636 072	365 462	228 640	1 446 529
Owned land in farms	farms	5 829	2 492	6 250	5 214	4 101	3 603	8 929
	acres	897 980	337 623	694 029	441 276	243 795	149 640	938 197
Land rented or leased from others	farms	3 408	1 286	2 533	1 528	1 027	719	627
	acres	465 715	138 770	222 396	93 900	43 193	26 240	56 724
	landlords	5 483	1 865	3 894	2 196	1 498	963	880
Rented or leased land in farms	farms	3 373	1 269	2 487	1 494	1 009	697	594
	acres	450 499	132 614	212 417	87 305	40 099	23 515	43 773
Land rented or leased to others	farms	1 376	684	1 793	1 604	1 133	837	3 228
	acres	238 544	109 201	262 678	201 391	124 761	81 725	521 283
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated		4 934	2 051	4 964	4 103	3 322	2 952	4 972
Not on farm operated		2 082	923	2 061	1 439	995	750	3 176
Not reported		350	150	358	336	260	259	1 082
Operators by principal occupation:								
Farming		4 148	1 583	3 244	1 995	1 200	840	2 171
Other		3 218	1 541	4 139	3 883	3 377	3 121	7 059
Operators by days worked off farm:								
None		2 773	1 096	2 327	1 593	1 073	808	2 924
Any		4 194	1 845	4 630	4 006	3 329	3 020	5 794
1 to 99 days		685	259	543	442	300	231	445
100 to 199 days		651	262	650	485	373	326	661
200 days or more		2 858	1 324	3 437	3 079	2 656	2 463	4 688
Not reported		399	183	426	279	175	133	512
Operators by years on present farm:								
2 years or less		355	167	430	350	276	263	405
3 or 4 years		390	180	444	392	392	344	513
5 to 9 years		937	392	1 048	908	737	733	1 198
10 years or more		4 792	1 984	4 467	3 391	2 493	1 940	4 938
Average years on present farm		22.8	22.6	21.5	19.8	18.3	16.3	20.8
Not reported		892	401	994	837	679	681	2 176
Operators by age group:								
Under 25 years		151	50	197	144	110	94	67
25 to 34 years		664	274	607	444	335	340	412
35 to 44 years		1 375	590	1 335	1 151	979	964	1 434
45 to 49 years		784	310	765	657	592	488	1 018
50 to 54 years		722	297	773	666	522	467	1 108
55 to 59 years		695	333	727	619	496	423	1 015
60 to 64 years		745	291	736	523	427	358	961
65 to 69 years		818	333	751	583	396	313	1 033
70 years and over		1 412	646	1 492	1 091	720	514	2 182
Average age		54.3	54.9	54.5	54.0	53.1	51.5	57.4
Operators by sex:								
Male		6 995	2 947	6 928	5 430	4 190	3 627	7 860
Female		371	177	455	448	387	334	1 370
Operators of Spanish, Hispanic, or Latino origin (see text)		38	10	34	19	11	13	28
FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)	farms	6 321	2 723	6 494	5 276	4 188	3 692	8 040
	acres	1 145 384	406 870	795 927	469 187	251 745	156 675	800 753
Partnership	farms	747	314	685	449	290	184	763
	acres	144 985	47 818	83 043	45 121	22 739	9 525	96 914
Corporation:								
Family held	farms	215	63	118	91	47	42	239
	acres	41 505	10 349	13 020	8 902	6 213	3 670	48 762
More than 10 stockholders	farms	7	2	–	7	2	2	4
10 or less stockholders	farms	208	61	118	84	45	40	235
Other than family held	farms	17	14	31	14	14	13	60
	acres	3 328	(D)	5 822	803	924	739	9 896
More than 10 stockholders	farms	1	2	6	2	4	2	10
10 or less stockholders	farms	16	12	25	12	10	11	50
Other—cooperative, estate or trust, institutional, etc.	farms	66	10	55	48	38	30	128
	acres	13 277	(D)	8 634	4 568	2 273	2 546	25 645

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
INJURIES AND DEATHS							
Farm-related injuries:							
Operator and family members ..... farms..	1 131	25	55	164	348	194	59
number..	1 314	30	69	197	406	212	73
Hired workers ..... farms..	346	86	73	66	68	21	4
number..	604	282	91	75	82	27	(D)
Farm-related deaths:							
Operator and family members ..... farms..	30	2	2	2	4	5	3
number..	30	(D)	(D)	(D)	(D)	(D)	(D)
Hired workers ..... farms..	6	1	1	2	–	–	–
number..	6	(D)	(D)	(D)	–	–	–
FARMS BY SIZE							
1 to 9 acres	5 049	50	127	154	355	331	135
10 to 49 acres	11 580	114	103	129	249	251	102
50 to 69 acres	3 183	11	13	16	59	75	42
70 to 99 acres	6 718	11	24	32	141	210	112
100 to 139 acres	6 517	27	28	50	226	409	407
140 to 179 acres	8 107	21	35	111	531	1 532	1 264
180 to 219 acres	5 265	14	28	82	558	1 556	596
220 to 259 acres	5 093	20	48	150	705	2 035	420
260 to 499 acres	18 560	100	299	1 155	7 286	5 870	797
500 to 999 acres	14 833	218	719	3 625	8 123	1 345	191
1,000 to 1,999 acres	5 114	269	1 052	2 774	856	110	16
2,000 acres or more	773	220	382	126	30	11	–
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM							
Oilseed and grain farming (1111)	53 656	152	1 101	4 996	13 127	10 125	3 100
Vegetable and melon farming (1112)	255	–	3	3	9	11	3
Fruit and tree nut farming (1113)	203	–	–	–	7	9	2
Greenhouse, nursery, and floriculture production (1114)	641	14	17	28	53	63	21
Other crop farming (1119)	3 871	9	53	163	296	277	88
Tobacco farming (11191)	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	3 871	9	53	163	296	277	88
Beef cattle ranching and farming (112111)	11 392	47	91	252	589	711	281
Cattle feedlots (112112)	3 914	255	331	448	616	480	128
Dairy cattle and milk production (11212)	2 675	22	56	362	1 237	577	113
Hog and pig farming (1122)	9 388	453	1 081	1 948	2 796	1 245	290
Poultry and egg production (1123)	448	99	47	37	51	12	5
Sheep and goat farming (1124)	1 251	2	4	10	21	20	5
Animal aquaculture and other animal production (1125, 1129)	3 098	22	74	157	317	205	46
LIVESTOCK							
Cattle and calves inventory ..... farms..	38 435	504	1 310	3 748	8 733	6 053	1 703
number..	3 647 129	512 549	428 115	639 582	929 226	457 372	104 300
Farms with—							
1 to 9	3 947	6	33	110	329	268	97
10 to 49	15 149	30	119	586	1 997	2 189	767
50 to 99	8 960	19	155	703	2 558	2 033	535
100 to 199	6 468	33	227	1 091	2 801	1 270	263
200 to 499	3 085	77	485	1 126	998	281	40
500 or more	826	339	291	132	50	12	1
Cows and heifers that had calved ..... farms..	30 804	196	747	2 754	7 132	5 098	1 422
number..	1 251 314	37 308	83 333	198 312	382 917	210 698	49 394
Beef cows ..... farms..	27 452	159	647	2 244	5 692	4 435	1 284
number..	1 029 172	24 305	64 648	143 598	287 794	182 083	45 471
Farms with—							
1 to 9	4 760	8	29	142	466	408	161
10 to 49	16 051	44	211	1 005	2 945	2 658	821
50 to 99	4 747	38	214	652	1 588	1 052	241
100 to 199	1 556	35	120	351	596	292	58
200 to 499	310	27	59	89	97	24	2
500 or more	28	7	14	5	–	1	1
Milk cows ..... farms..	4 208	39	127	607	1 719	845	162
number..	222 142	13 003	18 685	54 714	95 123	28 615	3 923
Farms with—							
1 to 4	332	–	3	10	23	38	11
5 to 9	156	–	–	2	7	25	9
10 to 49	1 861	5	12	74	668	626	134
50 to 99	1 418	4	30	299	917	153	8
100 to 199	353	2	47	199	102	3	–
200 to 499	80	22	33	23	2	–	–
500 or more	8	6	2	–	–	–	–
Heifers and heifer calves ..... farms..	28 885	343	903	2 799	6 796	4 729	1 317
number..	1 026 132	179 246	133 501	191 983	254 280	112 763	24 252
Steers, steer calves, bulls, and bull calves ..... farms..	33 184	434	1 128	3 267	7 598	5 315	1 531
number..	1 369 683	295 995	211 281	249 287	292 029	133 911	30 654

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—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	$1,000 to $2,499	Less than $1,000
INJURIES AND DEATHS							
Farm-related injuries:							
Operator and family members ..... farms..	68	33	46	42	38	26	33
number..	81	39	49	48	47	26	37
Hired workers ..... farms..	10	4	2	7	2	1	2
number..	12	5	(D)	15	(D)	(D)	(D)
Farm-related deaths:							
Operator and family members ..... farms..	2	2	1	3	–	–	4
number..	(D)	(D)	(D)	(D)	–	–	(D)
Hired workers ..... farms..	–	–	–	1	–	–	1
number..	–	–	–	(D)	–	–	(D)
FARMS BY SIZE							
1 to 9 acres	256	124	470	538	675	1 115	719
10 to 49 acres	252	181	1 257	2 051	2 172	1 890	2 829
50 to 69 acres	132	154	748	560	398	207	768
70 to 99 acres	905	818	1 461	831	454	270	1 449
100 to 139 acres	1 558	516	1 097	655	313	165	1 066
140 to 179 acres	1 579	451	849	469	227	129	909
180 to 219 acres	763	270	467	268	127	74	462
220 to 259 acres	584	207	351	170	75	35	293
260 to 499 acres	1 073	343	571	300	117	63	586
500 to 999 acres	253	56	107	35	19	11	131
1,000 to 1,999 acres	11	3	5	–	–	2	16
2,000 acres or more	–	1	–	1	–	–	2
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM							
Oilseed and grain farming (1111)	5 117	1 947	3 673	1 907	1 219	958	6 234
Vegetable and melon farming (1112)	15	10	27	40	49	32	53
Fruit and tree nut farming (1113)	7	3	18	23	15	28	91
Greenhouse, nursery, and floriculture production (1114)	48	26	95	75	67	104	30
Other crop farming (1119)	234	141	410	526	544	591	539
Tobacco farming (11191)	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	234	141	410	526	544	591	539
Beef cattle ranching and farming (112111)	867	569	2 024	2 346	1 700	1 161	754
Cattle feedlots (112112)	336	136	398	297	260	192	37
Dairy cattle and milk production (11212)	163	51	73	7	5	6	3
Hog and pig farming (1122)	440	165	409	228	147	129	57
Poultry and egg production (1123)	7	1	6	15	22	53	93
Sheep and goat farming (1124)	33	21	69	169	295	366	236
Animal aquaculture and other animal production (1125, 1129)	99	54	181	245	254	341	1 103
LIVESTOCK							
Cattle and calves inventory ..... farms..	3 242	1 400	3 810	3 228	2 241	1 490	973
number..	185 478	69 669	156 907	92 783	42 353	19 290	9 505
Farms with—							
1 to 9	216	89	312	423	609	697	758
10 to 49	1 501	745	2 323	2 402	1 540	753	197
50 to 99	1 041	423	995	368	82	36	12
100 to 199	431	135	166	35	8	4	4
200 to 499	53	8	13	–	2	–	2
500 or more	–	–	1	–	–	–	–
Cows and heifers that had calved ..... farms..	2 806	1 206	3 247	2 677	1 816	1 083	620
number..	91 848	36 059	79 850	47 385	21 461	8 916	3 833
Beef cows ..... farms..	2 594	1 143	3 157	2 657	1 778	1 061	601
number..	86 777	34 973	78 486	47 175	21 284	8 823	3 755
Farms with—							
1 to 9	305	104	472	607	780	754	524
10 to 49	1 734	849	2 431	1 995	987	299	72
50 to 99	480	174	235	54	8	8	3
100 to 199	67	15	17	1	3	–	1
200 to 499	8	1	2	–	–	–	1
500 or more	–	–	–	–	–	–	–
Milk cows ..... farms..	289	81	147	64	56	40	32
number..	5 071	1 086	1 364	210	177	93	78
Farms with—							
1 to 4	43	9	45	45	43	34	28
5 to 9	17	14	42	19	11	6	4
10 to 49	223	58	59	–	2	–	–
50 to 99	6	–	1	–	–	–	–
100 to 199	–	–	–	–	–	–	–
200 to 499	–	–	–	–	–	–	–
500 or more	–	–	–	–	–	–	–
Heifers and heifer calves ..... farms..	2 514	1 056	2 869	2 338	1 599	975	647
number..	43 163	14 552	34 904	20 461	9 601	4 807	2 619
Steers, steer calves, bulls, and bull calves ..... farms..	2 879	1 236	3 331	2 759	1 851	1 155	700
number..	50 467	19 058	42 153	24 937	11 291	5 567	3 053

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
LIVESTOCK—Con.							
Cattle and calves sold ..... farms..	38 548	521	1 363	3 863	8 911	6 155	1 731
number..	2 881 122	851 738	430 738	475 916	532 601	245 186	53 411
$1,000..	1 850 796	644 066	310 108	312 387	305 769	125 271	26 145
Calves ..... farms..	13 659	74	213	913	2 734	2 098	645
number..	374 343	15 184	24 013	54 091	99 272	60 389	15 686
$1,000..	104 629	3 826	6 606	14 810	26 458	16 975	4 598
Cattle ..... farms..	31 926	494	1 269	3 501	7 708	5 206	1 413
number..	2 506 779	836 554	406 725	421 825	433 329	184 797	37 725
$1,000..	1 746 167	640 240	303 502	297 577	279 311	108 296	21 547
Fattened on grain and concentrates .... farms..	13 071	390	909	2 101	3 908	2 153	544
number..	1 646 477	705 747	316 529	282 999	226 374	68 147	11 470
$1,000..	1 269 513	550 251	246 894	218 607	170 231	50 071	8 412
Hogs and pigs inventory ..... farms..	17 243	645	1 749	3 782	5 695	2 439	529
number..	14 651 919	4 056 735	3 212 156	3 552 881	2 845 703	654 639	89 361
Farms with—							
1 to 24	1 258	3	7	28	148	164	58
25 to 49	730	1	4	35	137	140	44
50 to 99	1 172	–	10	74	295	262	84
100 to 199	2 040	4	30	180	682	576	162
200 to 499	4 653	22	150	821	2 228	981	161
500 or more	7 390	615	1 548	2 644	2 205	316	20
Used or to be used for breeding ..... farms..	10 708	338	951	2 381	3 752	1 572	352
number..	1 366 141	359 019	269 679	330 376	284 536	83 888	10 321
Other ..... farms..	16 685	641	1 726	3 711	5 559	2 334	498
number..	13 285 778	3 697 716	2 942 477	3 222 505	2 561 167	570 751	79 040
Hogs and pigs sold..... farms..	18 370	656	1 793	3 951	6 096	2 668	576
number..	27 495 818	8 574 213	6 615 628	6 415 069	4 528 777	935 761	134 965
$1,000..	3 029 972	1 012 361	708 278	684 127	488 484	96 681	13 496
Feeder pigs ..... farms..	2 344	83	242	518	736	293	88
number..	4 476 541	1 054 168	1 320 065	1 172 950	680 867	145 006	31 674
$1,000..	178 272	45 634	53 214	41 854	27 482	6 101	1 285
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 .... farms..	11 231	344	972	2 464	3 915	1 686	375
number..	2 167 455	617 907	457 213	534 115	414 033	100 049	12 872
Dec. 1 and May 31..... farms..	10 722	340	958	2 419	3 788	1 579	335
number..	1 082 030	304 869	226 940	268 225	209 650	50 453	6 245
June 1 and Nov. 30 ..... farms..	10 412	336	954	2 368	3 676	1 537	343
number..	1 085 425	313 038	230 273	265 890	204 383	49 596	6 627
Sheep and lambs of all ages inventory..... farms..	4 431	23	84	272	767	616	174
number..	265 305	11 548	25 909	36 422	60 079	34 342	7 419
Ewes 1 year old or older ..... farms..	4 037	18	65	240	705	563	160
number..	138 269	4 718	5 253	13 360	32 110	20 444	4 871
Sheep and lambs sold..... farms..	4 536	23	92	290	801	634	178
number..	319 349	21 330	37 158	62 492	75 549	36 872	6 717
Sheep and lambs shorn ..... farms..	3 945	19	69	250	706	548	152
number..	241 676	12 861	17 700	34 829	64 586	31 032	6 636
pounds of wool..	1 517 411	68 856	86 819	182 606	401 244	208 839	45 503
Horses and ponies inventory ..... farms..	9 636	90	182	556	1 383	1 019	281
number..	60 421	729	1 017	2 830	7 966	6 011	1 689
Horses and ponies sold..... farms..	2 199	11	22	84	248	168	53
number..	9 605	(D)	(D)	460	1 308	1 304	228
Goats inventory ..... farms..	955	2	5	21	78	72	37
number..	12 275	(D)	(D)	392	1 626	1 251	1 070
Goats sold ..... farms..	379	–	1	10	28	37	12
number..	5 043	–	(D)	(D)	440	440	147
POULTRY							
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	1 892	60	32	72	215	209	66
number..	24 876 834	23 023 036	(D)	540 133	(D)	55 047	4 590
Farms with—							
1 to 399	1 714	2	14	49	171	199	64
400 to 3,199	40	–	1	1	10	5	2
3,200 to 9,999.....	31	1	1	5	18	4	–
10,000 to 19,999	22	1	2	4	14	1	–
20,000 to 49,999	20	1	7	11	1	–	–
50,000 to 99,999	19	10	6	2	1	–	–
100,000 or more	46	45	1	–	–	–	–
Layers 20 weeks old and older ..... farms..	1 831	56	31	68	211	201	66
number..	21 509 521	19 951 264	613 480	461 745	397 215	30 181	4 041
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	306	17	4	11	21	46	12
number..	3 367 313	3 071 772	(D)	78 388	(D)	24 866	549
Layers, pullets, and pullet chicks sold (see text)..... farms..	308	45	19	38	56	26	9
number..	18 534 679	15 671 009	1 075 945	795 577	548 124	416 847	(D)
Broilers and other meat-type chickens sold .. farms..	519	6	17	37	89	60	19
number..	6 852 810	1 760 450	2 743 165	1 402 617	685 997	96 995	63 875
Farms with—							
1 to 1,999.....	466	1	7	28	77	57	13
2,000 to 59,999.....	24	–	–	1	6	3	6
60,000 to 99,999	6	–	–	2	4	–	–
100,000 or more	23	5	10	6	2	–	–
Turkey hens kept for breeding ..... farms..	132	1	3	2	12	7	2
number..	25 726	(D)	4	(D)	14 729	26	(D)
Turkeys sold ..... farms..	206	40	31	26	20	9	7
number..	7 279 601	5 336 780	1 321 530	508 023	82 436	15 585	6 509

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—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	$1,000 to $2,499	Less than $1,000
LIVESTOCK—Con.							
Cattle and calves sold ..... farms..	3 289	1 422	3 875	3 295	2 246	1 466	411
number..	96 632	38 861	83 060	46 691	18 308	6 822	1 158
$1,000..	45 689	17 084	35 780	18 810	7 087	2 352	249
Calves ..... farms..	1 268	612	1 654	1 534	1 045	661	208
number..	28 887	13 515	29 922	20 077	8 749	3 701	857
$1,000..	8 893	4 057	9 109	5 942	2 408	838	110
Cattle ..... farms..	2 712	1 137	3 105	2 502	1 640	1 021	218
number..	67 745	25 346	53 138	26 614	9 559	3 121	301
$1,000..	36 797	13 027	26 671	12 867	4 679	1 514	139
Fattened on grain and concentrates .... farms..	893	297	723	511	369	235	38
number..	17 140	4 608	8 306	3 252	1 369	496	40
$1,000..	12 333	3 276	5 910	2 226	944	333	26
Hogs and pigs inventory ..... farms..	761	258	582	351	214	131	107
number..	115 821	39 715	52 542	13 886	4 964	7 973	5 543
Farms with—							
1 to 24	125	53	160	175	133	107	97
25 to 49	80	29	87	96	61	15	1
50 to 99	166	55	148	58	16	2	2
100 to 199	178	71	137	13	4	3	–
200 to 499	189	45	43	8	–	3	2
500 or more	23	5	7	1	–	1	5
Used or to be used for breeding ..... farms..	463	147	379	211	94	41	27
number..	11 879	2 679	7 290	2 298	615	388	3 173
Other ..... farms..	721	241	542	296	198	120	98
number..	103 942	37 036	45 252	11 588	4 349	7 585	2 370
Hogs and pigs sold..... farms..	828	288	660	392	240	168	54
number..	153 570	48 797	61 886	19 310	5 464	2 120	258
$1,000..	14 386	3 805	5 822	1 737	559	209	27
Feeder pigs ..... farms..	113	48	114	67	24	14	4
number..	35 481	11 105	17 688	5 952	1 057	496	32
$1,000..	1 229	475	708	236	37	16	1
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 .... farms..	499	158	406	234	102	47	29
number..	15 559	3 813	8 445	2 399	587	308	155
Dec. 1 and May 31..... farms..	460	146	361	200	78	35	23
number..	7 661	2 023	4 219	1 263	294	108	80
June 1 and Nov. 30 ..... farms..	429	135	332	174	77	35	16
number..	7 898	1 790	4 226	1 136	293	200	75
Sheep and lambs of all ages inventory..... farms..	358	146	398	435	480	443	235
number..	17 617	7 382	19 802	17 006	14 264	9 098	4 417
Ewes 1 year old or older ..... farms..	327	136	367	403	449	405	199
number..	10 929	5 010	11 552	11 653	9 582	5 916	2 871
Sheep and lambs sold..... farms..	368	155	396	441	492	461	205
number..	15 734	7 337	16 974	15 928	13 899	7 603	1 756
Sheep and lambs shorn ..... farms..	322	131	353	392	440	388	175
number..	14 561	6 558	15 594	14 661	12 746	7 223	2 689
pounds of wool..	102 810	47 419	117 479	99 078	88 217	50 050	18 491
Horses and ponies inventory ..... farms..	660	320	913	944	885	870	1 533
number..	4 231	2 079	6 151	6 964	6 323	4 953	9 478
Horses and ponies sold..... farms..	159	80	251	339	310	332	142
number..	709	317	1 363	1 425	886	687	198
Goats inventory ..... farms..	71	28	94	94	130	138	185
number..	2 063	710	944	890	971	913	1 382
Goats sold ..... farms..	27	11	37	47	51	67	51
number..	488	450	464	476	447	460	344
POULTRY							
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	179	69	193	175	203	192	227
number..	22 703	(D)	9 954	11 513	6 727	5 780	4 781
Farms with—							
1 to 399	168	67	189	170	203	191	227
400 to 3,199	10	1	4	5	–	1	–
3,200 to 9,999.....	1	1	–	–	–	–	–
10,000 to 19,999	–	–	–	–	–	–	–
20,000 to 49,999	–	–	–	–	–	–	–
50,000 to 99,999	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–
Layers 20 weeks old and older ..... farms..	172	67	187	167	196	188	221
number..	16 859	2 996	7 749	8 633	6 139	5 037	4 182
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	33	10	28	26	32	27	39
number..	5 844	(D)	2 205	2 880	588	743	599
Layers, pullets, and pullet chicks sold (see text)..... farms..	20	12	22	10	21	16	14
number..	10 898	(D)	2 692	490	794	1 830	278
Broilers and other meat-type chickens sold .. farms..	39	14	44	47	63	48	36
number..	37 523	3 254	10 302	21 089	13 499	11 611	2 433
Farms with—							
1 to 1,999.....	34	14	44	44	63	48	36
2,000 to 59,999.....	5	–	–	3	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–
Turkey hens kept for breeding ..... farms..	13	2	15	14	20	20	21
number..	133	(D)	72	65	85	74	71
Turkeys sold ..... farms..	8	–	10	11	20	17	7
number..	(D)	–	(D)	779	1 189	395	44

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
SELECTED CROPS HARVESTED							
Corn for grain or seed ..... farms..	61 860	837	2 562	8 010	18 209	12 626	3 596
acres..	11 595 308	640 299	1 447 060	3 134 551	3 997 084	1 454 119	283 357
bushels..	1 537 482 128	89 597 117	202 909 296	428 234 014	524 135 581	183 501 808	34 946 289
Irrigated ..... farms..	440	22	55	98	160	56	6
acres..	77 831	7 023	18 155	19 336	25 893	5 285	345
Farms by acres harvested:							
1 to 24 acres	6 289	10	18	50	171	283	139
25 to 99 acres	19 305	45	94	272	1 838	4 723	2 654
100 to 249 acres	20 600	117	370	1 614	9 691	7 317	784
250 to 499 acres	11 229	184	731	3 805	6 177	300	18
500 acres or more	4 437	481	1 349	2 269	332	3	1
Corn for silage or green chop ..... farms..	8 405	256	620	1 543	3 062	1 484	317
acres..	241 549	28 149	34 454	55 127	73 869	28 640	4 747
tons, green..	3 993 158	521 570	580 921	917 258	1 203 650	442 508	67 323
Irrigated ..... farms..	10	1	–	–	6	–	1
acres..	342	(D)	–	–	238	–	(D)
Farms by acres harvested:							
1 to 24 acres	5 276	26	172	702	2 001	1 154	267
25 to 99 acres	2 739	117	339	753	1 010	309	49
100 to 249 acres	341	93	97	81	44	18	1
250 to 499 acres	42	14	12	7	6	3	–
500 acres or more	7	6	–	–	1	–	–
Wheat for grain ..... farms..	719	8	53	133	205	108	31
acres..	22 123	1 043	2 783	3 826	7 359	2 685	909
bushels..	905 333	40 144	118 778	173 140	304 554	113 090	41 337
Irrigated ..... farms..	–	–	–	–	–	–	–
acres..	–	–	–	–	–	–	–
Farms by acres harvested:							
1 to 24 acres	447	2	14	83	111	79	21
25 to 99 acres	235	3	32	43	82	25	8
100 to 249 acres	28	1	6	6	9	2	2
250 to 499 acres	9	2	1	1	3	2	–
500 acres or more	–	–	–	–	–	–	–
Oats for grain ..... farms..	10 823	119	476	1 475	3 554	2 208	529
acres..	211 985	4 093	14 616	35 912	73 170	41 712	9 673
bushels..	14 293 977	316 863	1 079 939	2 606 443	5 098 690	2 708 638	611 152
Irrigated ..... farms..	2	–	–	–	2	–	–
acres..	(D)	–	–	–	(D)	–	–
Farms by acres harvested:							
1 to 24 acres	8 221	62	261	961	2 608	1 728	404
25 to 99 acres	2 496	52	197	492	909	462	123
100 to 249 acres	101	4	17	21	36	17	2
250 to 499 acres	5	1	1	1	1	1	–
500 acres or more	–	–	–	–	–	–	–
Soybeans for beans ..... farms..	56 436	777	2 449	7 618	16 840	11 609	3 279
acres..	9 944 865	504 874	1 215 187	2 718 505	3 458 324	1 254 995	236 780
bushels..	445 574 589	23 999 729	57 249 226	124 838 328	152 811 847	54 011 241	10 126 161
Irrigated ..... farms..	294	10	27	58	113	39	4
acres..	38 664	1 854	7 156	9 301	15 282	3 224	240
Farms by acres harvested:							
1 to 24 acres	5 643	9	29	65	350	399	194
25 to 99 acres	19 323	65	207	609	2 291	4 949	2 518
100 to 249 acres	18 358	173	447	1 748	8 865	5 999	553
250 to 499 acres	9 661	179	695	3 391	5 114	258	14
500 acres or more	3 451	351	1 071	1 805	220	4	–
Potatoes, excluding sweetpotatoes ..... farms..	109	–	4	7	16	7	5
acres..	1 468	–	811	372	201	33	10
cwt..	296 675	–	183 984	57 790	40 362	6 802	790
Irrigated ..... farms..	19	–	2	3	2	–	–
acres..	750	–	(D)	(D)	(D)	–	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ... farms..	37 711	387	1 216	3 690	9 032	6 259	1 688
acres..	1 575 777	42 378	83 331	233 220	459 681	273 811	67 202
tons, dry..	4 365 999	136 437	276 042	719 547	1 369 025	754 761	174 853
Irrigated ..... farms..	85	2	5	7	21	6	1
acres..	1 372	(D)	202	112	292	54	(D)
Farms by acres harvested:							
1 to 24 acres	18 434	102	395	1 287	3 540	2 680	789
25 to 99 acres	15 422	153	570	1 654	4 150	2 926	745
100 to 249 acres	3 472	92	199	644	1 232	597	150
250 to 499 acres	334	28	45	88	99	56	4
500 acres or more	49	12	7	17	11	–	–
Alfalfa hay ..... farms..	31 165	323	1 008	3 202	7 864	5 446	1 460
acres..	1 082 904	28 237	56 131	158 766	328 473	199 161	48 680
tons, dry..	3 406 219	104 941	214 527	553 006	1 102 234	613 555	141 052
Irrigated ..... farms..	65	1	4	6	18	5	1
acres..	913	(D)	102	102	214	52	(D)

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—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	$1,000 to $2,499	Less than $1,000
SELECTED CROPS HARVESTED							
Corn for grain or seed ..... farms..	6 011	2 233	4 067	1 934	979	601	195
acres..	355 989	98 648	130 543	36 682	11 469	4 497	1 010
bushels..	42 492 527	11 503 767	14 645 365	3 859 042	1 144 990	448 221	64 111
Irrigated ..... farms..	20	6	8	3	2	2	2
acres..	1 189	220	133	55	(D)	(D)	(D)
Farms by acres harvested:							
1 to 24 acres	556	356	1 548	1 459	910	594	195
25 to 99 acres	4 850	1 806	2 479	470	68	6	–
100 to 249 acres	589	71	40	5	1	1	–
250 to 499 acres	14	–	–	–	–	–	–
500 acres or more	2	–	–	–	–	–	–
Corn for silage or green chop ..... farms..	499	169	287	99	44	16	9
acres..	8 304	2 259	3 896	1 419	447	116	122
tons, green..	134 731	36 771	58 385	20 791	5 881	1 248	2 121
Irrigated ..... farms..	2	–	–	–	–	–	–
acres..	(D)	–	–	–	–	–	–
Farms by acres harvested:							
1 to 24 acres	406	151	247	85	42	16	7
25 to 99 acres	89	18	38	13	2	–	2
100 to 249 acres	4	–	2	1	–	–	–
250 to 499 acres	–	–	–	–	–	–	–
500 acres or more	–	–	–	–	–	–	–
Wheat for grain ..... farms..	49	24	55	19	14	12	8
acres..	994	444	1 246	386	247	148	53
bushels..	34 463	15 808	40 746	9 777	6 734	4 480	2 282
Irrigated ..... farms..	–	–	–	–	–	–	–
acres..	–	–	–	–	–	–	–
Farms by acres harvested:							
1 to 24 acres	38	16	42	10	11	12	8
25 to 99 acres	10	8	12	9	3	–	–
100 to 249 acres	1	–	1	–	–	–	–
250 to 499 acres	–	–	–	–	–	–	–
500 acres or more	–	–	–	–	–	–	–
Oats for grain ..... farms..	916	319	638	302	150	73	64
acres..	13 826	4 697	8 275	3 288	1 675	631	417
bushels..	831 925	266 158	462 762	174 165	86 256	30 954	20 032
Irrigated ..... farms..	–	–	–	–	–	–	–
acres..	–	–	–	–	–	–	–
Farms by acres harvested:							
1 to 24 acres	784	282	580	282	137	69	63
25 to 99 acres	132	35	57	20	12	4	1
100 to 249 acres	–	2	1	–	1	–	–
250 to 499 acres	–	–	–	–	–	–	–
500 acres or more	–	–	–	–	–	–	–
Soybeans for beans ..... farms..	5 357	1 989	3 569	1 545	797	514	93
acres..	303 209	85 969	118 109	33 299	10 557	4 414	643
bushels..	12 564 939	3 501 663	4 663 650	1 253 293	382 377	158 720	13 415
Irrigated ..... farms..	18	5	10	3	1	4	2
acres..	728	138	478	69	(D)	(D)	(D)
Farms by acres harvested:							
1 to 24 acres	583	350	1 333	1 021	718	500	92
25 to 99 acres	4 307	1 573	2 189	522	79	13	1
100 to 249 acres	458	66	47	2	–	–	–
250 to 499 acres	9	–	–	–	–	1	–
500 acres or more	–	–	–	–	–	–	–
Potatoes, excluding sweetpotatoes ..... farms..	18	3	16	10	10	9	4
acres..	11	5	12	3	6	4	1
cwt..	2 155	340	1 852	432	1 308	715	145
Irrigated ..... farms..	2	–	7	–	1	–	2
acres..	(D)	–	4	–	(D)	–	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ... farms..	3 291	1 428	3 350	2 669	1 910	1 409	1 382
acres..	122 461	48 661	107 315	70 279	33 795	19 479	14 164
tons, dry..	306 718	118 078	245 463	144 783	66 872	33 837	19 583
Irrigated ..... farms..	11	1	3	11	5	3	9
acres..	128	(D)	100	217	28	11	48
Farms by acres harvested:							
1 to 24 acres	1 587	712	1 780	1 625	1 465	1 185	1 287
25 to 99 acres	1 451	629	1 418	983	430	219	94
100 to 249 acres	247	86	144	60	15	5	1
250 to 499 acres	6	1	6	1	–	–	–
500 acres or more	–	–	2	–	–	–	–
Alfalfa hay ..... farms..	2 787	1 200	2 719	2 014	1 363	929	850
acres..	84 844	32 521	68 213	41 468	19 397	9 966	7 047
tons, dry..	236 120	88 749	177 381	97 440	45 457	20 033	11 724
Irrigated ..... farms..	9	–	2	7	4	1	7
acres..	122	–	(D)	149	(D)	(D)	44

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—Con.

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

Item		All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
SELECTED CROPS HARVESTED—Con.								
Vegetables harvested for sale (see text)	farms	786	4	26	58	157	77	24
	acres	12 533	(D)	1 003	3 210	4 302	1 338	(D)
Irrigated	farms	117	1	3	3	22	12	1
	acres	1 476	(D)	95	(D)	485	295	(D)
Farms by acres harvested:								
0.1 to 4.9 acres		477	2	6	27	78	40	14
5.0 to 24.9 acres		180	–	9	7	28	15	7
25.0 to 99.9 acres		99	2	7	13	39	21	3
100.0 to 249.9 acres		26	–	4	8	11	1	–
250.0 acres or more		4	–	–	3	1	–	–
Land in orchards	farms	448	3	4	10	32	40	10
	acres	2 616	(D)	(D)	57	375	298	37
Irrigated	farms	19	–	1	–	–	3	–
	acres	118	–	(D)	–	–	(D)	–
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres		324	2	1	7	21	26	8
5.0 to 24.9 acres		100	–	2	2	5	10	2
25.0 to 99.9 acres		22	1	–	1	6	4	–
100.0 to 249.9 acres		2	–	1	–	–	–	–
250.0 acres or more		–	–	–	–	–	–	–

See footnotes at end of table.

Table 50. **Summary by Market Value of Agricultural Products Sold: 1997**—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	$1,000 to $2,499	Less than $1,000
SELECTED CROPS HARVESTED—Con.								
Vegetables harvested for sale (see text)	farms	63	31	71	87	71	52	65
	acres	843	224	468	370	238	87	91
Irrigated	farms	13	5	21	10	11	5	10
	acres	63	63	89	19	40	5	7
Farms by acres harvested:								
0.1 to 4.9 acres		36	18	37	57	53	48	61
5.0 to 24.9 acres		18	11	30	29	18	4	4
25.0 to 99.9 acres		7	2	4	1	–	–	–
100.0 to 249.9 acres		2	–	–	–	–	–	–
250.0 acres or more		–	–	–	–	–	–	–
Land in orchards	farms	28	10	45	37	41	62	126
	acres	143	54	265	219	107	174	622
Irrigated	farms	3	–	1	3	1	2	5
	acres	(D)	–	(D)	(D)	(D)	(D)	2
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres		18	5	30	22	36	48	100
5.0 to 24.9 acres		9	5	12	14	5	14	20
25.0 to 99.9 acres		1	–	3	1	–	–	5
100.0 to 249.9 acres		–	–	–	–	–	–	1
250.0 acres or more		–	–	–	–	–	–	–

[1]Data are based on a sample of farms.
[2]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 51. **Summary by North American Industry Classification System: 1997**

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

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)
FARMS AND LAND IN FARMS									
Farms ..... number	90 792	53 656	255	203	641	3 871	–	–	3 871
percent	100.0	59.1	.3	.2	.7	4.3	–	–	4.3
Land in farms ..... acres	31 166 699	22 329 587	16 367	9 812	29 876	850 574	–	–	850 574
Average size of farm ..... acres	343	416	64	48	47	220	–	–	220
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text) ..... farms	90 792	53 656	255	203	641	3 871	–	–	3 871
$1,000	11 947 894	5 866 095	7 070	2 615	72 199	200 178	–	–	200 178
Average per farm ..... dollars	131 596	109 328	27 725	12 880	112 635	51 712	–	–	51 712
Farms by value of sales:									
Less than $1,000 (see text)	9 230	6 234	53	91	30	539	–	–	539
$1,000 to $2,499	3 961	958	32	28	104	591	–	–	591
$2,500 to $4,999	4 577	1 219	49	15	67	544	–	–	544
$5,000 to $9,999	5 878	1 907	40	23	75	526	–	–	526
$10,000 to $19,999	7 383	3 673	27	18	95	410	–	–	410
$20,000 to $24,999	3 124	1 947	10	3	26	141	–	–	141
$25,000 to $39,999	7 366	5 117	15	7	48	234	–	–	234
$40,000 to $49,999	4 082	3 100	3	2	21	88	–	–	88
$50,000 to $99,999	13 735	10 125	11	9	63	277	–	–	277
$100,000 to $249,999	19 119	13 127	9	7	53	296	–	–	296
$250,000 to $499,999	8 404	4 996	3	–	28	163	–	–	163
$500,000 to $999,999	2 858	1 101	3	–	17	53	–	–	53
$1,000,000 to $2,499,999	888	148	–	–	9	9	–	–	9
$2,500,000 to $4,999,999	120	4	–	–	3	–	–	–	–
$5,000,000 or more	67	–	–	–	2	–	–	–	–
Grains ..... farms	64 058	47 617	47	6	39	1 708	–	–	1 708
$1,000	6 011 171	5 145 015	1 226	40	680	73 039	–	–	73 039
Sales of $50,000 or more ..... farms	33 199	27 767	7	–	3	434	–	–	434
$1,000	5 378 196	4 693 538	876	–	362	56 780	–	–	56 780
Corn for grain ..... farms	56 466	44 422	29	1	19	1 323	–	–	1 323
$1,000	3 225 141	2 820 176	633	(D)	268	35 273	–	–	35 273
Wheat ..... farms	699	447	3	–	4	25	–	–	25
$1,000	2 936	2 180	(D)	–	30	53	–	–	53
Soybeans ..... farms	56 373	43 675	33	3	25	1 172	–	–	1 172
$1,000	2 765 812	2 310 859	(D)	(D)	374	36 998	–	–	36 998
Sorghum for grain ..... farms	32	26	–	–	–	1	–	–	1
$1,000	121	93	–	–	–	(D)	–	–	(D)
Barley ..... farms	76	38	–	–	–	11	–	–	11
$1,000	178	95	–	–	–	(D)	–	–	(D)
Oats ..... farms	5 638	3 292	4	2	4	358	–	–	358
$1,000	11 024	6 953	(D)	(D)	8	642	–	–	642
Other grains ..... farms	287	181	4	1	–	19	–	–	19
$1,000	5 960	4 659	8	(D)	–	57	–	–	57
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	14 636	7 689	19	10	29	3 183	–	–	3 183
$1,000	88 970	44 101	31	9	70	22 668	–	–	22 668
Sales of $50,000 or more ..... farms	141	53	–	–	–	41	–	–	41
$1,000	12 260	4 125	–	–	–	4 357	–	–	4 357
Vegetables, sweet corn, and melons ..... farms	776	251	249	32	35	69	–	–	69
$1,000	8 568	2 689	4 278	232	183	497	–	–	497
Sales of $50,000 or more ..... farms	40	12	23	1	1	1	–	–	1
$1,000	4 133	973	2 687	(D)	(D)	(D)	–	–	(D)
Fruits, nuts, and berries ..... farms	323	49	41	136	13	30	–	–	30
$1,000	3 627	300	94	2 304	11	648	–	–	648
Sales of $50,000 or more ..... farms	19	–	–	15	–	3	–	–	3
$1,000	2 133	–	–	(D)	–	569	–	–	569
Nursery and greenhouse crops ..... farms	819	67	19	2	641	41	–	–	41
$1,000	73 208	893	54	(D)	71 102	731	–	–	731
Sales of $50,000 or more ..... farms	180	3	–	–	171	4	–	–	4
$1,000	66 888	(D)	–	–	65 938	581	–	–	581
Other crops ..... farms	115	22	32	2	5	21	–	–	21
$1,000	1 725	317	1 191	(D)	5	142	–	–	142
Sales of $50,000 or more ..... farms	9	3	6	–	–	–	–	–	–
$1,000	1 418	255	1 163	–	–	–	–	–	–
Poultry and poultry products ..... farms	1 598	367	11	3	13	91	–	–	91
$1,000	414 429	1 815	6	3	8	253	–	–	253
Sales of $50,000 or more ..... farms	282	10	–	–	–	2	–	–	2
$1,000	412 269	1 219	–	–	–	(D)	–	–	(D)
Dairy products ..... farms	3 958	333	–	–	–	55	–	–	55
$1,000	408 694	15 931	–	–	–	3 325	–	–	3 325
Sales of $50,000 or more ..... farms	2 635	122	–	–	–	24	–	–	24
$1,000	374 552	11 081	–	–	–	2 774	–	–	2 774
Cattle and calves ..... farms	38 548	14 862	9	3	14	1 493	–	–	1 493
$1,000	1 850 796	322 614	47	4	43	48 082	–	–	48 082
Sales of $50,000 or more ..... farms	5 736	1 464	–	–	–	268	–	–	268
$1,000	1 435 407	143 789	–	–	–	32 456	–	–	32 456

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
FARMS AND LAND IN FARMS							
Farms ..... number..	11 392	3 914	2 675	9 388	448	1 251	3 098
percent..	12.5	4.3	2.9	10.3	.5	1.4	3.4
Land in farms ..... acres..	2 182 642	1 488 310	745 821	2 828 344	66 692	60 638	558 036
Average size of farm ..... acres..	192	380	279	301	149	48	180
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... farms..	11 392	3 914	2 675	9 388	448	1 251	3 098
$1,000..	495 179	1 138 911	440 615	3 061 250	424 685	18 663	220 434
Average per farm ..... dollars..	43 467	290 984	164 716	326 081	947 958	14 919	71 154
Farms by value of sales:							
Less than $1,000 (see text)	754	37	3	57	93	236	1 103
$1,000 to $2,499	1 161	192	6	129	53	366	341
$2,500 to $4,999	1 700	260	5	147	22	295	254
$5,000 to $9,999	2 346	297	7	228	15	169	245
$10,000 to $19,999	2 024	398	73	409	6	69	181
$20,000 to $24,999	569	136	51	165	1	21	54
$25,000 to $39,999	867	336	163	440	7	33	99
$40,000 to $49,999	281	128	113	290	5	5	46
$50,000 to $99,999	711	480	577	1 245	12	20	205
$100,000 to $249,999	589	616	1 237	2 796	51	21	317
$250,000 to $499,999	252	448	362	1 948	37	10	157
$500,000 to $999,999	91	331	56	1 081	47	4	74
$1,000,000 to $2,499,999	40	198	21	375	66	2	20
$2,500,000 to $4,999,999	5	39	1	52	14	–	2
$5,000,000 or more	2	18	–	26	19	–	–
Grains ..... farms..	3 320	2 276	1 637	6 206	147	131	924
$1,000..	84 953	150 857	47 870	434 154	12 228	1 263	59 847
Sales of $50,000 or more ..... farms..	461	877	284	2 913	73	8	372
$1,000..	51 962	125 341	24 843	363 808	10 979	640	49 067
Corn for grain ..... farms..	2 485	1 609	1 350	4 287	122	86	733
$1,000..	48 604	66 929	32 248	184 230	6 840	(D)	29 521
Wheat ..... farms..	48	25	19	107	3	2	16
$1,000..	100	144	51	311	(D)	(D)	(D)
Soybeans ..... farms..	2 195	1 826	835	5 641	125	64	779
$1,000..	35 322	83 088	14 949	247 537	5 354	821	29 910
Sorghum for grain ..... farms..	2	1	1	1	–	–	–
$1,000..	(D)	(D)	(D)	(D)	–	–	–
Barley ..... farms..	6	3	11	5	–	–	2
$1,000..	(D)	(D)	39	(D)	–	–	(D)
Oats ..... farms..	338	253	310	868	12	24	173
$1,000..	535	481	550	1 495	(D)	26	306
Other grains ..... farms..	23	17	8	24	–	2	8
$1,000..	378	209	(D)	556	–	(D)	60
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..	1 119	529	235	1 353	41	113	316
$1,000..	5 004	4 801	3 261	7 035	87	169	1 734
Sales of $50,000 or more ..... farms..	9	19	13	4	–	–	2
$1,000..	700	1 473	1 213	(D)	–	–	(D)
Vegetables, sweet corn, and melons ..... farms..	38	11	6	62	5	7	11
$1,000..	61	(D)	(D)	562	31	(D)	(D)
Sales of $50,000 or more ..... farms..	–	–	–	2	–	–	–
$1,000..	–	–	–	(D)	–	–	–
Fruits, nuts, and berries ..... farms..	23	7	3	13	1	1	6
$1,000..	61	(D)	(D)	169	(D)	(D)	(D)
Sales of $50,000 or more ..... farms..	–	–	–	1	–	–	–
$1,000..	–	–	–	(D)	–	–	–
Nursery and greenhouse crops ..... farms..	20	3	–	18	1	1	6
$1,000..	69	(D)	–	306	(D)	(D)	35
Sales of $50,000 or more ..... farms..	–	–	–	2	–	–	–
$1,000..	–	–	–	(D)	–	–	–
Other crops ..... farms..	10	–	7	11	4	–	1
$1,000..	24	–	23	20	(D)	–	(D)
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Poultry and poultry products ..... farms..	194	73	71	188	422	71	94
$1,000..	183	621	82	2 714	406 575	29	2 143
Sales of $50,000 or more ..... farms..	–	1	–	14	245	–	10
$1,000..	–	(D)	–	2 492	405 883	–	2 033
Dairy products ..... farms..	520	31	2 674	218	4	1	122
$1,000..	34 044	1 416	332 365	13 019	(D)	(D)	8 294
Sales of $50,000 or more ..... farms..	256	9	2 066	96	2	1	59
$1,000..	28 024	947	314 794	10 030	(D)	(D)	6 623
Cattle and calves ..... farms..	10 996	3 914	2 663	3 438	58	145	953
$1,000..	342 973	920 249	42 301	116 458	961	734	56 332
Sales of $50,000 or more ..... farms..	1 092	1 927	137	552	6	2	288
$1,000..	236 146	888 260	11 836	77 245	(D)	(D)	45 047

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.									
Total sales (see text)—Con.									
Hogs and pigs ..... farms..	18 370	5 566	2	–	3	702	–	–	702
$1,000..	3 029 972	322 592	(D)	–	(D)	48 748	–	–	48 748
Sales of $50,000 or more ..... farms..	10 657	2 262	1	–	–	321	–	–	321
$1,000..	2 879 196	257 605	(D)	–	–	40 877	–	–	40 877
Sheep, lambs, and wool ..... farms..	4 598	1 739	5	3	12	230	–	–	230
$1,000..	30 214	7 872	6	(D)	(D)	1 391	–	–	1 391
Sales of $50,000 or more ..... farms..	82	11	–	–	–	5	–	–	5
$1,000..	14 572	1 540	–	–	–	540	–	–	540
Other livestock and livestock products (see text) ..... farms..	3 023	559	11	7	16	149	–	–	149
$1,000..	26 520	1 956	(D)	(D)	59	656	–	–	656
Sales of $50,000 or more ..... farms..	76	2	–	–	–	1	–	–	1
$1,000..	14 178	(D)	–	–	–	(D)	–	–	(D)
Value of agricultural products sold directly to individuals for human consumption (see text)..... farms..	2 174	567	179	87	47	122	–	–	122
$1,000..	7 475	1 580	1 385	1 103	285	349	–	–	349
FARM PRODUCTION EXPENSES[1]									
Total farm production expenses ..... farms..	90 786	54 129	291	155	603	3 609	–	–	3 609
$1,000..	8 405 838	3 919 878	3 565	1 236	39 088	145 242	–	–	145 242
Average per farm ..... dollars..	92 590	72 417	12 251	7 974	64 823	40 245	–	–	40 245
Livestock and poultry purchased ..... farms..	30 572	10 513	38	16	44	1 151	–	–	1 151
$1,000..	1 260 448	148 392	15	13	31	22 414	–	–	22 414
Farms with expenses of—									
$1 to $4,999	13 379	5 216	38	16	44	661	–	–	661
$5,000 to $24,999	9 489	3 700	–	–	–	311	–	–	311
$25,000 to $99,999	5 333	1 399	–	–	–	129	–	–	129
$100,000 to $249,999	1 322	178	–	–	–	39	–	–	39
$250,000 or more	1 049	20	–	–	–	11	–	–	11
Feed for livestock and poultry ..... farms..	46 733	17 359	48	24	35	1 704	–	–	1 704
$1,000..	1 585 107	150 553	42	15	28	20 603	–	–	20 603
Farms with expenses of—									
$1 to $4,999	23 264	10 587	48	24	35	1 012	–	–	1 012
$5,000 to $24,999	12 922	5 296	–	–	–	469	–	–	469
$25,000 to $99,999	7 779	1 358	–	–	–	193	–	–	193
$100,000 to $249,999	1 809	109	–	–	–	28	–	–	28
$250,000 or more	959	9	–	–	–	2	–	–	2
Commercially mixed formula feeds ..... farms..	27 617	8 987	38	10	26	1 044	–	–	1 044
$1,000..	854 175	62 528	22	7	14	9 246	–	–	9 246
Farms with expenses of—									
$1 to $4,999	14 923	6 090	38	10	26	659	–	–	659
$5,000 to $24,999	7 904	2 286	–	–	–	280	–	–	280
$25,000 to $99,999	3 560	569	–	–	–	97	–	–	97
$100,000 or more	1 230	42	–	–	–	8	–	–	8
Seeds, bulbs, plants, and trees ..... farms..	68 732	47 671	261	67	421	2 087	–	–	2 087
$1,000..	488 961	377 873	329	49	5 301	7 604	–	–	7 604
Farms with expenses of—									
$1 to $999	12 228	5 858	179	48	221	958	–	–	958
$1,000 to $4,999	24 804	17 206	71	18	84	624	–	–	624
$5,000 to $24,999	28 798	22 322	8	1	77	470	–	–	470
$25,000 to $49,999	2 462	1 938	3	–	19	29	–	–	29
$50,000 or more	440	347	–	–	20	6	–	–	6
Commercial fertilizer ..... farms..	65 626	44 598	247	64	316	2 160	–	–	2 160
$1,000..	636 785	493 928	278	32	638	10 378	–	–	10 378
Farms with expenses of—									
$1 to $4,999	29 645	17 132	244	64	296	1 604	–	–	1 604
$5,000 to $24,999	30 385	22 895	–	–	14	496	–	–	496
$25,000 to $49,999	4 432	3 610	1	–	5	44	–	–	44
$50,000 or more	1 164	961	2	–	1	16	–	–	16
Agricultural chemicals ..... farms..	64 489	44 126	204	107	431	1 889	–	–	1 889
$1,000..	521 566	414 268	289	133	388	8 168	–	–	8 168
Farms with expenses of—									
$1 to $4,999	33 739	19 811	193	97	418	1 410	–	–	1 410
$5,000 to $24,999	26 795	21 081	8	10	9	428	–	–	428
$25,000 to $49,999	3 191	2 601	2	–	3	38	–	–	38
$50,000 or more	764	633	1	–	1	13	–	–	13
Petroleum products ..... farms..	84 456	50 354	258	148	580	3 387	–	–	3 387
$1,000..	350 799	215 560	189	79	3 319	7 558	–	–	7 558
Farms with expenses of—									
$1 to $4,999	61 749	35 806	255	147	475	2 918	–	–	2 918
$5,000 to $24,999	21 538	13 951	1	1	85	450	–	–	450
$25,000 to $49,999	966	538	2	–	9	13	–	–	13
$50,000 or more	203	59	–	–	11	6	–	–	6
Gasoline and gasohol ..... farms..	70 591	40 928	258	136	502	2 866	–	–	2 866
$1,000..	83 552	48 790	89	48	653	2 491	–	–	2 491
Diesel fuel ..... farms..	65 871	42 872	66	53	252	2 035	–	–	2 035
$1,000..	151 144	100 937	64	18	244	2 809	–	–	2 809
Natural gas ..... farms..	4 094	2 460	1	6	79	108	–	–	108
$1,000..	9 805	4 588	(D)	(D)	1 298	355	–	–	355
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	71 329	44 161	109	82	411	2 231	–	–	2 231
$1,000..	106 298	61 245	(D)	(D)	1 125	1 904	–	–	1 904

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.							
Total sales (see text)—Con.							
Hogs and pigs ..... farms..	711	668	408	9 378	39	46	847
$1,000..	25 304	60 033	14 374	2 483 322	4 198	1 072	70 171
Sales of $50,000 or more ..... farms..	152	288	97	7 070	25	5	436
$1,000..	18 995	53 686	8 930	2 433 133	4 027	(D)	60 916
Sheep, lambs, and wool ..... farms..	520	170	65	500	30	1 159	165
$1,000..	1 312	701	112	3 030	323	14 197	1 253
Sales of $50,000 or more ..... farms..	2	1	–	13	2	45	3
$1,000..	(D)	(D)	–	1 351	(D)	9 870	(D)
Other livestock and livestock products (see text) ..... farms..	389	74	74	211	25	171	1 337
$1,000..	1 191	190	215	463	(D)	(D)	20 600
Sales of $50,000 or more ..... farms..	2	1	–	–	–	4	66
$1,000..	(D)	(D)	–	–	–	303	13 122
Value of agricultural products sold directly to individuals for human consumption (see text)..... farms..	312	227	110	311	54	70	88
$1,000..	481	575	550	719	49	65	333
FARM PRODUCTION EXPENSES[1]							
Total farm production expenses ..... farms..	11 591	3 785	2 778	9 162	481	1 177	3 025
$1,000..	389 256	918 626	306 368	2 143 591	358 291	17 167	163 531
Average per farm ..... dollars..	33 583	242 702	110 284	233 965	744 887	14 585	54 060
Livestock and poultry purchased ..... farms..	4 921	3 048	1 335	7 346	386	535	1 239
$1,000..	97 206	450 096	18 351	434 086	48 058	4 584	37 202
Farms with expenses of—							
$1 to $4,999	3 000	740	584	1 965	165	445	505
$5,000 to $24,999	1 316	790	544	2 315	52	57	404
$25,000 to $99,999	450	760	188	2 072	62	24	249
$100,000 to $249,999	86	310	16	570	62	4	57
$250,000 or more	69	448	3	424	45	5	24
Feed for livestock and poultry ..... farms..	8 938	3 606	2 701	8 807	402	928	2 181
$1,000..	78 183	173 442	93 824	800 623	228 220	3 870	35 702
Farms with expenses of—							
$1 to $4,999	6 736	1 402	289	890	182	776	1 283
$5,000 to $24,999	1 667	1 297	1 039	2 455	24	132	543
$25,000 to $99,999	429	507	1 255	3 708	31	15	283
$100,000 to $249,999	76	233	98	1 186	22	4	53
$250,000 or more	30	167	20	568	143	1	19
Commercially mixed formula feeds ..... farms..	4 664	2 360	2 487	5 800	401	548	1 252
$1,000..	28 706	56 805	44 016	431 553	204 696	1 816	14 768
Farms with expenses of—							
$1 to $4,999	3 650	1 203	673	1 119	182	480	793
$5,000 to $24,999	835	768	1 250	2 086	25	63	311
$25,000 to $99,999	140	269	523	1 809	32	2	119
$100,000 or more	39	120	41	786	162	3	29
Seeds, bulbs, plants, and trees ..... farms..	4 886	2 760	2 470	6 646	157	221	1 085
$1,000..	10 424	20 438	10 493	49 356	1 006	224	5 865
Farms with expenses of—							
$1 to $999	2 769	481	311	811	59	181	352
$1,000 to $4,999	1 542	969	1 412	2 453	32	32	361
$5,000 to $24,999	540	1 166	725	3 094	56	7	332
$25,000 to $49,999	33	126	21	250	9	1	33
$50,000 or more	2	18	1	38	1	–	7
Commercial fertilizer ..... farms..	5 316	2 749	2 334	6 203	147	287	1 205
$1,000..	17 314	28 954	15 129	60 912	860	328	8 034
Farms with expenses of—							
$1 to $4,999	4 373	1 203	1 186	2 477	95	263	708
$5,000 to $24,999	862	1 271	1 099	3 250	44	23	431
$25,000 to $49,999	65	212	39	392	7	1	56
$50,000 or more	16	63	10	84	1	–	10
Agricultural chemicals ..... farms..	5 128	2 604	2 252	6 098	129	324	1 197
$1,000..	11 149	21 828	9 245	48 368	835	264	6 630
Farms with expenses of—							
$1 to $4,999	4 558	1 413	1 632	2 992	73	309	833
$5,000 to $24,999	518	1 014	596	2 766	46	14	305
$25,000 to $49,999	44	128	23	290	9	1	52
$50,000 or more	8	49	1	50	1	–	7
Petroleum products ..... farms..	10 628	3 652	2 743	8 925	385	965	2 431
$1,000..	17 232	18 816	14 096	61 661	5 396	547	6 347
Farms with expenses of—							
$1 to $4,999	9 910	2 446	1 670	4 889	242	960	2 031
$5,000 to $24,999	691	1 111	1 045	3 727	90	5	381
$25,000 to $49,999	22	76	26	238	25	–	17
$50,000 or more	5	19	2	71	28	–	2
Gasoline and gasohol ..... farms..	9 090	3 170	2 550	7 722	368	830	2 171
$1,000..	6 917	5 040	4 242	12 553	598	268	1 863
Diesel fuel ..... farms..	6 210	2 925	2 474	7 182	193	298	1 311
$1,000..	6 139	8 964	6 074	22 509	799	114	2 474
Natural gas ..... farms..	278	177	236	565	45	37	102
$1,000..	207	370	323	1 620	906	19	116
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	7 593	3 293	2 650	8 249	312	533	1 705
$1,000..	3 969	4 442	3 457	24 980	3 092	145	1 895

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)
FARM PRODUCTION EXPENSES[1]—Con.									
Total farm production expenses—Con.									
Electricity ..... farms..	73 232	42 724	145	97	457	2 535	–	–	2 535
$1,000..	127 679	58 589	111	82	1 121	2 680	–	–	2 680
Farms with expenses of—									
$1 to $999	36 803	21 623	131	65	293	1 687	–	–	1 687
$1,000 to $4,999	32 280	19 799	12	31	115	790	–	–	790
$5,000 to $24,999	3 929	1 289	1	1	41	57	–	–	57
$25,000 to $49,999	151	12	1	–	5	1	–	–	1
$50,000 or more	69	1	–	–	3	–	–	–	–
Hired farm labor ..... farms..	33 016	18 850	106	42	304	1 156	–	–	1 156
$1,000..	316 779	114 396	608	147	14 461	5 380	–	–	5 380
Farms with expenses of—									
$1 to $4,999	23 586	13 904	84	40	146	920	–	–	920
$5,000 to $24,999	6 689	3 842	19	1	48	185	–	–	185
$25,000 to $99,999	2 315	1 018	1	1	75	45	–	–	45
$100,000 to $249,999	328	80	2	–	21	5	–	–	5
$250,000 or more	98	6	–	–	14	1	–	–	1
Workers by days worked:									
150 days or more ..... farms..	10 990	5 577	9	2	154	350	–	–	350
workers..	20 517	7 885	(D)	(D)	826	492	–	–	492
Less than 150 days ..... farms..	29 661	17 060	106	42	299	1 069	–	–	1 069
workers..	73 630	36 968	591	174	2 306	2 489	–	–	2 489
Contract labor ..... farms..	6 152	3 414	13	16	68	223	–	–	223
$1,000..	24 905	9 742	18	48	344	399	–	–	399
Farms with expenses of—									
$1 to $999	2 512	1 385	7	6	35	124	–	–	124
$1,000 to $4,999	2 713	1 593	6	9	26	81	–	–	81
$5,000 to $24,999	812	407	–	1	4	17	–	–	17
$25,000 to $49,999	63	19	–	–	2	1	–	–	1
$50,000 or more	52	10	–	–	1	–	–	–	–
Repair and maintenance ..... farms..	78 128	46 425	248	116	536	2 823	–	–	2 823
$1,000..	504 525	303 573	437	201	2 884	10 326	–	–	10 326
Farms with expenses of—									
$1 to $4,999	46 146	25 677	234	102	395	2 221	–	–	2 221
$5,000 to $24,999	29 129	19 264	12	14	123	555	–	–	555
$25,000 to $49,999	2 300	1 254	1	–	10	38	–	–	38
$50,000 or more	553	230	1	–	8	9	–	–	9
Customwork, machine hire, and rental of machinery and equipment ..... farms..	43 788	26 956	54	27	104	1 535	–	–	1 535
$1,000..	168 101	111 204	84	6	232	3 008	–	–	3 008
Farms with expenses of—									
$1 to $999	15 486	8 197	42	26	71	828	–	–	828
$1,000 to $4,999	19 166	12 346	9	1	24	550	–	–	550
$5,000 to $24,999	8 471	5 959	3	–	8	151	–	–	151
$25,000 to $49,999	468	333	–	–	–	5	–	–	5
$50,000 or more	197	121	–	–	1	1	–	–	1
Interest ..... farms..	55 257	33 759	92	21	321	1 808	–	–	1 808
$1,000..	600 284	347 356	251	28	2 187	13 137	–	–	13 137
Farms with expenses of—									
$1 to $4,999	26 319	15 016	90	19	217	1 129	–	–	1 129
$5,000 to $24,999	23 038	15 302	1	2	81	572	–	–	572
$25,000 to $99,999	5 631	3 360	1	–	22	104	–	–	104
$100,000 or more	269	81	–	–	1	3	–	–	3
Secured by real estate ..... farms..	36 993	21 877	70	16	246	1 335	–	–	1 335
$1,000..	347 061	205 468	214	16	1 519	8 028	–	–	8 028
Farms with expenses of—									
$1 to $999	4 105	1 850	8	14	72	221	–	–	221
$1,000 to $4,999	13 186	7 430	61	1	95	600	–	–	600
$5,000 to $24,999	16 914	10 981	–	1	70	463	–	–	463
$25,000 to $49,999	2 216	1 354	–	–	8	45	–	–	45
$50,000 or more	572	262	1	–	1	6	–	–	6
Not secured by real estate ..... farms..	36 242	22 967	24	6	167	1 016	–	–	1 016
$1,000..	253 223	141 888	37	12	668	5 109	–	–	5 109
Farms with expenses of—									
$1 to $999	8 257	4 506	21	5	59	259	–	–	259
$1,000 to $4,999	14 030	9 357	1	–	59	512	–	–	512
$5,000 to $24,999	12 220	8 299	2	1	46	198	–	–	198
$25,000 to $49,999	1 249	624	–	–	2	39	–	–	39
$50,000 or more	486	181	–	–	1	8	–	–	8
Cash rent ..... farms..	36 892	25 450	51	3	52	938	–	–	938
$1,000..	866 955	655 120	184	3	434	14 228	–	–	14 228
Farms with expenses of—									
$1 to $4,999	9 782	5 118	49	3	43	433	–	–	433
$5,000 to $9,999	5 578	3 918	–	–	2	78	–	–	78
$10,000 to $24,999	10 588	7 770	1	–	1	266	–	–	266
$25,000 or more	10 944	8 644	1	–	6	161	–	–	161
Property taxes ..... farms..	79 236	45 992	248	150	564	3 384	–	–	3 384
$1,000..	242 120	156 569	299	186	1 131	6 845	–	–	6 845
Farms with expenses of—									
$1 to $4,999	65 405	36 468	246	149	518	3 128	–	–	3 128
$5,000 to $9,999	10 244	7 019	–	1	32	202	–	–	202
$10,000 to $24,999	3 273	2 291	1	–	9	49	–	–	49
$25,000 or more	314	214	1	–	5	5	–	–	5
All other farm production expenses ..... farms..	85 922	51 377	267	132	585	3 118	–	–	3 118
$1,000..	710 824	362 753	431	213	6 589	12 516	–	–	12 516
Farms with expenses of—									
$1 to $4,999	53 161	30 396	257	123	440	2 498	–	–	2 498
$5,000 to $24,999	27 377	18 295	8	8	112	520	–	–	520
$25,000 to $49,999	3 592	2 016	–	–	10	77	–	–	77
$50,000 to $99,999	1 297	564	2	1	8	17	–	–	17
$100,000 or more	495	106	–	–	15	6	–	–	6

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
FARM PRODUCTION EXPENSES[1]—Con.							
Total farm production expenses—Con.							
Electricity ..... farms..	9 010	3 471	2 748	8 573	380	971	2 121
$1,000..	7 658	7 288	10 127	31 931	4 327	540	3 226
Farms with expenses of—							
$1 to $999	6 797	1 434	272	2 263	151	793	1 294
$1,000 to $4,999	2 057	1 749	1 910	4 793	106	176	742
$5,000 to $24,999	153	272	559	1 384	89	2	81
$25,000 to $49,999	3	14	6	92	14	–	3
$50,000 or more	–	2	1	41	20	–	1
Hired farm labor ..... farms..	3 096	1 697	1 602	4 791	222	344	806
$1,000..	10 747	21 858	15 987	105 012	21 433	226	6 523
Farms with expenses of—							
$1 to $4,999	2 717	1 002	991	2 776	88	331	587
$5,000 to $24,999	288	454	464	1 163	51	12	162
$25,000 to $99,999	78	209	124	668	46	1	49
$100,000 to $249,999	11	25	19	138	21	–	6
$250,000 or more	2	7	4	46	16	–	2
Workers by days worked:							
150 days or more ..... farms..	861	751	718	2 108	108	83	269
workers..	1 207	1 651	1 582	5 131	1 148	84	470
Less than 150 days ..... farms..	2 899	1 404	1 330	4 167	198	344	743
workers..	5 998	3 988	3 734	12 465	2 179	800	1 938
Contract labor ..... farms..	717	261	220	820	81	92	227
$1,000..	1 100	935	908	7 307	3 317	90	698
Farms with expenses of—							
$1 to $999	430	98	51	180	19	62	115
$1,000 to $4,999	246	125	109	398	14	30	76
$5,000 to $24,999	39	32	58	193	27	–	34
$25,000 to $49,999	2	3	2	24	9	–	1
$50,000 or more	–	3	–	25	12	–	1
Repair and maintenance ..... farms..	9 584	3 501	2 721	8 579	352	955	2 288
$1,000..	28 695	29 940	25 135	86 701	5 432	1 340	9 861
Farms with expenses of—							
$1 to $4,999	8 045	1 840	962	3 870	194	888	1 718
$5,000 to $24,999	1 459	1 396	1 614	3 980	120	66	526
$25,000 to $49,999	63	203	125	555	20	1	30
$50,000 or more	17	62	20	174	18	–	14
Customwork, machine hire, and rental of machinery and equipment..... farms..	4 759	2 027	1 844	5 004	125	322	1 031
$1,000..	8 071	8 399	7 637	26 095	1 014	283	2 066
Farms with expenses of—							
$1 to $999	2 746	736	363	1 574	51	249	603
$1,000 to $4,999	1 654	874	966	2 304	45	67	326
$5,000 to $24,999	345	367	497	1 015	23	6	97
$25,000 to $49,999	11	38	13	63	2	–	3
$50,000 or more	3	12	5	48	4	–	2
Interest ..... farms..	5 390	2 407	2 106	7 051	285	416	1 601
$1,000..	28 592	39 145	25 210	121 875	8 957	1 617	11 929
Farms with expenses of—							
$1 to $4,999	3 935	1 025	748	2 665	114	319	1 042
$5,000 to $24,999	1 279	951	1 101	3 136	83	94	436
$25,000 to $99,999	164	379	251	1 157	73	3	117
$100,000 or more	12	52	6	93	15	–	6
Secured by real estate ..... farms..	3 654	1 580	1 463	5 020	221	329	1 182
$1,000..	17 761	18 210	16 438	65 625	5 312	1 122	7 348
Farms with expenses of—							
$1 to $999	798	164	95	459	43	97	284
$1,000 to $4,999	1 789	549	341	1 599	50	148	523
$5,000 to $24,999	979	686	873	2 370	78	83	330
$25,000 to $49,999	67	112	136	437	24	1	32
$50,000 or more	21	69	18	155	26	–	13
Not secured by real estate ..... farms..	3 099	1 636	1 387	4 749	140	223	828
$1,000..	10 831	20 935	8 772	56 250	3 645	495	4 581
Farms with expenses of—							
$1 to $999	1 414	371	309	828	30	123	332
$1,000 to $4,999	1 182	436	481	1 648	26	81	247
$5,000 to $24,999	439	597	550	1 809	46	17	216
$25,000 to $49,999	47	145	37	307	23	2	23
$50,000 or more	17	87	10	157	15	–	10
Cash rent ..... farms..	2 541	1 499	1 273	4 093	89	203	700
$1,000..	15 559	35 729	15 408	117 257	2 043	581	10 410
Farms with expenses of—							
$1 to $4,999	1 790	474	449	859	30	172	362
$5,000 to $9,999	304	236	288	642	7	16	87
$10,000 to $24,999	328	333	411	1 306	24	15	133
$25,000 or more	119	456	125	1 286	28	–	118
Property taxes ..... farms..	10 550	3 483	2 389	8 174	454	1 064	2 784
$1,000..	20 118	13 107	8 165	27 172	1 856	1 139	5 533
Farms with expenses of—							
$1 to $4,999	9 809	2 697	1 946	6 497	359	1 039	2 549
$5,000 to $9,999	631	520	379	1 215	47	24	174
$10,000 to $24,999	100	242	61	427	35	–	58
$25,000 or more	10	24	3	35	13	1	3
All other farm production expenses ..... farms..	10 805	3 684	2 771	9 073	420	1 015	2 675
$1,000..	37 208	48 650	36 651	165 235	25 539	1 533	13 506
Farms with expenses of—							
$1 to $4,999	9 359	2 062	809	3 946	255	960	2 056
$5,000 to $24,999	1 241	1 219	1 624	3 714	68	52	516
$25,000 to $49,999	146	215	251	777	34	2	64
$50,000 to $99,999	40	117	76	410	31	1	30
$100,000 or more	19	71	11	226	32	–	9

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)[1]									
All farms ..... number..	90 786	54 129	291	155	603	3 609	–	–	3 609
$1,000..	2 969 179	1 737 271	1 060	202	30 018	34 198	–	–	34 198
Average per farm ..... dollars..	32 705	32 095	3 641	1 301	49 781	9 476	–	–	9 476
Farms with net gains[2] ..... number..	60 033	38 717	149	65	435	1 917	–	–	1 917
Average net gain ..... dollars..	54 248	48 221	10 394	10 753	71 483	23 114	–	–	23 114
Gain of—									
Less than $1,000	2 958	1 167	18	14	54	253	–	–	253
$1,000 to $9,999	14 355	8 214	86	28	136	826	–	–	826
$10,000 to $49,999	23 955	16 968	43	20	156	605	–	–	605
$50,000 or more	18 765	12 368	2	3	89	233	–	–	233
Farms with net losses ..... number..	30 753	15 412	142	90	168	1 692	–	–	1 692
Average net loss ..... dollars..	9 348	8 417	3 444	5 526	6 409	5 976	–	–	5 976
Loss of—									
Less than $1,000	4 252	2 043	47	20	28	349	–	–	349
$1,000 to $9,999	19 376	9 726	86	55	102	1 101	–	–	1 101
$10,000 to $49,999	6 564	3 394	9	15	38	232	–	–	232
$50,000 or more	561	249	–	–	–	10	–	–	10
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME									
Government payments ..... farms..	67 795	46 187	78	63	139	2 395	–	–	2 395
$1,000..	536 924	390 092	263	252	418	14 047	–	–	14 047
Other farm-related income[1] ..... farms..	39 905	25 143	78	32	109	1 346	–	–	1 346
$1,000..	260 021	164 470	679	60	788	6 157	–	–	6 157
Customwork and other agricultural services ..... farms..	10 656	7 268	23	6	25	301	–	–	301
$1,000..	86 843	60 831	255	(D)	76	1 584	–	–	1 584
Gross cash rent or share payments ..... farms..	11 241	6 060	47	24	51	568	–	–	568
$1,000..	134 239	78 863	419	54	641	3 540	–	–	3 540
Forest products, excluding Christmas trees and maple products ..... farms..	774	297	–	2	23	55	–	–	55
$1,000..	4 037	1 945	–	(D)	54	424	–	–	424
Other farm-related income sources ..... farms..	28 494	18 771	16	9	47	758	–	–	758
$1,000..	34 902	22 831	5	4	17	609	–	–	609
COMMODITY CREDIT CORPORATION LOANS									
Total ..... farms..	12 999	9 577	1	–	–	244	–	–	244
$1,000..	508 209	411 164	(D)	–	–	7 413	–	–	7 413
Corn ..... farms..	11 532	8 420	1	–	–	210	–	–	210
$1,000..	313 831	247 317	(D)	–	–	4 461	–	–	4 461
Wheat ..... farms..	14	11	–	–	–	–	–	–	–
$1,000..	17	16	–	–	–	–	–	–	–
Soybeans ..... farms..	6 070	4 923	1	–	–	103	–	–	103
$1,000..	194 281	163 797	(D)	–	–	2 945	–	–	2 945
Sorghum, barley, and oats ..... farms..	92	33	–	–	–	7	–	–	7
$1,000..	79	35	–	–	–	6	–	–	6
Cotton ..... farms..	–	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms..	–	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–	–
Peanuts, rice, and tobacco ..... farms..	–	–	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–	–	–
LAND IN FARMS ACCORDING TO USE									
Total cropland ..... farms..	83 375	52 521	255	203	641	3 871	–	–	3 871
acres..	26 821 844	19 966 729	12 385	5 562	16 840	658 401	–	–	658 401
Harvested cropland ..... farms..	74 951	47 758	255	203	641	3 871	–	–	3 871
acres..	23 323 249	17 957 005	9 916	2 134	12 067	489 207	–	–	489 207
Farms by acres harvested:									
1 to 49 acres	15 222	5 165	224	196	597	2 174	–	–	2 174
50 to 99 acres	8 807	5 332	10	5	16	568	–	–	568
100 to 199 acres	14 539	9 801	9	2	18	440	–	–	440
200 to 499 acres	21 216	15 124	7	–	7	446	–	–	446
500 to 999 acres	11 290	9 044	3	–	3	186	–	–	186
1,000 to 1,999 acres	3 429	2 904	2	–	–	50	–	–	50
2,000 acres or more	448	388	–	–	–	7	–	–	7
Cropland:									
Pasture or grazing only ..... farms..	28 797	13 473	26	28	42	1 515	–	–	1 515
acres..	2 001 198	961 268	440	848	983	99 238	–	–	99 238
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms..	12 494	8 686	38	27	63	576	–	–	576
acres..	672 119	471 000	801	804	1 691	31 228	–	–	31 228
On which all crops failed ..... farms..	1 188	834	16	2	10	54	–	–	54
acres..	41 542	32 145	133	(D)	(D)	1 072	–	–	1 072
In cultivated summer fallow ..... farms..	665	353	4	3	4	37	–	–	37
acres..	32 353	17 744	8	(D)	(D)	1 836	–	–	1 836
Idle ..... farms..	12 221	8 412	46	39	91	565	–	–	565
acres..	751 383	527 567	1 087	1 739	1 860	35 820	–	–	35 820
Total woodland ..... farms..	22 516	11 586	62	80	207	1 414	–	–	1 414
acres..	1 315 257	674 662	1 538	2 697	7 533	76 652	–	–	76 652
Woodland pastured ..... farms..	11 335	4 615	11	14	24	637	–	–	637
acres..	633 367	256 277	425	270	751	31 543	–	–	31 543
Woodland not pastured ..... farms..	15 072	8 583	53	71	197	998	–	–	998
acres..	681 890	418 385	1 113	2 427	6 782	45 109	–	–	45 109

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)[1]							
All farms ..... number..	11 591	3 785	2 778	9 162	481	1 177	3 025
$1,000..	61 413	177 430	124 983	709 870	57 107	1 007	34 621
Average per farm ..... dollars..	5 298	46 877	44 990	77 480	118 726	856	11 445
Farms with net gains[2] ..... number..	5 139	2 329	2 409	7 271	213	388	1 001
Average net gain ..... dollars..	20 116	85 506	54 336	104 333	306 820	10 813	50 392
Gain of—							
Less than $1,000	777	156	30	177	40	159	113
$1,000 to $9,999	2 709	525	213	1 180	32	155	251
$10,000 to $49,999	1 258	884	1 199	2 377	41	59	345
$50,000 or more	395	764	967	3 537	100	15	292
Farms with net losses ..... number..	6 452	1 456	369	1 891	268	789	2 024
Average net loss ..... dollars..	6 504	14 913	16 023	25 773	30 766	4 041	7 817
Loss of—							
Less than $1,000	983	103	19	239	51	168	202
$1,000 to $9,999	4 316	844	180	901	138	549	1 378
$10,000 to $49,999	1 127	440	155	629	49	71	405
$50,000 or more	26	69	15	122	30	1	39
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME							
Government payments ..... farms..	5 974	2 675	1 926	6 261	204	388	1 505
$1,000..	30 429	24 386	10 363	52 645	3 946	1 200	8 882
Other farm-related income[1] ..... farms..	4 269	1 777	1 634	4 147	99	318	953
$1,000..	29 258	16 910	6 724	27 253	1 137	1 788	4 798
Customwork and other agricultural services ..... farms..	582	426	386	1 387	18	35	199
$1,000..	2 842	4 787	2 031	12 595	673	(D)	1 110
Gross cash rent or share payments ..... farms..	2 352	599	179	788	56	135	382
$1,000..	24 465	10 417	1 878	8 996	326	1 659	2 981
Forest products, excluding Christmas trees and maple products ..... farms..	183	30	57	65	–	12	50
$1,000..	629	106	414	221	–	(D)	236
Other farm-related income sources ..... farms..	2 240	1 366	1 460	3 120	40	182	485
$1,000..	1 322	1 600	2 401	5 441	138	63	471
COMMODITY CREDIT CORPORATION LOANS							
Total ..... farms..	420	441	432	1 648	28	5	203
$1,000..	7 612	16 724	5 489	53 094	1 096	(D)	5 520
Corn ..... farms..	381	406	420	1 474	26	5	189
$1,000..	5 392	11 541	4 680	35 635	633	(D)	4 117
Wheat ..... farms..	2	–	–	–	–	–	1
$1,000..	(D)	–	–	–	–	–	(D)
Soybeans ..... farms..	115	152	59	630	16	3	68
$1,000..	2 217	5 180	807	17 433	463	(D)	1 399
Sorghum, barley, and oats ..... farms..	5	6	19	19	–	–	3
$1,000..	(D)	3	2	26	–	–	(D)
Cotton ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
Peanuts, rice, and tobacco ..... farms..	–	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–	–
LAND IN FARMS ACCORDING TO USE							
Total cropland ..... farms..	8 981	3 349	2 540	7 576	295	844	2 299
acres..	1 395 624	1 184 461	586 577	2 488 773	52 159	31 896	422 437
Harvested cropland ..... farms..	7 111	3 072	2 478	7 177	213	535	1 637
acres..	721 338	982 817	499 598	2 268 694	44 567	13 797	322 109
Farms by acres harvested:							
1 to 49 acres	3 734	629	197	941	93	486	786
50 to 99 acres	1 336	332	392	663	23	25	105
100 to 199 acres	1 068	555	938	1 476	26	10	196
200 to 499 acres	739	932	847	2 701	44	12	357
500 to 999 acres	194	464	92	1 131	20	1	152
1,000 to 1,999 acres	38	140	12	239	7	1	36
2,000 acres or more	2	20	–	26	–	–	5
Cropland:							
Pasture or grazing only ..... farms..	5 878	1 769	1 573	2 525	81	515	1 372
acres..	493 522	153 641	69 300	141 139	3 579	9 615	67 625
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms..	1 210	360	191	939	39	83	282
acres..	88 155	20 189	5 976	33 520	1 692	3 422	13 641
On which all crops failed ..... farms..	104	31	25	65	4	5	38
acres..	3 620	1 121	533	1 463	(D)	(D)	1 028
In cultivated summer fallow ..... farms..	96	32	52	66	3	2	13
acres..	3 106	1 699	3 956	3 056	(D)	(D)	726
Idle ..... farms..	1 191	331	162	881	53	107	343
acres..	85 883	24 994	7 214	40 901	1 993	5 017	17 308
Total woodland ..... farms..	3 954	1 031	1 121	1 689	86	296	990
acres..	247 312	81 122	76 149	88 539	4 293	8 049	46 711
Woodland pastured ..... farms..	2 874	711	802	881	32	160	574
acres..	168 572	52 333	47 789	45 318	1 141	4 084	24 864
Woodland not pastured ..... farms..	1 974	564	680	1 119	64	169	600
acres..	78 740	28 789	28 360	43 221	3 152	3 965	21 847

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)
LAND IN FARMS ACCORDING TO USE—Con.									
Pastureland and rangeland other than cropland and woodland pastured..... farms..	18 756	8 409	23	19	50	875	–	–	875
acres..	1 440 627	631 189	513	325	1 209	62 352	–	–	62 352
Land in house lots, ponds, roads, wasteland, etc. ..... farms..	61 890	35 182	177	141	395	2 798	–	–	2 798
acres..	1 588 971	1 057 007	1 931	1 228	4 294	53 169	–	–	53 169
Irrigated land ..... farms..	957	482	70	30	210	37	–	–	37
acres..	124 983	106 016	3 456	201	1 689	1 108	–	–	1 108
Harvested cropland irrigated ..... farms..	930	465	70	30	209	36	–	–	36
acres..	123 084	104 579	(D)	201	1 686	(D)	–	–	(D)
Pasture and other land irrigated ..... farms..	35	21	1	–	3	1	–	–	1
acres..	1 899	1 437	(D)	–	3	(D)	–	–	(D)
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms..	24 137	16 385	30	49	69	1 193	–	–	1 193
acres..	1 707 901	1 160 202	1 358	2 421	2 537	88 929	–	–	88 929
VALUE OF LAND AND BUILDINGS[1]									
Estimated market value of land and buildings..... farms..	90 786	54 129	291	155	603	3 609	–	–	3 609
$1,000..	51 438 152	37 767 641	31 549	22 234	130 935	1 104 415	–	–	1 104 415
Average per farm .....dollars..	566 587	697 734	108 417	143 444	217 139	306 017	–	–	306 017
Average per acre .....dollars..	1 697	1 728	2 719	2 904	4 876	1 409	–	–	1 409
Farms by value group:									
$1 to $39,999	6 863	2 108	90	40	112	337	–	–	337
$40,000 to $69,999	6 204	2 340	52	21	87	473	–	–	473
$70,000 to $99,999	5 997	2 554	54	18	61	415	–	–	415
$100,000 to $149,999	8 505	3 855	55	29	103	597	–	–	597
$150,000 to $199,999	6 673	3 729	7	22	70	382	–	–	382
$200,000 to $499,999	24 213	15 045	30	23	121	799	–	–	799
$500,000 to $999,999	17 252	12 543	–	1	33	398	–	–	398
$1,000,000 to $1,999,999.....	10 795	8 562	1	–	6	142	–	–	142
$2,000,000 to $4,999,999.....	3 899	3 095	2	1	10	61	–	–	61
$5,000,000 or more	385	298	–	–	–	5	–	–	5
VALUE OF MACHINERY AND EQUIPMENT[1]									
Estimated market value of all machinery and equipment ..... farms..	90 747	54 097	291	155	603	3 609	–	–	3 609
$1,000..	7 318 851	5 054 535	5 864	5 155	34 263	165 562	–	–	165 562
Farms by value group:									
$1 to $4,999	5 590	2 399	60	15	91	404	–	–	404
$5,000 to $9,999	8 201	3 801	62	34	92	455	–	–	455
$10,000 to $19,999	13 192	6 202	109	25	94	842	–	–	842
$20,000 to $49,999	21 194	12 200	48	41	154	865	–	–	865
$50,000 to $99,999	17 049	11 261	9	21	112	578	–	–	578
$100,000 to $199,999	15 110	10 630	–	19	22	291	–	–	291
$200,000 to $499,999	9 363	6 846	1	–	25	155	–	–	155
$500,000 or more.....	1 048	758	2	–	13	19	–	–	19
SELECTED MACHINERY AND EQUIPMENT[1]									
Motortrucks, including pickups..... farms..	83 941	50 376	249	121	536	3 184	–	–	3 184
number..	147 779	91 979	363	177	1 178	4 988	–	–	4 988
Wheel tractors..... farms..	84 736	51 343	250	129	510	3 455	–	–	3 455
number..	255 019	164 499	537	293	1 027	8 650	–	–	8 650
Less than 40 horsepower (PTO) ..... farms..	38 074	23 105	179	84	324	1 629	–	–	1 629
number..	59 853	37 218	284	128	511	2 599	–	–	2 599
40 horsepower (PTO) or more ..... farms..	76 722	47 841	169	93	332	2 860	–	–	2 860
number..	195 166	127 281	253	165	516	6 051	–	–	6 051
40 to 99 horsepower (PTO) ..... farms..	63 516	38 314	162	77	291	2 485	–	–	2 485
number..	108 644	65 423	226	105	403	4 063	–	–	4 063
100 horsepower (PTO) or more..... farms..	49 966	35 164	17	40	92	1 325	–	–	1 325
number..	86 522	61 858	27	60	113	1 988	–	–	1 988
Grain and bean combines..... farms..	42 979	31 988	23	7	18	986	–	–	986
number..	46 717	34 960	24	7	18	1 094	–	–	1 094
Cotton pickers and strippers..... farms..	–	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–	–
Mower conditioners ..... farms..	24 751	11 528	39	39	48	1 553	–	–	1 553
number..	26 324	12 269	39	39	52	1 668	–	–	1 668
Pickup balers..... farms..	28 853	14 003	8	17	27	1 761	–	–	1 761
number..	34 622	16 503	8	17	27	2 156	–	–	2 156
AGRICULTURAL CHEMICALS[1]									
Commercial fertilizer ..... farms..	65 495	44 567	223	64	276	2 157	–	–	2 157
acres on which used..	14 473 220	11 151 839	4 522	425	4 122	260 685	–	–	260 685
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops ..... farms..	24 957	15 581	143	82	176	820	–	–	820
acres on which used..	3 241 067	2 207 874	2 024	991	1 632	69 679	–	–	69 679
Nematodes in crops..... farms..	1 426	848	9	–	3	24	–	–	24
acres on which used..	175 517	118 646	9	–	(D)	1 931	–	–	1 931
Diseases in crops and orchards..... farms..	1 122	665	72	73	92	14	–	–	14
acres on which used..	131 187	105 366	872	559	544	1 501	–	–	1 501
Weeds, grass, or brush in crops and pasture ..... farms..	53 909	38 281	152	44	255	1 490	–	–	1 490
acres on which used..	16 674 094	13 485 033	4 234	355	3 810	263 273	–	–	263 273
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms..	43	19	1	7	13	–	–	–	–
acres on which used..	1 594	931	(D)	82	23	–	–	–	–

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
LAND IN FARMS ACCORDING TO USE—Con.							
Pastureland and rangeland other than cropland and woodland pastured ..... farms	4 248	1 208	807	1 584	63	464	1 006
acres	386 805	145 209	49 114	98 031	1 968	12 203	51 709
Land in house lots, ponds, roads, wasteland, etc. ..... farms	7 754	2 795	1 903	7 139	370	916	2 320
acres	152 901	77 518	33 981	153 001	8 272	8 490	37 179
Irrigated land ..... farms	29	20	8	57	1	2	11
acres	1 412	3 428	187	7 068	(D)	(D)	407
Harvested cropland irrigated ..... farms	24	20	8	56	1	1	10
acres	(D)	3 428	187	(D)	(D)	(D)	(D)
Pasture and other land irrigated ..... farms	5	–	–	2	–	1	1
acres	(D)	–	–	(D)	–	(D)	(D)
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms	2 891	762	364	1 433	68	211	682
acres	244 520	58 136	18 511	74 872	5 020	10 617	40 778
VALUE OF LAND AND BUILDINGS[1]							
Estimated market value of land and buildings ..... farms	11 591	3 785	2 778	9 162	481	1 177	3 025
$1,000	2 490 750	2 286 135	1 114 422	5 216 740	216 062	136 480	920 790
Average per farm ..... dollars	214 887	603 999	401 160	569 389	449 193	115 956	304 393
Average per acre ..... dollars	1 164	1 552	1 515	1 974	3 005	2 337	1 833
Farms by value group:							
$1 to $39,999	1 893	312	113	929	102	355	472
$40,000 to $69,999	1 474	261	99	697	60	216	424
$70,000 to $99,999	1 477	275	100	488	42	152	361
$100,000 to $149,999	1 966	332	238	685	52	215	378
$150,000 to $199,999	1 135	184	214	520	23	96	291
$200,000 to $499,999	2 635	1 036	1 285	2 401	84	117	637
$500,000 to $999,999	704	716	569	1 920	60	22	286
$1,000,000 to $1,999,999	219	443	130	1 128	40	2	122
$2,000,000 to $4,999,999	75	200	29	363	14	–	49
$5,000,000 or more	13	26	1	31	4	2	5
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ..... farms	11 584	3 785	2 778	9 162	481	1 177	3 025
$1,000	365 368	357 815	249 167	871 601	50 841	21 299	137 382
Farms by value group:							
$1 to $4,999	1 292	140	27	315	77	336	434
$5,000 to $9,999	1 971	238	96	729	54	255	414
$10,000 to $19,999	2 920	645	161	1 088	83	294	729
$20,000 to $49,999	3 406	874	645	1 912	72	219	758
$50,000 to $99,999	1 237	603	868	1 951	70	44	295
$100,000 to $199,999	537	711	739	1 866	59	26	210
$200,000 to $499,999	201	502	216	1 194	52	1	170
$500,000 or more	20	72	26	107	14	2	15
SELECTED MACHINERY AND EQUIPMENT[1]							
Motortrucks, including pickups ..... farms	10 338	3 644	2 648	8 808	397	1 031	2 609
number	15 039	6 690	3 981	16 866	950	1 365	4 203
Wheel tractors ..... farms	10 582	3 500	2 569	8 324	408	1 013	2 653
number	24 769	12 221	9 273	24 972	1 064	1 845	5 869
Less than 40 horsepower (PTO) ..... farms	4 807	1 418	988	3 402	218	625	1 295
number	7 441	2 263	1 534	4 882	329	909	1 755
40 horsepower (PTO) or more ..... farms	9 099	3 262	2 493	7 669	339	592	1 973
number	17 328	9 958	7 739	20 090	735	936	4 114
40 to 99 horsepower (PTO) ..... farms	7 973	2 937	2 253	6 428	298	526	1 772
number	12 787	5 771	4 739	11 094	469	772	2 792
100 horsepower (PTO) or more ..... farms	3 339	2 075	1 744	5 102	140	127	801
number	4 541	4 187	3 000	8 996	266	164	1 322
Grain and bean combines ..... farms	2 010	1 752	1 199	4 286	115	49	546
number	2 155	1 861	1 247	4 574	121	67	589
Cotton pickers and strippers ..... farms	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–
Mower conditioners ..... farms	4 092	1 829	2 209	2 375	62	168	809
number	4 346	1 957	2 329	2 515	62	169	879
Pickup balers ..... farms	4 618	1 810	2 102	3 265	61	237	944
number	5 711	2 251	2 741	3 808	62	262	1 076
AGRICULTURAL CHEMICALS[1]							
Commercial fertilizer ..... farms	5 303	2 748	2 334	6 198	146	276	1 203
acres on which used	499 056	661 789	325 014	1 333 989	21 997	7 983	201 799
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms	1 427	1 422	1 571	3 137	33	71	494
acres on which used	106 530	238 212	157 032	386 718	6 054	1 319	63 002
Nematodes in crops ..... farms	107	64	139	189	2	13	28
acres on which used	6 293	14 440	10 089	20 707	(D)	300	2 951
Diseases in crops and orchards ..... farms	36	40	33	68	–	8	21
acres on which used	2 884	7 692	2 065	6 547	–	240	2 917
Weeds, grass, or brush in crops and pasture ..... farms	3 619	2 096	1 712	5 070	98	193	899
acres on which used	338 804	654 618	210 181	1 492 775	26 590	10 829	183 592
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms	–	1	–	1	–	–	1
acres on which used	–	(D)	–	(D)	–	–	(D)

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item		Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
							Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)
TENURE AND RACE OF OPERATOR										
All operators		90 792	53 656	255	203	641	3 871	–	–	3 871
Full owners		42 902	21 501	165	179	527	2 589	–	–	2 589
Part owners		32 996	21 723	52	17	58	952	–	–	952
Tenants		14 894	10 432	38	7	56	330	–	–	330
White		90 669	53 586	249	202	639	3 866	–	–	3 866
Full owners		42 830	21 458	162	178	525	2 585	–	–	2 585
Part owners		32 961	21 703	50	17	58	951	–	–	951
Tenants		14 878	10 425	37	7	56	330	–	–	330
Black and other races		123	70	6	1	2	5	–	–	5
Full owners		72	43	3	1	2	4	–	–	4
Part owners		35	20	2	–	–	1	–	–	1
Tenants		16	7	1	–	–	–	–	–	–
OWNED AND RENTED LAND										
Land owned	farms	76 916	44 060	218	196	585	3 560	–	–	3 560
	acres	16 795 890	10 780 281	17 315	12 745	31 251	595 190	–	–	595 190
Owned land in farms	farms	75 898	43 224	217	196	585	3 541	–	–	3 541
	acres	14 354 684	9 367 306	10 797	9 440	22 900	512 140	–	–	512 140
Land rented or leased from others	farms	48 208	32 311	92	24	116	1 291	–	–	1 291
	acres	16 988 397	13 083 715	7 644	372	7 264	341 253	–	–	341 253
	landlords	120 737	87 553	183	25	183	2 924	–	–	2 924
Rented or leased land in farms	farms	47 890	32 155	90	24	114	1 282	–	–	1 282
	acres	16 812 015	12 962 281	5 570	372	6 976	338 434	–	–	338 434
Land rented or leased to others	farms	16 229	8 875	57	40	95	742	–	–	742
	acres	2 617 588	1 534 409	8 592	3 305	8 639	85 869	–	–	85 869
OPERATOR CHARACTERISTICS										
Operators by place of residence:										
On farm operated		66 661	36 930	191	163	417	2 971	–	–	2 971
Not on farm operated		19 439	13 930	59	34	191	729	–	–	729
Not reported		4 692	2 796	5	6	33	171	–	–	171
Operators by principal occupation:										
Farming		56 256	34 836	100	57	218	1 727	–	–	1 727
Other		34 536	18 820	155	146	423	2 144	–	–	2 144
Operators by days worked off farm:										
None		40 767	24 681	91	67	231	1 357	–	–	1 357
Any		45 408	26 208	161	133	394	2 349	–	–	2 349
1 to 99 days		9 726	6 411	28	15	53	358	–	–	358
100 to 199 days		7 009	4 363	29	11	61	325	–	–	325
200 days or more		28 673	15 434	104	107	280	1 666	–	–	1 666
Not reported		4 617	2 767	3	3	16	165	–	–	165
Operators by years on present farm:										
2 years or less		3 505	1 817	15	9	22	163	–	–	163
3 or 4 years		4 287	2 098	25	12	31	267	–	–	267
5 to 9 years		10 433	5 175	42	37	110	575	–	–	575
10 years or more		60 710	37 580	150	125	407	2 385	–	–	2 385
Average years on present farm		22.3	23.5	17.3	17.2	17.1	21.0	–	–	21.0
Not reported		11 857	6 986	23	20	71	481	–	–	481
Operators by age group:										
Under 25 years		1 468	802	4	2	3	42	–	–	42
25 to 34 years		7 554	3 863	8	5	18	271	–	–	271
35 to 44 years		20 841	11 495	61	42	164	796	–	–	796
45 to 49 years		11 388	6 768	53	31	109	522	–	–	522
50 to 54 years		10 125	6 025	25	21	104	459	–	–	459
55 to 59 years		9 798	5 954	23	21	77	412	–	–	412
60 to 64 years		9 402	5 999	19	16	58	380	–	–	380
65 to 69 years		7 812	4 916	22	25	54	345	–	–	345
70 years and over		12 404	7 834	40	40	54	644	–	–	644
Average age		52.4	53.2	53.1	55.8	52.4	53.9	–	–	53.9
Operators by sex:										
Male		86 174	51 044	228	189	562	3 575	–	–	3 575
Female		4 618	2 612	27	14	79	296	–	–	296
Operators of Spanish, Hispanic, or Latino origin (see text)		343	203	–	–	4	14	–	–	14
FARMS BY TYPE OF ORGANIZATION										
Individual or family (sole proprietorship)	farms	75 880	44 486	234	174	483	3 451	–	–	3 451
	acres	23 526 085	17 000 467	10 502	6 557	20 530	675 774	–	–	675 774
Partnership	farms	8 231	4 822	10	15	57	277	–	–	277
	acres	3 373 783	2 233 661	(D)	(D)	1 183	92 391	–	–	92 391
Corporation:										
Family held	farms	5 733	3 784	8	11	88	109	–	–	109
	acres	3 992 642	2 921 097	3 811	2 383	7 254	75 402	–	–	75 402
More than 10 stockholders	farms	104	74	–	–	–	2	–	–	2
10 or less stockholders	farms	5 629	3 710	8	11	88	107	–	–	107
Other than family held	farms	395	186	–	1	10	10	–	–	10
	acres	126 835	70 589	–	(D)	(D)	2 341	–	–	2 341
More than 10 stockholders	farms	64	32	–	–	2	–	–	–	–
10 or less stockholders	farms	331	154	–	1	8	10	–	–	10
Other—cooperative, estate or trust, institutional, etc.	farms	553	378	3	2	3	24	–	–	24
	acres	147 354	103 773	(D)	(D)	(D)	4 666	–	–	4 666

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
TENURE AND RACE OF OPERATOR							
All operators	11 392	3 914	2 675	9 388	448	1 251	3 098
Full owners	7 466	1 955	1 038	4 066	330	968	2 118
Part owners	2 693	1 481	1 143	3 910	80	165	722
Tenants	1 233	478	494	1 412	38	118	258
White	11 376	3 913	2 673	9 377	446	1 250	3 092
Full owners	7 459	1 954	1 036	4 062	330	967	2 114
Part owners	2 689	1 481	1 143	3 905	78	165	721
Tenants	1 228	478	494	1 410	38	118	257
Black and other races	16	1	2	11	2	1	6
Full owners	7	1	2	4	–	1	4
Part owners	4	–	–	5	2	–	1
Tenants	5	–	–	2	–	–	1
OWNED AND RENTED LAND							
Land owned farms	10 229	3 457	2 187	8 025	411	1 136	2 852
acres	2 031 808	987 056	463 090	1 362 969	46 846	79 342	387 997
Owned land in farms farms	10 159	3 436	2 181	7 976	410	1 133	2 840
acres	1 529 009	833 561	440 540	1 219 512	36 452	49 220	323 807
Land rented or leased from others farms	4 005	1 986	1 639	5 343	119	291	991
acres	678 207	661 396	308 888	1 620 110	30 622	12 111	236 815
landlords	7 127	4 536	3 079	12 330	241	449	2 107
Rented or leased land in farms farms	3 926	1 959	1 637	5 322	118	283	980
acres	653 633	654 749	305 281	1 608 832	30 240	11 418	234 229
Land rented or leased to others farms	3 339	793	195	1 131	97	280	585
acres	527 373	160 142	26 157	154 735	10 776	30 815	66 776
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	8 619	3 253	2 407	7 767	332	1 040	2 571
Not on farm operated	2 095	519	175	1 148	83	141	335
Not reported	678	142	93	473	33	70	192
Operators by principal occupation:							
Farming	5 395	2 741	2 503	6 874	245	287	1 273
Other	5 997	1 173	172	2 514	203	964	1 825
Operators by days worked off farm:							
None	3 975	2 091	2 031	4 847	177	222	997
Any	6 765	1 621	510	4 080	241	975	1 971
1 to 99 days	894	363	225	1 046	41	74	218
100 to 199 days	950	221	87	598	23	106	235
200 days or more	4 921	1 037	198	2 436	177	795	1 518
Not reported	652	202	134	461	30	54	130
Operators by years on present farm:							
2 years or less	531	135	118	428	31	67	169
3 or 4 years	697	163	114	532	37	103	208
5 to 9 years	1 573	407	299	1 416	51	221	527
10 years or more	6 951	2 702	1 834	5 908	249	674	1 745
Average years on present farm	22.0	24.5	21.2	19.1	16.8	17.2	17.9
Not reported	1 640	507	310	1 104	80	186	449
Operators by age group:							
Under 25 years	188	76	45	247	6	25	28
25 to 34 years	930	311	344	1 405	32	114	253
35 to 44 years	2 231	917	833	3 085	115	312	790
45 to 49 years	1 183	427	359	1 235	82	181	438
50 to 54 years	1 192	406	277	938	49	181	448
55 to 59 years	1 207	437	302	806	61	130	368
60 to 64 years	1 122	428	214	742	39	96	289
65 to 69 years	1 152	370	143	470	29	84	202
70 years and over	2 187	542	158	460	35	128	282
Average age	54.4	52.7	47.7	46.3	50.2	50.4	50.9
Operators by sex:							
Male	10 661	3 778	2 611	9 163	415	1 154	2 794
Female	731	136	64	225	33	97	304
Operators of Spanish, Hispanic, or Latino origin (see text)	48	18	7	33	3	1	12
FARMS BY TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) farms	10 139	3 189	2 130	7 334	310	1 178	2 772
acres	1 796 866	980 529	550 682	1 979 172	33 950	55 950	415 106
Partnership farms	960	393	425	977	48	54	193
acres	250 142	221 051	139 707	338 455	11 361	3 094	80 336
Corporation:							
Family held farms	212	296	107	928	75	11	104
acres	106 600	248 761	51 939	493 354	21 046	1 323	59 672
More than 10 stockholders farms	8	5	2	10	2	–	1
10 or less stockholders farms	204	291	105	918	73	11	103
Other than family held farms	18	19	3	119	14	2	13
acres	12 251	31 540	1 716	6 600	(D)	(D)	457
More than 10 stockholders farms	2	1	2	19	4	–	2
10 or less stockholders farms	16	18	1	100	10	2	11
Other—cooperative, estate or trust, institutional, etc. farms	63	17	10	30	1	6	16
acres	16 783	6 429	1 777	10 763	(D)	(D)	2 465

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)
INJURIES AND DEATHS									
Farm-related injuries:									
Operator and family members ..... farms..	1 131	520	3	–	3	65	–	–	65
number..	1 314	594	3	–	3	67	–	–	67
Hired workers ..... farms..	346	103	3	1	18	10	–	–	10
number..	604	127	5	(D)	51	16	–	–	16
Farm-related deaths:									
Operator and family members ..... farms..	30	18	–	–	–	1	–	–	1
number..	30	(D)	–	–	–	(D)	–	–	(D)
Hired workers ..... farms..	6	2	–	–	–	–	–	–	–
number..	6	(D)	–	–	–	–	–	–	–
FARMS BY SIZE									
1 to 9 acres	5 049	382	85	55	246	121	–	–	121
10 to 49 acres	11 580	4 087	108	92	260	1 076	–	–	1 076
50 to 69 acres	3 183	1 547	12	10	30	231	–	–	231
70 to 99 acres	6 718	4 074	12	22	23	408	–	–	408
100 to 139 acres	6 517	3 942	8	9	23	356	–	–	356
140 to 179 acres	8 107	5 313	10	8	15	297	–	–	297
180 to 219 acres	5 265	3 222	4	3	8	212	–	–	212
220 to 259 acres	5 093	3 202	3	2	8	189	–	–	189
260 to 499 acres	18 560	12 300	7	1	19	531	–	–	531
500 to 999 acres	14 833	10 907	4	–	9	331	–	–	331
1,000 to 1,999 acres	5 114	4 061	2	1	–	103	–	–	103
2,000 acres or more	773	619	–	–	–	16	–	–	16
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM									
Oilseed and grain farming (1111)	53 656	53 656	–	–	–	–	–	–	–
Vegetable and melon farming (1112)	255	–	255	–	–	–	–	–	–
Fruit and tree nut farming (1113)	203	–	–	203	–	–	–	–	–
Greenhouse, nursery, and floriculture production (1114)	641	–	–	–	641	–	–	–	–
Other crop farming (1119)	3 871	–	–	–	–	3 871	–	–	3 871
Tobacco farming (11191)	–	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	3 871	–	–	–	–	3 871	–	–	3 871
Beef cattle ranching and farming (112111)	11 392	–	–	–	–	–	–	–	–
Cattle feedlots (112112)	3 914	–	–	–	–	–	–	–	–
Dairy cattle and milk production (11212)	2 675	–	–	–	–	–	–	–	–
Hog and pig farming (1122)	9 388	–	–	–	–	–	–	–	–
Poultry and egg production (1123)	448	–	–	–	–	–	–	–	–
Sheep and goat farming (1124)	1 251	–	–	–	–	–	–	–	–
Animal aquaculture and other animal production (1125, 1129)	3 098	–	–	–	–	–	–	–	–
LIVESTOCK									
Cattle and calves inventory ..... farms..	38 435	14 825	16	9	20	1 534	–	–	1 534
number..	3 647 129	1 069 068	270	52	280	111 132	–	–	111 132
Farms with—									
1 to 9	3 947	1 249	11	7	10	221	–	–	221
10 to 49	15 149	6 364	2	2	10	605	–	–	605
50 to 99	8 960	3 885	3	–	–	342	–	–	342
100 to 199	6 468	2 393	–	–	–	248	–	–	248
200 to 499	3 085	851	–	–	–	106	–	–	106
500 or more	826	83	–	–	–	12	–	–	12
Cows and heifers that had calved ..... farms..	30 804	12 249	9	2	12	1 193	–	–	1 193
number..	1 251 314	460 337	(D)	(D)	150	42 856	–	–	42 856
Beef cows ..... farms..	27 452	11 989	9	2	12	1 139	–	–	1 139
number..	1 029 172	449 037	(D)	(D)	150	40 610	–	–	40 610
Farms with—									
1 to 9	4 760	1 637	5	2	5	237	–	–	237
10 to 49	16 051	7 353	4	–	7	632	–	–	632
50 to 99	4 747	2 248	–	–	–	198	–	–	198
100 to 199	1 556	642	–	–	–	59	–	–	59
200 to 499	310	99	–	–	–	13	–	–	13
500 or more	28	10	–	–	–	–	–	–	–
Milk cows ..... farms..	4 208	393	–	–	–	81	–	–	81
number..	222 142	11 300	–	–	–	2 246	–	–	2 246
Farms with—									
1 to 4	332	72	–	–	–	33	–	–	33
5 to 9	156	31	–	–	–	7	–	–	7
10 to 49	1 861	215	–	–	–	25	–	–	25
50 to 99	1 418	64	–	–	–	10	–	–	10
100 to 199	353	10	–	–	–	5	–	–	5
200 to 499	80	1	–	–	–	1	–	–	1
500 or more	8	–	–	–	–	–	–	–	–
Heifers and heifer calves ..... farms..	28 885	11 027	11	4	11	1 148	–	–	1 148
number..	1 026 132	256 477	81	17	74	30 398	–	–	30 398
Steers, steer calves, bulls, and bull calves ..... farms..	33 184	13 128	15	7	13	1 287	–	–	1 287
number..	1 369 683	352 254	(D)	(D)	56	37 878	–	–	37 878

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
INJURIES AND DEATHS							
Farm-related injuries:							
Operator and family members ..... farms..	110	72	104	189	7	6	52
number..	125	86	135	222	8	13	58
Hired workers ..... farms..	11	21	29	119	17	2	12
number..	12	24	36	230	86	(D)	12
Farm-related deaths:							
Operator and family members ..... farms..	3	5	–	3	–	–	–
number..	(D)	(D)	–	(D)	–	–	–
Hired workers ..... farms..	–	–	–	4	–	–	–
number..	–	–	–	(D)	–	–	–
FARMS BY SIZE							
1 to 9 acres	1 115	389	52	1 596	145	355	508
10 to 49 acres	2 467	524	120	1 052	126	576	1 092
50 to 69 acres	725	120	66	181	15	75	171
70 to 99 acres	1 159	183	119	396	21	84	217
100 to 139 acres	1 101	222	218	423	20	55	140
140 to 179 acres	1 006	242	347	684	21	33	131
180 to 219 acres	711	196	324	465	10	21	89
220 to 259 acres	570	207	292	505	13	20	82
260 to 499 acres	1 555	798	827	2 134	40	22	326
500 to 999 acres	762	729	276	1 539	24	8	244
1,000 to 1,999 acres	191	256	31	368	11	2	88
2,000 acres or more	30	48	3	45	2	–	10
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM							
Oilseed and grain farming (1111)	–	–	–	–	–	–	–
Vegetable and melon farming (1112)	–	–	–	–	–	–	–
Fruit and tree nut farming (1113)	–	–	–	–	–	–	–
Greenhouse, nursery, and floriculture production (1114)	–	–	–	–	–	–	–
Other crop farming (1119)	–	–	–	–	–	–	–
Tobacco farming (11191)	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	–	–	–	–	–	–	–
Beef cattle ranching and farming (112111)	11 392	–	–	–	–	–	–
Cattle feedlots (112112)	–	3 914	–	–	–	–	–
Dairy cattle and milk production (11212)	–	–	2 675	–	–	–	–
Hog and pig farming (1122)	–	–	–	9 388	–	–	–
Poultry and egg production (1123)	–	–	–	–	448	–	–
Sheep and goat farming (1124)	–	–	–	–	–	1 251	–
Animal aquaculture and other animal production (1125, 1129)	–	–	–	–	–	–	3 098
LIVESTOCK							
Cattle and calves inventory ..... farms..	10 819	3 729	2 669	3 481	86	208	1 039
number..	775 935	922 564	351 611	276 971	3 698	3 569	131 979
Farms with—							
1 to 9	1 310	323	15	476	39	134	152
10 to 49	5 343	915	389	1 252	27	59	181
50 to 99	2 195	632	781	850	12	10	250
100 to 199	1 240	647	1 075	595	4	4	262
200 to 499	582	743	367	274	3	1	158
500 or more	149	469	42	34	1	–	36
Cows and heifers that had calved ..... farms..	9 129	2 091	2 658	2 507	52	126	776
number..	319 669	105 987	180 723	98 354	1 490	1 456	40 167
Beef cows ..... farms..	8 776	2 067	321	2 311	42	119	665
number..	299 149	104 885	8 355	90 415	1 373	1 409	33 664
Farms with—							
1 to 9	1 872	320	88	398	15	76	105
10 to 49	5 192	1 063	180	1 275	20	39	286
50 to 99	1 176	423	43	466	3	3	187
100 to 199	426	196	9	147	3	1	73
200 to 499	98	61	1	23	1	–	14
500 or more	12	4	–	2	–	–	–
Milk cows ..... farms..	613	49	2 653	256	13	10	140
number..	20 520	1 102	172 368	7 939	117	47	6 503
Farms with—							
1 to 4	130	16	11	37	9	8	16
5 to 9	52	5	27	24	2	1	7
10 to 49	263	20	1 122	134	2	1	79
50 to 99	137	7	1 115	53	–	–	32
100 to 199	30	1	297	8	–	–	2
200 to 499	1	–	74	–	–	–	3
500 or more	–	–	7	–	–	–	1
Heifers and heifer calves ..... farms..	8 130	2 606	2 512	2 440	57	137	802
number..	204 454	299 037	119 251	75 963	1 030	931	38 419
Steers, steer calves, bulls, and bull calves ..... farms..	9 299	3 376	1 969	2 971	63	153	903
number..	251 812	517 540	51 637	102 654	1 178	1 182	53 393

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)
LIVESTOCK—Con.									
Cattle and calves sold ..... farms..	38 548	14 862	9	3	14	1 493	–	–	1 493
number..	2 881 122	587 567	66	10	97	77 477	–	–	77 477
$1,000..	1 850 796	322 614	47	4	43	48 082	–	–	48 082
Calves ..... farms..	13 659	4 780	2	2	5	516	–	–	516
number..	374 343	129 665	(D)	(D)	43	11 122	–	–	11 122
$1,000..	104 629	38 886	(D)	(D)	17	3 423	–	–	3 423
Cattle ..... farms..	31 926	12 153	9	2	11	1 227	–	–	1 227
number..	2 506 779	457 902	(D)	(D)	54	66 355	–	–	66 355
$1,000..	1 746 167	283 727	(D)	(D)	26	44 659	–	–	44 659
Fattened on grain and concentrates .... farms..	13 071	5 048	5	–	1	518	–	–	518
number..	1 646 477	215 403	(D)	–	(D)	40 843	–	–	40 843
$1,000..	1 269 513	162 807	(D)	–	(D)	31 308	–	–	31 308
Hogs and pigs inventory ..... farms..	17 243	5 065	2	1	2	650	–	–	650
number..	14 651 919	1 904 547	(D)	(D)	(D)	198 576	–	–	198 576
Farms with—									
1 to 24	1 258	432	1	1	1	67	–	–	67
25 to 49	730	271	–	–	–	37	–	–	37
50 to 99	1 172	505	–	–	–	70	–	–	70
100 to 199	2 040	854	–	–	1	123	–	–	123
200 to 499	4 653	1 723	–	–	–	232	–	–	232
500 or more	7 390	1 280	1	–	–	121	–	–	121
Used or to be used for breeding ..... farms..	10 708	3 013	2	–	–	442	–	–	442
number..	1 366 141	173 203	(D)	–	–	20 923	–	–	20 923
Other ..... farms..	16 685	4 897	2	1	2	626	–	–	626
number..	13 285 778	1 731 344	(D)	(D)	(D)	177 653	–	–	177 653
Hogs and pigs sold..... farms..	18 370	5 566	2	–	3	702	–	–	702
number..	27 495 818	2 910 854	(D)	–	(D)	412 004	–	–	412 004
$1,000..	3 029 972	322 592	(D)	–	(D)	48 748	–	–	48 748
Feeder pigs ..... farms..	2 344	543	–	–	–	58	–	–	58
number..	4 476 541	344 862	–	–	–	25 811	–	–	25 811
$1,000..	178 272	14 264	–	–	–	1 063	–	–	1 063
Litters of pigs farrowed between—									
Dec. 1 of preceding year and Nov. 30 .... farms..	11 231	3 240	2	–	–	470	–	–	470
number..	2 167 455	248 618	(D)	–	–	31 657	–	–	31 657
Dec. 1 and May 31..... farms..	10 722	3 012	1	–	–	450	–	–	450
number..	1 082 030	126 017	(D)	–	–	16 557	–	–	16 557
June 1 and Nov. 30 ..... farms..	10 412	2 903	2	–	–	415	–	–	415
number..	1 085 425	122 601	(D)	–	–	15 100	–	–	15 100
Sheep and lambs of all ages inventory..... farms..	4 431	1 696	6	6	11	223	–	–	223
number..	265 305	86 208	105	59	138	10 564	–	–	10 564
Ewes 1 year old or older ..... farms..	4 037	1 548	6	5	7	209	–	–	209
number..	138 269	52 486	70	35	69	7 007	–	–	7 007
Sheep and lambs sold..... farms..	4 536	1 720	5	3	12	220	–	–	220
number..	319 349	89 272	(D)	(D)	222	13 731	–	–	13 731
Sheep and lambs shorn ..... farms..	3 945	1 517	5	2	8	205	–	–	205
number..	241 676	74 692	(D)	(D)	163	13 435	–	–	13 435
pounds of wool..	1 517 411	505 825	(D)	(D)	955	85 445	–	–	85 445
Horses and ponies inventory ..... farms..	9 636	3 099	11	17	40	637	–	–	637
number..	60 421	15 240	50	68	155	4 237	–	–	4 237
Horses and ponies sold..... farms..	2 199	416	1	–	10	103	–	–	103
number..	9 605	1 410	(D)	–	(D)	394	–	–	394
Goats inventory ..... farms..	955	212	7	3	6	62	–	–	62
number..	12 275	2 640	40	(D)	(D)	299	–	–	299
Goats sold ..... farms..	379	69	–	1	2	18	–	–	18
number..	5 043	632	–	(D)	(D)	127	–	–	127
POULTRY									
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	1 892	448	14	5	13	133	–	–	133
number..	24 876 834	113 665	(D)	(D)	320	13 795	–	–	13 795
Farms with—									
1 to 399	1 714	428	14	5	13	128	–	–	128
400 to 3,199	40	12	–	–	–	4	–	–	4
3,200 to 9,999.....	31	5	–	–	–	1	–	–	1
10,000 to 19,999	22	3	–	–	–	–	–	–	–
20,000 to 49,999	20	–	–	–	–	–	–	–	–
50,000 to 99,999	19	–	–	–	–	–	–	–	–
100,000 or more	46	–	–	–	–	–	–	–	–
Layers 20 weeks old and older ..... farms..	1 831	436	13	5	12	131	–	–	131
number..	21 509 521	89 921	459	155	275	13 468	–	–	13 468
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	306	67	2	2	3	18	–	–	18
number..	3 367 313	23 744	(D)	(D)	45	327	–	–	327
Layers, pullets, and pullet chicks sold (see text)..... farms..	308	47	2	1	3	12	–	–	12
number..	18 534 679	182 194	(D)	(D)	(D)	(D)	–	–	(D)
Broilers and other meat-type chickens sold .. farms..	519	159	7	1	4	33	–	–	33
number..	6 852 810	139 007	1 360	(D)	333	42 081	–	–	42 081
Farms with—									
1 to 1,999.....	466	153	7	1	4	30	–	–	30
2,000 to 59,999.....	24	5	–	–	–	3	–	–	3
60,000 to 99,999	6	1	–	–	–	–	–	–	–
100,000 or more	23	–	–	–	–	–	–	–	–
Turkey hens kept for breeding ..... farms..	132	28	–	–	4	9	–	–	9
number..	25 726	88	–	–	27	126	–	–	126
Turkeys sold ..... farms..	206	27	–	–	–	8	–	–	8
number..	7 279 601	17 641	–	–	–	7 003	–	–	7 003

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
LIVESTOCK—Con.							
Cattle and calves sold ..... farms..	10 996	3 914	2 663	3 438	58	145	953
number..	634 315	1 197 482	107 368	187 483	2 036	1 501	85 720
$1,000..	342 973	920 249	42 301	116 458	961	734	56 332
Calves ..... farms..	4 954	252	1 788	1 003	30	64	263
number..	139 501	8 676	49 544	27 713	740	437	6 886
$1,000..	42 677	1 721	8 216	7 441	202	119	1 922
Cattle ..... farms..	8 695	3 914	2 017	2 910	38	103	847
number..	494 814	1 188 806	57 824	159 770	1 296	1 064	78 834
$1,000..	300 296	918 527	34 085	109 017	760	615	54 410
Fattened on grain and concentrates .... farms..	1 034	3 914	594	1 437	10	32	478
number..	38 871	1 172 136	17 468	103 622	209	400	57 472
$1,000..	29 394	909 884	13 186	79 373	168	307	43 045
Hogs and pigs inventory ..... farms..	662	628	382	8 912	39	42	858
number..	150 828	326 583	89 561	11 575 947	18 238	5 828	381 070
Farms with—							
1 to 24	216	74	46	326	11	25	58
25 to 49	61	50	32	240	1	9	29
50 to 99	78	46	58	361	2	–	52
100 to 199	77	80	84	700	4	2	115
200 to 499	139	175	107	1 927	7	2	341
500 or more	91	203	55	5 358	14	4	263
Used or to be used for breeding ..... farms..	370	300	283	5 721	15	10	552
number..	14 245	22 851	10 618	1 086 905	1 400	(D)	35 778
Other ..... farms..	624	611	362	8 643	36	40	841
number..	136 583	303 732	78 943	10 489 042	16 838	(D)	345 292
Hogs and pigs sold..... farms..	711	668	408	9 378	39	46	847
number..	226 399	508 835	135 643	22 638 983	36 921	9 175	615 615
$1,000..	25 304	60 033	14 374	2 483 322	4 198	1 072	70 171
Feeder pigs ..... farms..	84	36	61	1 458	7	3	94
number..	13 347	31 604	26 276	3 975 050	5 492	144	53 955
$1,000..	569	1 323	1 124	157 364	282	6	2 277
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 .... farms..	400	313	301	5 905	15	10	575
number..	19 777	33 314	16 650	1 758 764	2 827	(D)	55 602
Dec. 1 and May 31..... farms..	351	287	274	5 770	14	9	554
number..	9 621	15 928	8 277	876 080	1 509	(D)	27 924
June 1 and Nov. 30 ..... farms..	339	288	266	5 641	15	8	535
number..	10 156	17 386	8 373	882 684	1 318	(D)	27 678
Sheep and lambs of all ages inventory..... farms..	505	162	62	472	30	1 086	172
number..	17 433	5 402	2 089	28 525	3 391	97 507	13 884
Ewes 1 year old or older ..... farms..	448	136	54	420	24	1 028	152
number..	10 012	3 272	1 225	14 012	1 859	43 129	5 093
Sheep and lambs sold..... farms..	510	167	64	493	29	1 153	160
number..	15 077	7 304	1 407	35 735	2 964	138 528	15 019
Sheep and lambs shorn ..... farms..	425	139	50	406	21	1 035	132
number..	12 772	6 434	1 439	24 278	895	98 523	8 902
pounds of wool..	88 529	40 618	10 573	137 484	7 954	584 246	54 691
Horses and ponies inventory ..... farms..	1 911	453	307	784	65	233	2 079
number..	9 092	2 369	2 235	3 929	355	967	21 724
Horses and ponies sold..... farms..	288	48	59	162	7	28	1 077
number..	730	152	174	538	23	85	6 082
Goats inventory ..... farms..	192	32	17	73	32	198	121
number..	1 444	332	231	842	291	5 324	764
Goats sold ..... farms..	64	14	5	32	10	112	52
number..	555	199	(D)	440	73	2 579	336
POULTRY							
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	370	107	103	241	219	105	134
number..	17 280	8 992	5 543	53 218	24 558 725	2 306	(D)
Farms with—							
1 to 399	369	102	102	231	92	105	125
400 to 3,199	–	5	1	6	9	–	3
3,200 to 9,999.....	1	–	–	2	19	–	3
10,000 to 19,999	–	–	–	2	16	–	1
20,000 to 49,999	–	–	–	–	18	–	2
50,000 to 99,999	–	–	–	–	19	–	–
100,000 or more	–	–	–	–	46	–	–
Layers 20 weeks old and older ..... farms..	357	103	102	235	206	101	130
number..	15 896	8 545	4 811	49 459	21 263 046	2 019	61 467
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	56	15	18	37	41	18	29
number..	1 384	447	732	3 759	3 295 679	287	(D)
Layers, pullets, and pullet chicks sold (see text)..... farms..	36	9	9	26	130	11	22
number..	4 602	2 086	745	116 270	18 130 396	222	91 256
Broilers and other meat-type chickens sold .. farms..	64	31	12	78	80	25	25
number..	17 171	14 680	8 927	635 345	5 710 861	9 841	(D)
Farms with—							
1 to 1,999.....	62	28	11	74	50	24	22
2,000 to 59,999.....	2	3	1	–	8	1	1
60,000 to 99,999	–	–	–	–	4	–	1
100,000 or more	–	–	–	4	18	–	1
Turkey hens kept for breeding ..... farms..	25	6	–	18	18	13	11
number..	112	16	–	247	25 030	43	37
Turkeys sold ..... farms..	13	9	6	21	108	4	10
number..	227	(D)	(D)	86 929	6 979 043	(D)	125 181

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)
SELECTED CROPS HARVESTED									
Corn for grain or seed ..... farms..	61 860	44 540	34	1	21	1 457	–	–	1 457
acres..	11 595 308	9 050 731	2 106	(D)	(D)	184 541	–	–	184 541
bushels..	1 537 482 128	1 199 797 114	285 251	(D)	(D)	23 259 294	–	–	23 259 294
Irrigated ..... farms..	440	364	4	–	–	6	–	–	6
acres..	77 831	67 338	1 238	–	–	715	–	–	715
Farms by acres harvested:									
1 to 24 acres	6 289	3 183	19	–	11	403	–	–	403
25 to 99 acres	19 305	13 751	9	1	7	485	–	–	485
100 to 249 acres	20 600	15 003	4	–	3	345	–	–	345
250 to 499 acres	11 229	8 925	–	–	–	165	–	–	165
500 acres or more.....	4 437	3 678	2	–	–	59	–	–	59
Corn for silage or green chop..... farms..	8 405	2 892	1	–	–	275	–	–	275
acres..	241 549	62 780	(D)	–	–	6 671	–	–	6 671
tons, green..	3 993 158	1 026 532	(D)	–	–	98 298	–	–	98 298
Irrigated ..... farms..	10	5	–	–	–	–	–	–	–
acres..	342	(D)	–	–	–	–	–	–	–
Farms by acres harvested:									
1 to 24 acres	5 276	2 149	1	–	–	196	–	–	196
25 to 99 acres	2 739	678	–	–	–	69	–	–	69
100 to 249 acres	341	55	–	–	–	8	–	–	8
250 to 499 acres	42	10	–	–	–	2	–	–	2
500 acres or more.....	7	–	–	–	–	–	–	–	–
Wheat for grain ..... farms..	719	457	3	–	5	26	–	–	26
acres..	22 123	16 468	(D)	–	198	590	–	–	590
bushels..	905 333	662 318	(D)	–	8 822	18 240	–	–	18 240
Irrigated ..... farms..	–	–	–	–	–	–	–	–	–
acres..	–	–	–	–	–	–	–	–	–
Farms by acres harvested:									
1 to 24 acres	447	261	2	–	2	16	–	–	16
25 to 99 acres	235	163	1	–	2	10	–	–	10
100 to 249 acres	28	25	–	–	1	–	–	–	–
250 to 499 acres	9	8	–	–	–	–	–	–	–
500 acres or more.....	–	–	–	–	–	–	–	–	–
Oats for grain..... farms..	10 823	5 096	5	3	5	563	–	–	563
acres..	211 985	98 589	25	17	64	11 803	–	–	11 803
bushels..	14 293 977	6 750 965	1 053	947	4 102	739 151	–	–	739 151
Irrigated ..... farms..	2	1	–	–	–	–	–	–	–
acres..	(D)	(D)	–	–	–	–	–	–	–
Farms by acres harvested:									
1 to 24 acres	8 221	3 917	5	3	4	429	–	–	429
25 to 99 acres	2 496	1 122	–	–	1	125	–	–	125
100 to 249 acres	101	55	–	–	–	7	–	–	7
250 to 499 acres	5	2	–	–	–	2	–	–	2
500 acres or more.....	–	–	–	–	–	–	–	–	–
Soybeans for beans ..... farms..	56 436	43 695	34	3	28	1 175	–	–	1 175
acres..	9 944 865	8 289 725	2 029	74	1 328	142 958	–	–	142 958
bushels..	445 574 589	369 024 278	89 842	(D)	(D)	6 284 314	–	–	6 284 314
Irrigated ..... farms..	294	262	4	–	1	3	–	–	3
acres..	38 664	35 247	594	–	(D)	125	–	–	125
Farms by acres harvested:									
1 to 24 acres	5 643	3 361	17	2	17	292	–	–	292
25 to 99 acres	19 323	14 531	14	1	8	414	–	–	414
100 to 249 acres	18 358	14 528	–	–	2	300	–	–	300
250 to 499 acres	9 661	8 219	3	–	1	133	–	–	133
500 acres or more.....	3 451	3 056	–	–	–	36	–	–	36
Potatoes, excluding sweetpotatoes ..... farms..	109	22	39	2	2	13	–	–	13
acres..	1 468	239	1 169	(D)	(D)	28	–	–	28
cwt..	296 675	43 788	240 692	(D)	(D)	7 434	–	–	7 434
Irrigated ..... farms..	19	3	13	–	–	3	–	–	3
acres..	750	(D)	(D)	–	–	1	–	–	1
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms..	37 711	17 282	22	20	48	3 739	–	–	3 739
acres..	1 575 777	608 182	188	208	505	152 438	–	–	152 438
tons, dry..	4 365 999	1 666 263	403	280	945	425 613	–	–	425 613
Irrigated ..... farms..	85	31	2	–	5	12	–	–	12
acres..	1 372	564	(D)	–	40	166	–	–	166
Farms by acres harvested:									
1 to 24 acres	18 434	9 424	21	17	41	1 908	–	–	1 908
25 to 99 acres	15 422	6 605	1	3	7	1 480	–	–	1 480
100 to 249 acres	3 472	1 148	–	–	–	310	–	–	310
250 to 499 acres	334	92	–	–	–	31	–	–	31
500 acres or more.....	49	13	–	–	–	10	–	–	10
Alfalfa hay..... farms..	31 165	14 565	18	8	29	2 939	–	–	2 939
acres..	1 082 904	446 257	142	62	235	102 295	–	–	102 295
tons, dry..	3 406 219	1 361 722	351	47	581	331 080	–	–	331 080
Irrigated ..... farms..	65	22	2	–	3	12	–	–	12
acres..	913	338	(D)	–	(D)	154	–	–	154

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
SELECTED CROPS HARVESTED							
Corn for grain or seed ..... farms..	3 264	2 563	2 253	6 544	139	124	920
acres..	238 857	497 563	206 593	1 228 121	22 655	3 897	159 158
bushels..	29 765 238	66 317 837	26 967 287	166 229 827	3 178 937	491 089	21 059 284
Irrigated ..... farms..	6	12	3	40	–	–	5
acres..	547	2 982	84	4 643	–	–	284
Farms by acres harvested:							
1 to 24 acres	1 377	310	273	474	27	91	121
25 to 99 acres	1 139	731	1 205	1 662	39	21	255
100 to 249 acres	542	855	670	2 774	46	10	348
250 to 499 acres	156	462	88	1 274	17	1	141
500 acres or more.....	50	205	17	360	10	1	55
Corn for silage or green chop..... farms..	1 094	1 240	1 798	734	13	8	350
acres..	32 169	58 820	56 278	16 410	200	(D)	8 068
tons, green..	514 778	985 044	959 047	276 978	3 838	(D)	125 833
Irrigated ..... farms..	2	2	–	1	–	–	–
acres..	(D)	(D)	–	(D)	–	–	–
Farms by acres harvested:							
1 to 24 acres	696	489	981	520	11	5	228
25 to 99 acres	334	602	735	201	2	3	115
100 to 249 acres	57	128	76	11	–	–	6
250 to 499 acres	6	16	5	2	–	–	1
500 acres or more.....	1	5	1	–	–	–	–
Wheat for grain ..... farms..	51	25	22	108	3	3	16
acres..	966	970	419	2 028	76	(D)	308
bushels..	32 496	44 108	18 385	98 964	3 218	(D)	13 869
Irrigated ..... farms..	–	–	–	–	–	–	–
acres..	–	–	–	–	–	–	–
Farms by acres harvested:							
1 to 24 acres	39	14	18	76	2	3	14
25 to 99 acres	11	10	3	32	1	–	2
100 to 249 acres	1	–	1	–	–	–	–
250 to 499 acres	–	1	–	–	–	–	–
500 acres or more.....	–	–	–	–	–	–	–
Oats for grain..... farms..	955	686	1 122	1 924	23	48	393
acres..	18 585	14 563	24 762	34 714	383	483	7 997
bushels..	1 141 429	961 246	1 636 223	2 440 396	29 093	30 134	559 238
Irrigated ..... farms..	–	1	–	–	–	–	–
acres..	–	(D)	–	–	–	–	–
Farms by acres harvested:							
1 to 24 acres	722	494	772	1 532	19	45	279
25 to 99 acres	220	186	343	381	4	3	111
100 to 249 acres	13	5	7	11	–	–	3
250 to 499 acres	–	1	–	–	–	–	–
500 acres or more.....	–	–	–	–	–	–	–
Soybeans for beans ..... farms..	2 207	1 831	838	5 649	127	67	782
acres..	143 784	298 564	54 550	885 954	19 368	3 056	103 475
bushels..	6 218 032	13 940 891	2 535 416	41 564 970	922 111	139 244	4 794 721
Irrigated ..... farms..	2	4	–	16	–	–	2
acres..	(D)	211	–	2 177	–	–	(D)
Farms by acres harvested:							
1 to 24 acres	841	217	223	487	23	44	119
25 to 99 acres	948	637	448	1 958	42	11	311
100 to 249 acres	318	613	144	2 166	36	10	241
250 to 499 acres	81	267	20	832	20	1	84
500 acres or more.....	19	97	3	206	6	1	27
Potatoes, excluding sweetpotatoes ..... farms..	11	2	5	7	3	2	1
acres..	10	(D)	8	7	(D)	(D)	(D)
cwt..	1 885	(D)	1 290	696	(D)	(D)	(D)
Irrigated ..... farms..	–	–	–	–	–	–	–
acres..	–	–	–	–	–	–	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms..	6 348	2 439	2 341	3 487	99	456	1 430
acres..	306 419	132 765	191 785	123 819	2 342	6 307	50 819
tons, dry..	760 986	395 446	584 793	367 057	6 202	14 146	143 865
Irrigated ..... farms..	15	3	4	9	–	–	4
acres..	184	(D)	93	112	–	–	69
Farms by acres harvested:							
1 to 24 acres	2 694	878	297	1 860	76	382	836
25 to 99 acres	2 857	1 208	1 326	1 374	18	70	473
100 to 249 acres	705	301	661	231	4	4	108
250 to 499 acres	80	45	53	20	1	–	12
500 acres or more.....	12	7	4	2	–	–	1
Alfalfa hay..... farms..	4 940	2 065	2 146	2 918	71	339	1 127
acres..	187 286	91 166	121 655	92 233	1 345	4 189	36 039
tons, dry..	538 191	308 916	430 305	304 520	3 766	10 779	115 961
Irrigated ..... farms..	11	1	4	7	–	–	3
acres..	124	(D)	93	107	–	–	(D)

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Total	Oilseed and grain farming (1111)	Vegetable and melon farming (1112)	Fruit and tree nut farming (1113)	Greenhouse, nursery, and floriculture production (1114)	Other crop farming (1119)			
						Total	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)
SELECTED CROPS HARVESTED—Con.									
Vegetables harvested for sale (see text) ..... farms..	786	256	251	32	35	70	–	–	70
acres..	12 533	6 025	4 258	180	129	854	–	–	854
Irrigated ..... farms..	117	21	59	9	6	13	–	–	13
acres..	1 476	242	1 066	34	24	51	–	–	51
Farms by acres harvested:									
0.1 to 4.9 acres	477	136	135	19	29	40	–	–	40
5.0 to 24.9 acres	180	53	78	12	5	21	–	–	21
25.0 to 99.9 acres	99	48	29	1	1	8	–	–	8
100.0 to 249.9 acres.....	26	16	8	–	–	1	–	–	1
250.0 acres or more	4	3	1	–	–	–	–	–	–
Land in orchards ..... farms..	448	70	24	181	25	45	–	–	45
acres..	2 616	254	42	1 548	80	425	–	–	425
Irrigated ..... farms..	19	1	1	13	1	–	–	–	–
acres..	118	(D)	(D)	93	(D)	–	–	–	–
Farms by bearing and nonbearing acres:									
0.1 to 4.9 acres	324	51	22	106	22	32	–	–	32
5.0 to 24.9 acres	100	19	2	57	2	10	–	–	10
25.0 to 99.9 acres	22	–	–	17	1	2	–	–	2
100.0 to 249.9 acres.....	2	–	–	1	–	1	–	–	1
250.0 acres or more	–	–	–	–	–	–	–	–	–

See footnotes at end of table.

Table 51. **Summary by North American Industry Classification System: 1997**—Con.

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

Item	Beef cattle ranching and farming (112111)	Cattle feedlots (112112)	Dairy cattle and milk production (11212)	Hog and pig farming (1122)	Poultry and egg production (1123)	Sheep and goat farming (1124)	Animal aquaculture and other animal production (1125,1129)
SELECTED CROPS HARVESTED—Con.							
Vegetables harvested for sale (see text) ..... farms	39	11	6	62	5	8	11
acres	123	19	27	874	16	10	19
Irrigated ..... farms	2	1	–	4	1	–	1
acres	(D)	(D)	–	(D)	(D)	–	(D)
Farms by acres harvested:							
0.1 to 4.9 acres	36	9	5	45	4	8	11
5.0 to 24.9 acres	2	2	1	5	1	–	–
25.0 to 99.9 acres	1	–	–	11	–	–	–
100.0 to 249.9 acres	–	–	–	1	–	–	–
250.0 acres or more	–	–	–	–	–	–	–
Land in orchards ..... farms	37	7	9	15	5	15	15
acres	76	28	22	47	7	24	64
Irrigated ..... farms	1	1	1	–	–	–	–
acres	(D)	(D)	(D)	–	–	–	–
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres	31	6	8	14	5	14	13
5.0 to 24.9 acres	6	1	1	–	–	1	1
25.0 to 99.9 acres	–	–	–	1	–	–	1
100.0 to 249.9 acres	–	–	–	–	–	–	–
250.0 acres or more	–	–	–	–	–	–	–

[1]Data are based on a sample of farms.
[2]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 52. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997

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

Item	All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999
FARMS AND LAND IN FARMS						
Farms ..... number..	90 792	1 107	3 069	8 970	19 462	13 928
percent..	100.0	1.2	3.4	9.9	21.4	15.3
Land in farms ..... acres..	31 166 699	1 478 219	3 413 792	7 394 599	9 641 352	4 061 493
Average size of farm ..... acres..	343	1 335	1 112	824	495	292
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD						
Total sales (see text) ..... farms..	90 792	1 107	3 069	8 970	19 462	13 928
$1,000..	11 947 894	2 448 044	1 994 860	2 953 222	3 003 089	946 300
Average per farm ..... dollars..	131 596	2 211 422	650 003	329 233	154 305	67 942
Farms by value of sales:						
Less than $1,000 (see text)	9 230	–	–	–	–	10
$1,000 to $2,499	3 961	–	–	–	–	–
$2,500 to $4,999	4 577	–	–	–	–	2
$5,000 to $9,999	5 878	–	–	–	1	–
$10,000 to $19,999	7 383	–	–	–	–	9
$20,000 to $24,999	3 124	–	–	–	–	13
$25,000 to $39,999	7 366	–	–	–	1	141
$40,000 to $49,999	4 082	–	–	–	–	1 168
$50,000 to $99,999	13 735	–	–	–	1 150	12 585
$100,000 to $249,999	19 119	–	–	809	18 310	–
$250,000 to $499,999	8 404	–	243	8 161	–	–
$500,000 to $999,999	2 858	32	2 826	–	–	–
$1,000,000 to $2,499,999	888	888	–	–	–	–
$2,500,000 to $4,999,999	120	120	–	–	–	–
$5,000,000 or more	67	67	–	–	–	–
Grains ..... farms..	64 058	852	2 731	8 429	18 094	12 659
$1,000..	6 011 171	344 699	856 218	1 782 783	1 998 158	669 030
Sales of $50,000 or more ..... farms..	33 199	740	2 445	7 568	14 902	7 544
$1,000..	5 378 196	341 884	848 279	1 759 993	1 916 304	511 736
Corn for grain ..... farms..	56 466	665	2 345	7 730	16 978	11 901
$1,000..	3 225 141	181 328	451 419	957 498	1 078 121	363 424
Wheat ..... farms..	699	8	56	144	193	108
$1,000..	2 936	117	390	667	932	360
Soybeans ..... farms..	56 373	806	2 653	8 154	17 105	11 672
$1,000..	2 765 812	161 841	402 704	820 912	913 374	302 730
Sorghum for grain ..... farms..	32	–	3	5	10	5
$1,000..	121	–	(D)	12	42	30
Barley ..... farms..	76	–	5	8	22	13
$1,000..	178	–	(D)	19	81	41
Oats ..... farms..	5 638	57	255	871	1 898	1 089
$1,000..	11 024	216	847	2 220	3 954	1 986
Other grains ..... farms..	287	17	33	57	84	28
$1,000..	5 960	1 198	831	1 456	1 654	458
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..	14 636	154	543	1 599	3 332	2 372
$1,000..	88 970	4 847	7 130	15 113	23 685	14 432
Sales of $50,000 or more ..... farms..	141	23	25	34	48	11
$1,000..	12 260	2 937	2 244	2 829	3 600	648
Vegetables, sweet corn, and melons ..... farms..	776	4	27	59	156	78
$1,000..	8 568	(D)	1 018	1 715	2 736	1 009
Sales of $50,000 or more ..... farms..	40	–	4	9	18	9
$1,000..	4 133	–	727	1 282	1 621	503
Fruits, nuts, and berries ..... farms..	323	2	7	10	33	25
$1,000..	3 627	(D)	(D)	245	1 168	601
Sales of $50,000 or more ..... farms..	19	1	1	1	8	8
$1,000..	2 133	(D)	(D)	(D)	985	504
Nursery and greenhouse crops ..... farms..	819	15	24	47	83	86
$1,000..	73 208	34 265	11 431	9 306	8 483	4 463
Sales of $50,000 or more ..... farms..	180	14	18	33	57	58
$1,000..	66 888	(D)	11 400	9 109	8 090	(D)
Other crops ..... farms..	115	–	6	9	20	16
$1,000..	1 725	–	(D)	357	292	112
Sales of $50,000 or more ..... farms..	9	–	3	3	3	–
$1,000..	1 418	–	857	327	234	–
Poultry and poultry products ..... farms..	1 598	110	74	108	246	166
$1,000..	414 429	360 213	30 632	13 257	8 131	1 064
Sales of $50,000 or more ..... farms..	282	105	59	49	59	10
$1,000..	412 269	360 194	30 570	13 049	7 679	775
Dairy products ..... farms..	3 958	39	134	640	1 772	789
$1,000..	408 694	26 403	41 250	119 053	174 795	36 209
Sales of $50,000 or more ..... farms..	2 635	36	128	607	1 516	348
$1,000..	374 552	26 284	41 022	118 070	166 517	22 658
Cattle and calves ..... farms..	38 548	536	1 461	4 106	9 088	6 226
$1,000..	1 850 796	650 868	316 352	315 570	302 414	122 063
Sales of $50,000 or more ..... farms..	5 736	452	995	1 806	1 973	510
$1,000..	1 435 407	649 199	306 618	270 224	177 275	32 090

See footnotes at end of table.

Table 52. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	$25,000 to $49,999	$10,000 to $24,999	$5,000 to $9,999	$2,500 to $4,999	$1,000 to $2,499	Less than $1,000
FARMS AND LAND IN FARMS						
Farms ..... number	11 653	11 965	7 499	5 869	5 038	2 232
..... percent	12.8	13.2	8.3	6.5	5.5	2.5
Land in farms ..... acres	2 251 889	1 615 224	685 764	346 533	201 470	76 364
Average size of farm ..... acres	193	135	91	59	40	34
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD						
Total sales (see text) ..... farms	11 653	11 965	7 499	5 869	5 038	2 232
..... $1,000	386 117	160 739	35 662	13 848	5 401	610
Average per farm ..... dollars	33 135	13 434	4 756	2 360	1 072	273
Farms by value of sales:						
Less than $1,000 (see text)	165	1 201	1 943	1 821	1 858	2 232
$1,000 to $2,499	9	98	258	416	3 180	–
$2,500 to $4,999	22	276	645	3 632	–	–
$5,000 to $9,999	73	1 151	4 653	–	–	–
$10,000 to $19,999	352	7 022	–	–	–	–
$20,000 to $24,999	894	2 217	–	–	–	–
$25,000 to $39,999	7 224	–	–	–	–	–
$40,000 to $49,999	2 914	–	–	–	–	–
$50,000 to $99,999	–	–	–	–	–	–
$100,000 to $249,999	–	–	–	–	–	–
$250,000 to $499,999	–	–	–	–	–	–
$500,000 to $999,999	–	–	–	–	–	–
$1,000,000 to $2,499,999	–	–	–	–	–	–
$2,500,000 to $4,999,999	–	–	–	–	–	–
$5,000,000 or more	–	–	–	–	–	–
Grains ..... farms	9 693	7 004	2 291	1 309	862	134
..... $1,000	260 890	83 412	11 118	3 491	1 294	78
Sales of $50,000 or more ..... farms	–	–	–	–	–	–
..... $1,000	–	–	–	–	–	–
Corn for grain ..... farms	8 711	5 443	1 463	730	429	71
..... $1,000	141 477	43 884	5 595	1 725	625	44
Wheat ..... farms	74	76	18	14	6	2
..... $1,000	223	195	25	18	(D)	(D)
Soybeans ..... farms	8 355	5 171	1 334	661	420	42
..... $1,000	117 877	38 684	5 364	1 672	628	26
Sorghum for grain ..... farms	4	4	1	–	–	–
..... $1,000	7	5	(D)	–	–	–
Barley ..... farms	13	12	–	2	1	–
..... $1,000	12	16	–	(D)	(D)	–
Oats ..... farms	717	487	132	69	42	21
..... $1,000	1 020	559	117	68	(D)	(D)
Other grains ..... farms	29	22	10	6	1	–
..... $1,000	274	69	(D)	(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	1 924	1 873	1 087	790	621	341
..... $1,000	10 429	7 973	3 032	1 491	694	143
Sales of $50,000 or more ..... farms	–	–	–	–	–	–
..... $1,000	–	–	–	–	–	–
Vegetables, sweet corn, and melons ..... farms	88	107	88	71	50	48
..... $1,000	822	724	285	155	46	(D)
Sales of $50,000 or more ..... farms	–	–	–	–	–	–
..... $1,000	–	–	–	–	–	–
Fruits, nuts, and berries ..... farms	42	61	39	38	39	27
..... $1,000	338	425	146	58	46	8
Sales of $50,000 or more ..... farms	–	–	–	–	–	–
..... $1,000	–	–	–	–	–	–
Nursery and greenhouse crops ..... farms	94	151	104	93	100	22
..... $1,000	2 477	1 863	533	243	133	11
Sales of $50,000 or more ..... farms	–	–	–	–	–	–
..... $1,000	–	–	–	–	–	–
Other crops ..... farms	17	16	11	12	7	1
..... $1,000	13	24	22	16	6	(D)
Sales of $50,000 or more ..... farms	–	–	–	–	–	–
..... $1,000	–	–	–	–	–	–
Poultry and poultry products ..... farms	186	173	143	159	156	77
..... $1,000	543	191	177	122	84	14
Sales of $50,000 or more ..... farms	–	–	–	–	–	–
..... $1,000	–	–	–	–	–	–
Dairy products ..... farms	402	152	14	5	6	5
..... $1,000	9 114	1 791	48	20	8	1
Sales of $50,000 or more ..... farms	–	–	–	–	–	–
..... $1,000	–	–	–	–	–	–
Cattle and calves ..... farms	5 094	5 474	3 049	1 977	1 245	292
..... $1,000	69 979	49 926	15 707	5 831	1 911	177
Sales of $50,000 or more ..... farms	–	–	–	–	–	–
..... $1,000	–	–	–	–	–	–

See footnotes at end of table.

Table 52. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997—Con.

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

Item		All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.							
Total sales (see text)—Con.							
Hogs and pigs	farms	18 370	673	1 883	4 090	6 065	2 570
	$1,000	3 029 972	1 020 234	722 326	686 230	473 145	89 989
Sales of $50,000 or more	farms	10 657	662	1 797	3 522	3 941	735
	$1,000	2 879 196	1 019 901	719 876	671 482	419 011	48 925
Sheep, lambs, and wool	farms	4 598	25	95	325	830	645
	$1,000	30 214	2 567	4 010	6 653	6 767	3 318
Sales of $50,000 or more	farms	82	4	10	31	27	10
	$1,000	14 572	2 484	3 410	5 119	2 845	714
Other livestock and livestock products (see text)	farms	3 023	15	36	112	318	261
	$1,000	26 520	3 766	3 157	2 939	3 316	4 009
Sales of $50,000 or more	farms	76	3	6	11	14	42
	$1,000	14 178	3 731	3 096	2 502	1 878	2 970
Value of agricultural products sold directly to individuals for human consumption (see text)	farms	2 174	20	66	164	396	271
	$1,000	7 475	46	148	1 080	1 872	1 375
FARM PRODUCTION EXPENSES[1]							
Total farm production expenses	farms	90 786	1 107	3 000	6 331	22 209	14 026
	$1,000	8 405 838	1 905 808	1 443 527	1 353 214	2 396 872	717 312
Average per farm	dollars	92 590	1 721 597	481 176	213 744	107 923	51 142
Livestock and poultry purchased	farms	30 572	963	2 307	3 296	9 408	4 497
	$1,000	1 260 448	540 909	304 428	146 316	183 283	46 091
Farms with expenses of—							
$1 to $4,999		13 379	10	104	628	2 939	2 022
$5,000 to $24,999		9 489	33	324	1 026	3 794	1 979
$25,000 to $99,999		5 333	124	795	1 216	2 610	496
$100,000 to $249,999		1 322	210	659	389	64	–
$250,000 or more		1 049	586	425	37	1	–
Feed for livestock and poultry	farms	46 733	1 004	2 445	4 142	13 465	6 971
	$1,000	1 585 107	694 312	314 516	184 345	275 939	64 032
Farms with expenses of—							
$1 to $4,999		23 264	6	70	621	3 621	3 296
$5,000 to $24,999		12 922	15	252	1 189	5 368	3 091
$25,000 to $99,999		7 779	96	822	1 833	4 395	584
$100,000 to $249,999		1 809	241	1 007	482	79	–
$250,000 or more		959	646	294	17	2	–
Commercially mixed formula feeds	farms	27 617	756	1 747	2 788	8 263	4 018
	$1,000	854 175	447 926	150 626	87 142	120 076	26 715
Farms with expenses of—							
$1 to $4,999		14 923	13	124	638	2 869	2 428
$5,000 to $24,999		7 904	79	409	1 046	3 762	1 427
$25,000 to $99,999		3 560	179	668	924	1 613	163
$100,000 or more		1 230	485	546	180	19	–
Seeds, bulbs, plants, and trees	farms	68 732	907	2 763	6 141	21 550	13 212
	$1,000	488 961	32 871	65 586	102 023	190 913	60 767
Farms with expenses of—							
$1 to $999		12 228	15	34	47	309	682
$1,000 to $4,999		24 804	69	207	432	4 396	7 517
$5,000 to $24,999		28 798	357	1 372	4 643	16 587	5 004
$25,000 to $49,999		2 462	271	966	966	250	9
$50,000 or more		440	195	184	53	8	–
Commercial fertilizer	farms	65 626	863	2 714	6 009	20 966	12 661
	$1,000	636 785	35 605	84 149	133 183	257 388	79 951
Farms with expenses of—							
$1 to $4,999		29 645	96	208	425	3 009	5 446
$5,000 to $24,999		30 385	307	1 074	3 469	16 424	7 166
$25,000 to $49,999		4 432	209	924	1 813	1 430	49
$50,000 or more		1 164	251	508	302	103	–
Agricultural chemicals	farms	64 489	732	2 086	5 745	19 947	11 986
	$1,000	521 566	32 070	63 161	112 266	209 188	65 111
Farms with expenses of—							
$1 to $4,999		33 739	77	188	646	4 273	6 030
$5,000 to $24,999		26 795	227	781	3 481	14 909	5 937
$25,000 to $49,999		3 191	206	754	1 454	750	19
$50,000 or more		764	222	363	164	15	–
Petroleum products	farms	84 456	1 093	2 987	6 297	22 043	13 799
	$1,000	350 799	35 382	47 137	60 560	127 004	41 776
Farms with expenses of—							
$1 to $4,999		61 749	51	224	1 093	11 058	11 557
$5,000 to $24,999		21 538	554	2 359	5 062	10 850	2 242
$25,000 to $49,999		966	328	369	134	135	–
$50,000 or more		203	160	35	8	–	–
Gasoline and gasohol	farms	70 591	953	2 666	5 352	18 691	11 357
	$1,000	83 552	5 835	9 163	11 061	28 513	12 394
Diesel fuel	farms	65 871	1 029	2 856	6 084	21 055	12 508
	$1,000	151 144	13 371	20 916	29 127	57 866	17 311
Natural gas	farms	4 094	113	338	424	1 483	745
	$1,000	9 805	2 159	1 694	1 262	3 158	913
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms	71 329	1 088	2 978	6 271	21 799	13 112
	$1,000	106 298	14 017	15 365	19 110	37 467	11 158

See footnotes at end of table.

Table 52. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997—Con.

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

Item	$25,000 to $49,999	$10,000 to $24,999	$5,000 to $9,999	$2,500 to $4,999	$1,000 to $2,499	Less than $1,000
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.						
Total sales (see text)—Con.						
Hogs and pigs ..... farms..	1 350	940	366	233	153	47
$1,000..	26 499	9 239	1 578	524	183	25
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Sheep, lambs, and wool ..... farms..	546	598	461	487	436	150
$1,000..	1 973	1 993	1 339	1 010	514	68
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Other livestock and livestock products (see text) ..... farms..	334	462	469	445	406	165
$1,000..	3 040	3 178	1 677	886	483	68
Sales of $50,000 or more ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms..	270	294	223	190	190	90
$1,000..	1 094	929	479	266	156	30
FARM PRODUCTION EXPENSES[1]						
Total farm production expenses ..... farms..	11 484	12 069	7 683	5 663	5 071	2 143
$1,000..	313 059	162 759	54 639	30 450	19 404	8 793
Average per farm ..... dollars..	27 260	13 486	7 112	5 377	3 826	4 103
Livestock and poultry purchased ..... farms..	3 159	3 087	1 373	1 188	916	378
$1,000..	19 679	11 662	3 475	2 896	1 275	434
Farms with expenses of—						
$1 to $4,999	1 853	2 245	1 245	1 105	875	353
$5,000 to $24,999	1 238	842	120	67	41	25
$25,000 to $99,999	68	–	8	16	–	–
$100,000 to $249,999	–	–	–	–	–	–
$250,000 or more	–	–	–	–	–	–
Feed for livestock and poultry ..... farms..	5 455	5 538	2 952	2 012	1 822	927
$1,000..	27 412	14 730	4 542	2 449	1 773	1 057
Farms with expenses of—						
$1 to $4,999	3 524	4 602	2 830	1 967	1 811	916
$5,000 to $24,999	1 882	936	122	45	11	11
$25,000 to $99,999	49	–	–	–	–	–
$100,000 to $249,999	–	–	–	–	–	–
$250,000 or more	–	–	–	–	–	–
Commercially mixed formula feeds ..... farms..	3 025	2 883	1 539	1 141	910	547
$1,000..	12 431	5 731	1 655	995	524	354
Farms with expenses of—						
$1 to $4,999	2 200	2 547	1 513	1 134	910	547
$5,000 to $24,999	812	336	26	7	–	–
$25,000 to $99,999	13	–	–	–	–	–
$100,000 or more	–	–	–	–	–	–
Seeds, bulbs, plants, and trees ..... farms..	10 010	7 817	2 998	1 730	1 183	421
$1,000..	24 993	9 187	1 606	639	293	85
Farms with expenses of—						
$1 to $999	1 357	3 905	2 657	1 643	1 158	421
$1,000 to $4,999	7 840	3 891	341	86	25	–
$5,000 to $24,999	813	21	–	1	–	–
$25,000 to $49,999	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–
Commercial fertilizer ..... farms..	9 352	7 129	2 814	1 545	1 006	567
$1,000..	30 791	11 591	2 587	1 007	336	197
Farms with expenses of—						
$1 to $4,999	7 610	6 960	2 782	1 536	1 006	567
$5,000 to $24,999	1 735	169	32	9	–	–
$25,000 to $49,999	7	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–
Agricultural chemicals ..... farms..	8 971	7 755	3 344	1 952	1 403	568
$1,000..	25 740	10 478	2 055	904	422	169
Farms with expenses of—						
$1 to $4,999	7 641	7 617	3 344	1 952	1 403	568
$5,000 to $24,999	1 322	138	–	–	–	–
$25,000 to $49,999	8	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–
Petroleum products ..... farms..	11 186	11 122	6 354	4 354	3 798	1 423
$1,000..	20 064	11 139	3 700	2 025	1 406	607
Farms with expenses of—						
$1 to $4,999	10 740	11 098	6 353	4 354	3 798	1 423
$5,000 to $24,999	446	24	1	–	–	–
$25,000 to $49,999	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–
Gasoline and gasohol ..... farms..	8 887	8 931	5 374	3 787	3 349	1 244
$1,000..	6 993	5 197	2 072	1 156	838	332
Diesel fuel ..... farms..	9 199	7 260	2 877	1 542	957	504
$1,000..	7 730	3 239	871	410	197	107
Natural gas ..... farms..	496	198	165	67	53	12
$1,000..	374	128	70	25	20	2
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	9 616	8 215	3 527	2 290	1 633	800
$1,000..	4 967	2 575	687	435	350	166

See footnotes at end of table.

Table 52. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999
FARM PRODUCTION EXPENSES[1]—Con.						
Total farm production expenses—Con.						
Electricity ..... farms..	73 232	1 084	2 936	6 146	21 065	12 603
$1,000..	127 679	18 550	16 732	19 503	40 457	15 152
Farms with expenses of—						
$1 to $999	36 803	13	92	675	5 891	6 152
$1,000 to $4,999	32 280	279	1 602	4 404	14 250	6 369
$5,000 to $24,999	3 929	626	1 216	1 050	913	82
$25,000 to $49,999	151	106	18	16	11	–
$50,000 or more	69	60	8	1	–	–
Hired farm labor ..... farms..	33 016	988	2 543	4 337	11 437	4 847
$1,000..	316 779	112 955	76 890	49 666	56 777	11 045
Farms with expenses of—						
$1 to $4,999	23 586	99	568	2 164	8 114	4 163
$5,000 to $24,999	6 689	226	948	1 584	2 881	675
$25,000 to $99,999	2 315	400	889	568	439	9
$100,000 to $249,999	328	177	128	21	1	–
$250,000 or more	98	86	10	–	2	–
Workers by days worked:						
150 days or more ..... farms..	10 990	791	1 759	1 995	3 354	1 302
workers..	20 517	4 960	4 113	3 168	4 779	1 574
Less than 150 days ..... farms..	29 661	750	2 113	3 600	10 096	4 404
workers..	73 630	7 641	7 471	9 422	21 914	9 756
Contract labor ..... farms..	6 152	252	515	774	1 732	767
$1,000..	24 905	8 028	3 945	3 643	5 242	1 633
Farms with expenses of—						
$1 to $999	2 512	16	93	155	534	308
$1,000 to $4,999	2 713	78	242	401	957	374
$5,000 to $24,999	812	103	143	205	232	85
$25,000 to $49,999	63	23	24	9	7	–
$50,000 or more	52	32	13	4	2	–
Repair and maintenance ..... farms..	78 128	1 103	2 979	6 262	21 609	12 984
$1,000..	504 525	46 677	63 133	85 592	181 358	61 775
Farms with expenses of—						
$1 to $4,999	46 146	47	228	966	6 736	8 154
$5,000 to $24,999	29 129	414	1 796	4 494	14 482	4 768
$25,000 to $49,999	2 300	355	792	732	358	62
$50,000 or more	553	287	163	70	33	–
Customwork, machine hire, and rental of machinery and equipment..... farms..	43 788	752	2 061	3 733	12 993	7 810
$1,000..	168 101	19 682	18 618	20 414	59 898	25 952
Farms with expenses of—						
$1 to $999	15 486	33	196	703	3 139	2 109
$1,000 to $4,999	19 166	212	830	1 778	6 104	3 955
$5,000 to $24,999	8 471	354	900	1 161	3 491	1 720
$25,000 to $49,999	468	85	90	71	201	20
$50,000 or more	197	68	45	20	58	6
Interest ..... farms..	55 257	1 069	2 903	5 551	17 984	9 245
$1,000..	600 284	85 760	94 948	106 344	194 180	61 522
Farms with expenses of—						
$1 to $4,999	26 319	51	221	917	5 676	4 750
$5,000 to $24,999	23 038	198	1 130	3 082	10 572	4 266
$25,000 to $99,999	5 631	630	1 491	1 535	1 735	229
$100,000 or more	269	190	61	17	1	–
Secured by real estate ..... farms..	36 993	803	2 174	3 975	11 700	5 701
$1,000..	347 061	41 249	48 087	61 258	114 243	39 556
Farms with expenses of—						
$1 to $999	4 105	10	45	89	557	459
$1,000 to $4,999	13 186	76	307	657	3 187	2 208
$5,000 to $24,999	16 914	266	1 110	2 484	7 223	2 892
$25,000 to $49,999	2 216	232	498	638	715	133
$50,000 or more	572	219	214	107	18	9
Not secured by real estate ..... farms..	36 242	796	2 234	4 128	13 061	6 239
$1,000..	253 223	44 511	46 861	45 086	79 938	21 966
Farms with expenses of—						
$1 to $999	8 257	10	69	238	1 559	1 338
$1,000 to $4,999	14 030	50	238	1 155	5 036	3 394
$5,000 to $24,999	12 220	259	1 255	2 339	6 291	1 492
$25,000 to $49,999	1 249	228	505	329	172	15
$50,000 or more	486	249	167	67	3	–
Cash rent ..... farms..	36 892	781	2 380	4 815	14 829	6 273
$1,000..	866 955	94 976	162 017	183 650	318 489	73 850
Farms with expenses of—						
$1 to $4,999	9 782	26	103	366	2 357	1 780
$5,000 to $9,999	5 578	40	120	447	1 996	1 347
$10,000 to $24,999	10 588	116	351	1 293	5 288	2 524
$25,000 or more	10 944	599	1 806	2 709	5 188	622
Property taxes ..... farms..	79 236	1 031	2 783	5 768	18 972	11 640
$1,000..	242 120	12 395	21 684	33 645	75 890	36 288
Farms with expenses of—						
$1 to $4,999	65 405	332	1 250	3 206	13 205	9 679
$5,000 to $9,999	10 244	258	808	1 631	4 597	1 768
$10,000 to $24,999	3 273	332	618	874	1 143	179
$25,000 or more	314	109	107	57	27	14
All other farm production expenses..... farms..	85 922	1 106	3 000	6 331	22 209	14 026
$1,000..	710 824	135 637	106 582	112 063	220 865	72 367
Farms with expenses of—						
$1 to $4,999	53 161	33	213	876	6 649	8 432
$5,000 to $24,999	27 377	238	1 170	4 027	14 174	5 476
$25,000 to $49,999	3 592	230	848	1 197	1 199	118
$50,000 to $99,999	1 297	252	672	191	182	–
$100,000 or more	495	353	97	40	5	–

See footnotes at end of table.

Table 52. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	$25,000 to $49,999	$10,000 to $24,999	$5,000 to $9,999	$2,500 to $4,999	$1,000 to $2,499	Less than $1,000
FARM PRODUCTION EXPENSES[1]—Con.						
Total farm production expenses—Con.						
Electricity ..... farms..	9 181	8 716	4 517	3 353	2 648	983
$1,000..	7 735	5 180	2 034	1 162	815	359
Farms with expenses of—						
$1 to $999	6 206	7 061	4 095	3 142	2 548	928
$1,000 to $4,999	2 934	1 655	421	211	100	55
$5,000 to $24,999	41	–	1	–	–	–
$25,000 to $49,999	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–
Hired farm labor ..... farms..	3 185	2 691	1 280	795	624	289
$1,000..	5 481	2 575	717	379	199	96
Farms with expenses of—						
$1 to $4,999	2 873	2 618	1 280	794	624	289
$5,000 to $24,999	303	72	–	–	–	–
$25,000 to $99,999	9	–	–	1	–	–
$100,000 to $249,999	–	1	–	–	–	–
$250,000 or more	–	–	–	–	–	–
Workers by days worked:						
150 days or more ..... farms..	551	565	269	178	148	78
workers..	628	578	313	178	148	78
Less than 150 days ..... farms..	3 065	2 662	1 270	788	624	289
workers..	6 535	5 363	2 675	1 421	972	460
Contract labor ..... farms..	666	604	408	221	150	63
$1,000..	1 111	696	397	110	77	24
Farms with expenses of—						
$1 to $999	348	421	271	198	110	58
$1,000 to $4,999	297	159	137	23	40	5
$5,000 to $24,999	21	23	–	–	–	–
$25,000 to $49,999	–	–	–	–	–	–
$50,000 or more	–	1	–	–	–	–
Repair and maintenance ..... farms..	9 939	9 552	5 563	3 749	3 015	1 373
$1,000..	30 149	18 982	8 021	4 565	2 959	1 314
Farms with expenses of—						
$1 to $4,999	8 085	8 733	5 307	3 582	2 960	1 348
$5,000 to $24,999	1 854	819	256	166	55	25
$25,000 to $49,999	–	–	–	1	–	–
$50,000 or more	–	–	–	–	–	–
Customwork, machine hire, and rental of machinery and equipment..... farms..	5 823	5 048	2 402	1 466	1 222	478
$1,000..	13 796	6 529	1 909	724	445	132
Farms with expenses of—						
$1 to $999	1 972	2 622	1 801	1 271	1 169	471
$1,000 to $4,999	3 117	2 335	587	195	46	7
$5,000 to $24,999	733	91	14	–	7	–
$25,000 to $49,999	1	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–
Interest ..... farms..	6 164	5 507	2 828	1 909	1 450	647
$1,000..	27 366	15 101	7 178	3 768	2 886	1 231
Farms with expenses of—						
$1 to $4,999	4 100	4 499	2 439	1 749	1 323	594
$5,000 to $24,999	2 053	1 008	389	160	127	53
$25,000 to $99,999	11	–	–	–	–	–
$100,000 or more	–	–	–	–	–	–
Secured by real estate ..... farms..	3 834	3 584	2 198	1 425	1 111	488
$1,000..	18 745	11 215	6 017	3 170	2 510	1 012
Farms with expenses of—						
$1 to $999	547	908	527	427	377	159
$1,000 to $4,999	1 724	1 866	1 364	880	623	294
$5,000 to $24,999	1 558	810	307	118	111	35
$25,000 to $49,999	–	–	–	–	–	–
$50,000 or more	5	–	–	–	–	–
Not secured by real estate ..... farms..	3 886	3 069	1 242	806	529	252
$1,000..	8 621	3 886	1 161	599	376	219
Farms with expenses of—						
$1 to $999	1 441	1 675	815	574	383	155
$1,000 to $4,999	1 955	1 308	419	232	146	97
$5,000 to $24,999	490	86	8	–	–	–
$25,000 to $49,999	–	–	–	–	–	–
$50,000 or more	–	–	–	–	–	–
Cash rent ..... farms..	3 644	2 211	921	527	370	141
$1,000..	24 165	7 639	1 282	507	247	134
Farms with expenses of—						
$1 to $4,999	1 623	1 600	890	526	370	141
$5,000 to $9,999	1 099	510	19	–	–	–
$10,000 to $24,999	902	101	12	1	–	–
$25,000 or more	20	–	–	–	–	–
Property taxes ..... farms..	9 354	10 674	7 141	5 205	4 731	1 937
$1,000..	22 207	18 745	9 320	5 814	4 221	1 910
Farms with expenses of—						
$1 to $4,999	8 727	10 273	7 000	5 104	4 692	1 937
$5,000 to $9,999	558	347	139	100	38	–
$10,000 to $24,999	69	54	2	1	1	–
$25,000 or more	–	–	–	–	–	–
All other farm production expenses..... farms..	11 417	11 587	6 347	4 519	3 796	1 584
$1,000..	32 371	18 526	5 816	3 502	2 050	1 046
Farms with expenses of—						
$1 to $4,999	9 686	11 103	6 320	4 476	3 795	1 578
$5,000 to $24,999	1 731	484	27	43	1	6
$25,000 to $49,999	–	–	–	–	–	–
$50,000 to $99,999	–	–	–	–	–	–
$100,000 or more	–	–	–	–	–	–

See footnotes at end of table.

Table 52. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999
NET CASH RETURN FROM AGRICULTURAL SALES AND GOVERNMENT PAYMENTS FOR THE FARM UNIT (SEE TEXT)[1]						
All farms ..... number..	90 786	1 107	3 000	6 331	22 209	14 026
$1,000..	3 491 781	568 656	572 371	770 278	1 163 701	297 996
Average per farm ..... dollars..	38 462	513 691	190 790	121 668	52 398	21 246
Farms with net gains[2] ..... number..	69 064	1 024	2 818	6 027	20 590	11 977
Average net gain ..... dollars..	53 524	580 264	207 408	129 723	58 266	27 268
Gain of—						
Less than $1,000	3 736	1	4	8	92	144
$1,000 to $9,999	17 765	4	38	54	1 006	1 487
$10,000 to $49,999	26 086	42	207	480	8 096	9 296
$50,000 or more	21 477	977	2 569	5 485	11 396	1 050
Farms with net losses ..... number..	21 722	83	182	304	1 619	2 049
Average net loss ..... dollars..	9 430	307 645	66 519	38 032	22 237	13 953
Loss of—						
Less than $1,000	3 481	–	2	6	30	165
$1,000 to $9,999	13 378	10	20	61	676	864
$10,000 to $49,999	4 493	18	90	150	827	986
$50,000 or more	370	55	70	87	86	34
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME						
Government payments ..... farms..	67 795	830	2 661	8 105	17 068	11 723
$1,000..	536 924	26 421	56 467	127 449	155 647	63 296
Other farm-related income[1] ..... farms..	39 905	474	1 289	3 962	12 874	6 665
$1,000..	260 021	10 844	16 150	32 301	69 820	39 639
Customwork and other agricultural services ..... farms..	10 656	203	595	1 721	4 522	1 600
$1,000..	86 843	6 988	9 640	19 186	32 938	9 872
Gross cash rent or share payments ..... farms..	11 241	80	157	515	1 636	1 599
$1,000..	134 239	(D)	2 614	6 039	21 400	25 138
Forest products, excluding Christmas trees and maple products ..... farms..	774	3	16	35	125	134
$1,000..	4 037	(D)	199	84	1 062	618
Other farm-related income sources ..... farms..	28 494	372	1 070	3 203	10 466	5 272
$1,000..	34 902	2 265	3 697	6 992	14 419	4 011
COMMODITY CREDIT CORPORATION LOANS						
Total ..... farms..	12 999	244	827	2 713	4 999	2 392
$1,000..	508 209	36 373	80 140	167 726	170 568	40 219
Corn ..... farms..	11 532	223	759	2 458	4 455	2 112
$1,000..	313 831	23 205	49 506	106 503	102 211	24 624
Wheat ..... farms..	14	–	1	–	5	4
$1,000..	17	–	(D)	–	8	1
Soybeans ..... farms..	6 070	126	461	1 364	2 444	1 010
$1,000..	194 281	13 168	30 624	61 217	68 314	15 571
Sorghum, barley, and oats ..... farms..	92	–	3	8	37	24
$1,000..	79	–	(D)	6	36	22
Cotton ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
Peanuts, rice, and tobacco ..... farms..	–	–	–	–	–	–
$1,000..	–	–	–	–	–	–
LAND IN FARMS ACCORDING TO USE						
Total cropland ..... farms..	83 375	947	2 880	8 764	19 042	13 540
acres..	26 821 844	1 332 255	3 148 179	6 777 405	8 596 719	3 428 853
Harvested cropland ..... farms..	74 951	914	2 842	8 707	18 927	13 373
acres..	23 323 249	1 274 345	2 992 109	6 382 576	7 782 255	2 874 071
Farms by acres harvested:						
1 to 49 acres	15 222	30	44	94	278	388
50 to 99 acres	8 807	15	36	65	361	680
100 to 199 acres	14 539	39	90	305	1 769	5 076
200 to 499 acres	21 216	138	439	1 861	10 814	7 086
500 to 999 acres	11 290	234	846	4 479	5 577	142
1,000 to 1,999 acres	3 429	254	1 163	1 886	125	1
2,000 acres or more	448	204	224	17	3	–
Cropland:						
Pasture or grazing only ..... farms..	28 797	231	786	2 722	6 612	4 822
acres..	2 001 198	30 464	93 295	257 046	560 483	370 068
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms..	12 494	139	400	1 296	2 512	1 809
acres..	672 119	11 673	23 792	57 355	113 667	83 119
On which all crops failed ..... farms..	1 188	8	32	119	307	179
acres..	41 542	756	2 563	7 452	11 860	4 738
In cultivated summer fallow ..... farms..	665	5	14	37	116	134
acres..	32 353	149	2 119	3 049	6 223	7 099
Idle ..... farms..	12 221	140	393	1 068	2 179	1 618
acres..	751 383	14 868	34 301	69 927	122 231	89 758
Total woodland ..... farms..	22 516	135	522	1 735	4 049	3 142
acres..	1 315 257	24 782	51 082	134 454	286 043	188 736
Woodland pastured ..... farms..	11 335	61	269	889	2 200	1 734
acres..	633 367	10 404	24 738	71 409	158 629	101 113
Woodland not pastured ..... farms..	15 072	100	367	1 209	2 681	2 021
acres..	681 890	14 378	26 344	63 045	127 414	87 623

See footnotes at end of table.

Table 52. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	$25,000 to $49,999	$10,000 to $24,999	$5,000 to $9,999	$2,500 to $4,999	$1,000 to $2,499	Less than $1,000
NET CASH RETURN FROM AGRICULTURAL SALES AND GOVERNMENT PAYMENTS FOR THE FARM UNIT (SEE TEXT)[1]						
All farms ..... number	11 484	12 069	7 683	5 663	5 071	2 143
$1,000	106 783	39 420	1 176	–9 557	–10 860	–8 184
Average per farm ..... dollars	9 298	3 266	153	–1 688	–2 142	–3 819
Farms with net gains[2] ..... number	9 173	8 679	4 675	2 563	1 469	69
Average net gain ..... dollars	14 036	6 963	3 265	1 649	764	233
Gain of—						
Less than $1,000	201	613	693	855	1 056	69
$1,000 to $9,999	3 052	6 021	3 982	1 708	413	–
$10,000 to $49,999	5 920	2 045	–	–	–	–
$50,000 or more	–	–	–	–	–	–
Farms with net losses ..... number	2 311	3 390	3 008	3 100	3 602	2 074
Average net loss ..... dollars	9 507	6 198	4 684	4 446	3 327	3 954
Loss of—						
Less than $1,000	201	479	625	633	1 018	322
$1,000 to $9,999	1 257	2 266	2 045	2 157	2 401	1 621
$10,000 to $49,999	841	644	330	293	183	131
$50,000 or more	12	1	8	17	–	–
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME						
Government payments ..... farms	8 926	8 166	4 585	3 126	2 337	268
$1,000	39 883	38 458	18 440	7 632	3 147	85
Other farm-related income[1] ..... farms	4 891	4 205	2 374	1 425	1 268	478
$1,000	27 780	29 167	16 620	8 521	7 386	1 792
Customwork and other agricultural services ..... farms	864	615	249	111	110	66
$1,000	4 821	2 075	757	286	136	146
Gross cash rent or share payments ..... farms	1 624	2 045	1 452	960	885	288
$1,000	20 389	25 896	15 083	7 892	6 642	(D)
Forest products, excluding Christmas trees and maple products ..... farms	100	88	100	80	73	20
$1,000	523	360	388	225	501	(D)
Other farm-related income sources ..... farms	3 592	2 385	1 010	551	421	152
$1,000	2 047	837	392	118	108	16
COMMODITY CREDIT CORPORATION LOANS						
Total ..... farms	1 179	492	101	38	12	2
$1,000	11 077	1 870	205	(D)	6	(D)
Corn ..... farms	987	424	80	25	7	2
$1,000	6 466	1 177	(D)	(D)	1	(D)
Wheat ..... farms	–	2	1	1	–	–
$1,000	–	(D)	(D)	(D)	–	–
Soybeans ..... farms	482	139	26	13	5	–
$1,000	4 609	684	77	11	5	–
Sorghum, barley, and oats ..... farms	9	9	–	2	–	–
$1,000	2	(D)	–	(D)	–	–
Cotton ..... farms	–	–	–	–	–	–
$1,000	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms	–	–	–	–	–	–
$1,000	–	–	–	–	–	–
Peanuts, rice, and tobacco ..... farms	–	–	–	–	–	–
$1,000	–	–	–	–	–	–
LAND IN FARMS ACCORDING TO USE						
Total cropland ..... farms	11 107	10 810	6 270	4 704	3 720	1 591
acres	1 758 309	1 084 723	399 471	180 912	84 202	30 816
Harvested cropland ..... farms	10 681	9 152	4 142	2 832	2 154	1 227
acres	1 275 418	543 218	118 450	46 790	22 973	11 044
Farms by acres harvested:						
1 to 49 acres	904	3 855	3 555	2 720	2 133	1 221
50 to 99 acres	2 868	4 136	522	102	17	5
100 to 199 acres	6 075	1 110	61	10	3	1
200 to 499 acres	822	51	4	–	1	–
500 to 999 acres	12	–	–	–	–	–
1,000 to 1,999 acres	–	–	–	–	–	–
2,000 acres or more	–	–	–	–	–	–
Cropland:						
Pasture or grazing only ..... farms	3 876	4 016	2 229	1 642	1 173	688
acres	266 045	237 786	97 965	50 262	23 379	14 405
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms	1 560	1 805	1 286	904	673	110
acres	100 760	139 776	83 947	38 325	18 002	1 703
On which all crops failed ..... farms	180	178	66	57	38	24
acres	4 452	4 801	1 481	1 392	771	1 276
In cultivated summer fallow ..... farms	114	109	57	42	20	17
acres	5 608	4 258	1 757	1 507	455	129
Idle ..... farms	1 500	1 962	1 461	1 030	744	126
acres	106 026	154 884	95 871	42 636	18 622	2 259
Total woodland ..... farms	2 909	3 634	2 394	1 850	1 520	626
acres	171 495	199 012	121 114	74 070	47 468	17 001
Woodland pastured ..... farms	1 638	1 924	1 096	723	500	301
acres	89 472	91 794	44 632	21 414	11 532	8 230
Woodland not pastured ..... farms	1 814	2 348	1 640	1 342	1 158	392
acres	82 023	107 218	76 482	52 656	35 936	8 771

See footnotes at end of table.

Table 52. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999
LAND IN FARMS ACCORDING TO USE—Con.						
Pastureland and rangeland other than cropland and woodland pastured..... farms..	18 756	182	519	1 608	3 638	2 612
acres..	1 440 627	54 949	100 928	215 055	351 379	214 013
Land in house lots, ponds, roads, wasteland, etc. ..... farms..	61 890	818	2 136	6 182	13 487	9 656
acres..	1 588 971	66 233	113 603	267 685	407 211	229 891
Irrigated land ..... farms..	957	41	83	144	256	115
acres..	124 983	11 058	26 527	31 049	42 123	8 539
Harvested cropland irrigated ..... farms..	930	40	82	143	254	114
acres..	123 084	(D)	(D)	(D)	(D)	(D)
Pasture and other land irrigated ..... farms..	35	2	1	2	3	1
acres..	1 899	(D)	(D)	(D)	(D)	(D)
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms..	24 137	217	689	2 181	4 338	2 987
acres..	1 707 901	22 924	56 784	143 652	289 904	214 433
VALUE OF LAND AND BUILDINGS[1]						
Estimated market value of land and buildings..... farms..	90 786	1 107	3 000	6 331	22 209	14 026
$1,000..	51 438 152	3 054 912	6 297 315	9 850 915	18 052 740	6 366 326
Average per farm .....dollars..	566 587	2 759 631	2 099 105	1 555 981	812 857	453 895
Average per acre .....dollars..	1 697	2 067	1 892	1 837	1 658	1 553
Farms by value group:						
$1 to $39,999	6 863	15	38	45	200	275
$40,000 to $69,999	6 204	8	76	27	111	296
$70,000 to $99,999	5 997	17	35	38	236	271
$100,000 to $149,999	8 505	33	29	43	482	504
$150,000 to $199,999	6 673	24	44	56	382	660
$200,000 to $499,999	24 213	106	200	411	4 582	7 074
$500,000 to $999,999	17 252	137	427	1 284	9 568	4 215
$1,000,000 to $1,999,999.....	10 795	239	791	2 667	6 137	673
$2,000,000 to $4,999,999.....	3 899	362	1 196	1 727	499	58
$5,000,000 or more	385	166	164	33	12	–
VALUE OF MACHINERY AND EQUIPMENT[1]						
Estimated market value of all machinery and equipment ..... farms..	90 747	1 107	3 000	6 331	22 209	14 026
$1,000..	7 318 851	370 820	777 278	1 316 503	2 679 546	972 599
Farms by value group:						
$1 to $4,999	5 590	–	4	3	64	172
$5,000 to $9,999	8 201	10	19	17	214	443
$10,000 to $19,999	13 192	20	40	68	583	1 200
$20,000 to $49,999	21 194	69	147	289	3 207	4 241
$50,000 to $99,999	17 049	95	283	800	6 520	4 616
$100,000 to $199,999	15 110	245	727	2 089	7 687	2 743
$200,000 to $499,999	9 363	436	1 456	2 836	3 737	584
$500,000 or more.....	1 048	232	324	229	197	27
SELECTED MACHINERY AND EQUIPMENT[1]						
Motortrucks, including pickups..... farms..	83 941	1 107	3 000	6 331	22 117	13 260
number..	147 779	4 919	10 089	15 422	41 463	21 772
Wheel tractors..... farms..	84 736	981	2 688	6 089	21 234	13 342
number..	255 019	4 870	11 568	26 126	79 862	42 524
Less than 40 horsepower (PTO) ..... farms..	38 074	351	1 026	2 503	8 837	5 620
number..	59 853	624	1 805	3 957	14 503	8 810
40 horsepower (PTO) or more ..... farms..	76 722	930	2 536	5 964	20 734	13 035
number..	195 166	4 246	9 763	22 169	65 359	33 714
40 to 99 horsepower (PTO) ..... farms..	63 516	757	2 014	4 654	16 764	10 545
number..	108 644	1 672	4 019	8 824	30 952	19 303
100 horsepower (PTO) or more..... farms..	49 966	744	2 037	5 388	18 422	10 102
number..	86 522	2 574	5 744	13 345	34 407	14 411
Grain and bean combines..... farms..	42 979	695	2 321	5 316	16 436	8 329
number..	46 717	859	2 634	5 918	17 835	8 880
Cotton pickers and strippers..... farms..	–	–	–	–	–	–
number..	–	–	–	–	–	–
Mower conditioners ..... farms..	24 751	295	854	1 901	7 797	4 189
number..	26 324	326	917	1 980	8 357	4 380
Pickup balers..... farms..	28 853	300	915	2 264	9 057	5 012
number..	34 622	372	1 140	2 801	11 045	6 021
AGRICULTURAL CHEMICALS[1]						
Commercial fertilizer ..... farms..	65 495	862	2 712	6 008	20 965	12 653
acres on which used..	14 473 220	784 667	1 871 725	2 986 930	5 724 569	1 868 096
Sprays, dusts, granules, fumigants, etc., to control—						
Insects on hay and other crops ..... farms..	24 957	455	1 218	3 014	9 401	4 789
acres on which used..	3 241 067	241 660	431 314	647 512	1 240 354	420 060
Nematodes in crops..... farms..	1 426	17	44	127	517	327
acres on which used..	175 517	7 783	14 868	31 545	68 499	33 719
Diseases in crops and orchards..... farms..	1 122	16	41	71	359	162
acres on which used..	131 187	6 704	15 760	20 383	56 409	16 692
Weeds, grass, or brush in crops and pasture ..... farms..	53 909	648	1 863	5 108	17 806	10 468
acres on which used..	16 674 094	922 640	1 963 174	3 642 860	6 830 347	2 086 790
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms..	43	5	7	8	1	7
acres on which used..	1 594	(D)	(D)	171	(D)	490

See footnotes at end of table.

Table 52. Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997—Con.

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

Item	$25,000 to $49,999	$10,000 to $24,999	$5,000 to $9,999	$2,500 to $4,999	$1,000 to $2,499	Less than $1,000
LAND IN FARMS ACCORDING TO USE—Con.						
Pastureland and rangeland other than cropland and woodland pastured ..... farms	2 396	2 821	1 844	1 363	1 134	639
acres	166 570	169 202	80 389	41 353	29 876	16 913
Land in house lots, ponds, roads, wasteland, etc. ..... farms	7 881	7 889	4 953	3 862	3 424	1 602
acres	155 515	162 287	84 790	50 198	39 924	11 634
Irrigated land ..... farms	86	95	46	35	33	23
acres	2 912	1 732	405	125	426	87
Harvested cropland irrigated ..... farms	85	92	40	32	27	21
acres	(D)	(D)	(D)	(D)	396	73
Pasture and other land irrigated ..... farms	3	5	6	3	6	3
acres	(D)	(D)	(D)	(D)	30	14
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms	2 809	3 894	3 064	2 170	1 714	74
acres	251 136	376 920	216 905	94 593	40 150	500
VALUE OF LAND AND BUILDINGS[1]						
Estimated market value of land and buildings ..... farms	11 484	12 069	7 683	5 663	5 071	2 143
$1,000	3 070 564	2 322 392	1 046 699	660 839	496 941	218 508
Average per farm ..... dollars	267 378	192 426	136 236	116 694	97 997	101 964
Average per acre ..... dollars	1 399	1 414	1 486	1 921	2 511	2 935
Farms by value group:						
$1 to $39,999	503	846	1 277	1 447	1 594	623
$40,000 to $69,999	512	1 360	1 190	1 246	932	446
$70,000 to $99,999	495	1 581	1 389	819	819	297
$100,000 to $149,999	1 333	2 555	1 513	922	760	331
$150,000 to $199,999	1 623	1 847	980	410	466	181
$200,000 to $499,999	6 062	3 317	1 157	663	429	212
$500,000 to $999,999	819	437	129	129	55	52
$1,000,000 to $1,999,999	133	79	47	19	9	1
$2,000,000 to $4,999,999	3	39	1	8	6	–
$5,000,000 or more	1	8	–	–	1	–
VALUE OF MACHINERY AND EQUIPMENT[1]						
Estimated market value of all machinery and equipment ..... farms	11 484	12 069	7 660	5 654	5 064	2 143
$1,000	454 160	325 008	168 980	117 526	95 571	40 862
Farms by value group:						
$1 to $4,999	563	1 038	1 177	1 046	1 014	509
$5,000 to $9,999	1 073	1 928	1 674	1 198	1 210	415
$10,000 to $19,999	2 383	3 287	2 094	1 543	1 341	633
$20,000 to $49,999	4 325	4 176	1 894	1 346	1 104	396
$50,000 to $99,999	2 275	1 138	592	336	262	132
$100,000 to $199,999	700	434	159	162	117	47
$200,000 to $499,999	141	60	70	16	16	11
$500,000 or more	24	8	–	7	–	–
SELECTED MACHINERY AND EQUIPMENT[1]						
Motortrucks, including pickups ..... farms	10 246	10 672	6 423	4 846	4 200	1 739
number	15 193	15 306	8 976	6 678	5 479	2 482
Wheel tractors ..... farms	10 770	11 180	6 931	5 152	4 468	1 901
number	28 412	26 234	14 035	9 863	8 259	3 266
Less than 40 horsepower (PTO) ..... farms	4 829	5 407	3 377	2 744	2 393	987
number	7 696	8 555	4 963	4 010	3 444	1 486
40 horsepower (PTO) or more ..... farms	9 971	9 741	5 564	3 797	3 170	1 280
number	20 716	17 679	9 072	5 853	4 815	1 780
40 to 99 horsepower (PTO) ..... farms	8 254	8 431	4 796	3 325	2 830	1 146
number	13 718	13 366	6 880	4 589	3 855	1 466
100 horsepower (PTO) or more ..... farms	5 659	3 647	1 814	1 071	828	254
number	6 998	4 313	2 192	1 264	960	314
Grain and bean combines ..... farms	4 617	3 242	1 000	510	416	97
number	4 950	3 467	1 075	539	463	97
Cotton pickers and strippers ..... farms	–	–	–	–	–	–
number	–	–	–	–	–	–
Mower conditioners ..... farms	2 948	3 333	1 640	834	685	275
number	3 136	3 594	1 723	888	729	294
Pickup balers ..... farms	3 745	3 645	1 836	971	677	431
number	4 442	4 367	2 098	1 119	740	477
AGRICULTURAL CHEMICALS[1]						
Commercial fertilizer ..... farms	9 335	7 115	2 793	1 538	969	545
acres on which used	787 269	331 041	77 286	25 277	9 769	6 591
Sprays, dusts, granules, fumigants, etc., to control—						
Insects on hay and other crops ..... farms	2 847	1 938	617	337	201	140
acres on which used	173 548	69 879	10 196	3 615	1 543	1 386
Nematodes in crops ..... farms	166	144	31	40	5	8
acres on which used	11 920	6 064	571	448	20	80
Diseases in crops and orchards ..... farms	131	161	60	56	36	29
acres on which used	8 189	5 642	772	327	217	92
Weeds, grass, or brush in crops and pasture ..... farms	7 596	5 823	2 238	1 204	800	355
acres on which used	829 429	306 045	57 695	21 721	8 222	5 171
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms	–	1	–	1	7	6
acres on which used	–	(D)	–	(D)	7	12

See footnotes at end of table.

Table 52. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997**—Con.

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

Item		All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999
TENURE AND RACE OF OPERATOR							
All operators		90 792	1 107	3 069	8 970	19 462	13 928
Full owners		42 902	284	488	1 102	3 984	5 188
Part owners		32 996	716	2 187	6 512	11 497	5 507
Tenants		14 894	107	394	1 356	3 981	3 233
White		90 669	1 106	3 067	8 965	19 441	13 912
Full owners		42 830	284	487	1 101	3 981	5 183
Part owners		32 961	715	2 186	6 508	11 482	5 502
Tenants		14 878	107	394	1 356	3 978	3 227
Black and other races		123	1	2	5	21	16
Full owners		72	–	1	1	3	5
Part owners		35	1	1	4	15	5
Tenants		16	–	–	–	3	6
OWNED AND RENTED LAND							
Land owned	farms	76 916	1 006	2 685	7 656	15 663	10 958
	acres	16 795 890	576 162	1 188 232	2 688 536	4 289 578	2 552 199
Owned land in farms	farms	75 898	1 000	2 675	7 614	15 481	10 695
	acres	14 354 684	549 905	1 137 119	2 560 457	3 960 649	2 184 403
Land rented or leased from others	farms	48 208	825	2 586	7 884	15 514	8 784
	acres	16 988 397	931 027	2 282 093	4 877 916	5 710 062	1 911 204
	landlords	120 737	3 991	11 765	29 228	40 696	15 880
Rented or leased land in farms	farms	47 890	823	2 581	7 868	15 478	8 740
	acres	16 812 015	928 314	2 276 673	4 834 142	5 680 703	1 877 090
Land rented or leased to others	farms	16 229	138	266	776	1 933	2 033
	acres	2 617 588	28 970	56 533	171 853	358 288	401 910
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated		66 661	808	2 518	7 743	16 219	10 259
Not on farm operated		19 439	240	341	840	2 642	3 154
Not reported		4 692	59	210	387	601	515
Operators by principal occupation:							
Farming		56 256	1 007	2 869	8 479	17 151	9 928
Other		34 536	100	200	491	2 311	4 000
Operators by days worked off farm:							
None		40 767	831	2 253	6 259	11 401	6 354
Any		45 408	222	619	2 239	7 166	6 844
1 to 99 days		9 726	96	329	1 309	3 185	1 661
100 to 199 days		7 009	33	88	404	1 533	1 304
200 days or more		28 673	93	202	526	2 448	3 879
Not reported		4 617	54	197	472	895	730
Operators by years on present farm:							
2 years or less		3 505	33	80	133	383	504
3 or 4 years		4 287	52	68	199	560	602
5 to 9 years		10 433	98	217	610	1 760	1 462
10 years or more		60 710	752	2 253	7 089	14 967	9 887
Average years on present farm		22.3	22.5	23.2	23.8	23.8	24.0
Not reported		11 857	172	451	939	1 792	1 473
Operators by age group:							
Under 25 years		1 468	11	29	83	222	239
25 to 34 years		7 554	81	277	736	1 851	1 259
35 to 44 years		20 841	350	1 016	2 842	5 308	2 910
45 to 49 years		11 388	179	524	1 443	2 744	1 638
50 to 54 years		10 125	138	376	1 167	2 145	1 435
55 to 59 years		9 798	119	338	1 034	2 285	1 454
60 to 64 years		9 402	93	238	877	2 312	1 563
65 to 69 years		7 812	69	139	413	1 258	1 449
70 years and over		12 404	67	132	375	1 337	1 981
Average age		52.4	49.1	47.9	48.5	49.8	52.8
Operators by sex:							
Male		86 174	1 093	3 025	8 852	19 124	13 480
Female		4 618	14	44	118	338	448
Operators of Spanish, Hispanic, or Latino origin (see text)		343	4	15	48	54	61
FARMS BY TYPE OF ORGANIZATION							
Individual or family (sole proprietorship)	farms	75 880	471	1 752	6 535	16 161	11 869
	acres	23 526 085	569 604	1 887 241	5 270 105	7 914 703	3 441 427
Partnership	farms	8 231	216	451	851	1 651	1 348
	acres	3 373 783	389 336	572 942	704 315	798 494	404 889
Corporation:							
Family held	farms	5 733	369	802	1 527	1 525	615
	acres	3 992 642	470 054	925 178	1 389 316	872 411	189 571
More than 10 stockholders	farms	104	14	10	21	17	18
10 or less stockholders	farms	5 629	355	792	1 506	1 508	597
Other than family held	farms	395	48	53	40	52	31
	acres	126 835	(D)	16 239	12 602	21 290	7 308
More than 10 stockholders	farms	64	14	7	3	6	5
10 or less stockholders	farms	331	34	46	37	46	26
Other—cooperative, estate or trust, institutional, etc.	farms	553	3	11	17	73	65
	acres	147 354	(D)	12 192	18 261	34 454	18 298

See footnotes at end of table.

Table 52. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	$25,000 to $49,999	$10,000 to $24,999	$5,000 to $9,999	$2,500 to $4,999	$1,000 to $2,499	Less than $1,000
TENURE AND RACE OF OPERATOR						
All operators	11 653	11 965	7 499	5 869	5 038	2 232
Full owners	6 323	8 369	6 036	4 881	4 367	1 880
Part owners	2 905	1 914	785	510	303	160
Tenants	2 425	1 682	678	478	368	192
White	11 640	11 943	7 488	5 859	5 025	2 223
Full owners	6 313	8 351	6 029	4 872	4 355	1 874
Part owners	2 903	1 913	781	510	302	159
Tenants	2 424	1 679	678	477	368	190
Black and other races	13	22	11	10	13	9
Full owners	10	18	7	9	12	6
Part owners	2	1	4	–	1	1
Tenants	1	3	–	1	–	2
OWNED AND RENTED LAND						
Land owned farms	9 467	10 439	6 863	5 429	4 703	2 047
acres	1 892 397	1 791 294	893 088	504 707	319 767	99 930
Owned land in farms farms	9 228	10 283	6 821	5 391	4 670	2 040
acres	1 513 427	1 300 752	599 145	309 380	176 689	62 758
Land rented or leased from others farms	5 381	3 677	1 496	1 014	692	355
acres	761 555	332 957	94 661	41 326	27 320	18 276
landlords	8 594	5 549	2 152	1 450	959	473
Rented or leased land in farms farms	5 330	3 596	1 463	988	671	352
acres	738 462	314 472	86 619	37 153	24 781	13 606
Land rented or leased to others farms	2 258	3 208	2 215	1 642	1 351	409
acres	402 063	509 027	301 985	199 500	145 617	41 842
OPERATOR CHARACTERISTICS						
Operators by place of residence:						
On farm operated	7 784	7 685	4 713	3 746	3 412	1 774
Not on farm operated	3 337	3 596	2 201	1 591	1 200	297
Not reported	532	684	585	532	426	161
Operators by principal occupation:						
Farming	6 604	5 090	2 275	1 438	1 038	377
Other	5 049	6 875	5 224	4 431	4 000	1 855
Operators by days worked off farm:						
None	4 468	3 917	2 245	1 478	1 151	410
Any	6 550	7 334	4 890	4 120	3 675	1 749
1 to 99 days	1 062	873	509	325	280	97
100 to 199 days	1 029	1 010	613	461	361	173
200 days or more	4 459	5 451	3 768	3 334	3 034	1 479
Not reported	635	714	364	271	212	73
Operators by years on present farm:						
2 years or less	524	650	407	310	295	186
3 or 4 years	604	651	475	438	409	229
5 to 9 years	1 419	1 595	1 070	903	875	424
10 years or more	7 670	7 311	4 212	3 109	2 448	1 012
Average years on present farm	23.2	22.1	20.2	18.7	16.9	14.6
Not reported	1 436	1 758	1 335	1 109	1 011	381
Operators by age group:						
Under 25 years	231	263	140	115	97	38
25 to 34 years	1 012	890	488	377	378	205
35 to 44 years	2 181	2 076	1 325	1 161	1 129	543
45 to 49 years	1 184	1 173	835	702	623	343
50 to 54 years	1 202	1 223	819	739	586	295
55 to 59 years	1 115	1 238	812	643	532	228
60 to 64 years	1 172	1 217	693	569	474	194
65 to 69 years	1 277	1 266	786	531	457	167
70 years and over	2 279	2 619	1 601	1 032	762	219
Average age	54.5	55.5	55.6	54.2	52.9	50.5
Operators by sex:						
Male	11 061	11 037	6 692	5 260	4 536	2 014
Female	592	928	807	609	502	218
Operators of Spanish, Hispanic, or Latino origin (see text)	50	53	25	16	13	4
FARMS BY TYPE OF ORGANIZATION						
Individual or family (sole proprietorship) farms	9 999	10 444	6 658	5 308	4 590	2 093
acres	1 907 674	1 393 184	596 580	304 365	172 382	68 820
Partnership farms	1 167	1 142	592	396	319	98
acres	238 004	155 459	58 533	28 474	18 222	5 115
Corporation:						
Family held farms	354	240	144	75	64	18
acres	76 024	41 593	17 179	5 325	4 421	1 570
More than 10 stockholders farms	12	2	8	2	–	–
10 or less stockholders farms	342	238	136	73	64	18
Other than family held farms	37	47	26	29	24	8
acres	8 076	7 620	2 716	2 235	4 444	(D)
More than 10 stockholders farms	5	6	5	7	6	–
10 or less stockholders farms	32	41	21	22	18	8
Other—cooperative, estate or trust, institutional, etc. farms	96	92	79	61	41	15
acres	22 111	17 368	10 756	6 134	2 001	(D)

See footnotes at end of table.

Table 52. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999
INJURIES AND DEATHS						
Farm-related injuries:						
Operator and family members ..... farms..	1 131	25	61	179	341	199
number..	1 314	30	77	215	394	219
Hired workers ..... farms..	346	87	77	64	69	18
number..	604	283	95	73	86	21
Farm-related deaths:						
Operator and family members ..... farms..	30	2	3	1	5	5
number..	30	(D)	(D)	(D)	(D)	(D)
Hired workers ..... farms..	6	1	1	2	–	–
number..	6	(D)	(D)	(D)	–	–
FARMS BY SIZE						
1 to 9 acres	5 049	51	126	156	357	331
10 to 49 acres	11 580	114	103	129	251	256
50 to 69 acres	3 183	11	13	16	62	79
70 to 99 acres	6 718	12	23	32	148	220
100 to 139 acres	6 517	27	28	51	232	469
140 to 179 acres	8 107	21	36	116	562	1 816
180 to 219 acres	5 265	14	29	85	585	1 717
220 to 259 acres	5 093	20	48	158	755	2 127
260 to 499 acres	18 560	101	307	1 247	7 871	5 558
500 to 999 acres	14 833	221	772	4 131	7 830	1 265
1,000 to 1,999 acres	5 114	277	1 208	2 727	783	83
2,000 acres or more	773	238	376	122	26	7
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM						
Oilseed and grain farming (1111)	53 656	169	1 249	5 475	13 374	10 319
Vegetable and melon farming (1112)	255	–	3	3	10	10
Fruit and tree nut farming (1113)	203	–	–	–	7	9
Greenhouse, nursery, and floriculture production (1114)	641	14	17	28	54	63
Other crop farming (1119)	3 871	9	59	170	303	279
Tobacco farming (11191)	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	3 871	9	59	170	303	279
Beef cattle ranching and farming (112111)	11 392	48	96	259	633	781
Cattle feedlots (112112)	3 914	262	336	456	635	487
Dairy cattle and milk production (11212)	2 675	22	58	383	1 258	546
Hog and pig farming (1122)	9 388	460	1 116	1 996	2 785	1 201
Poultry and egg production (1123)	448	99	48	36	52	13
Sheep and goat farming (1124)	1 251	2	4	10	22	21
Animal aquaculture and other animal production (1125, 1129)	3 098	22	83	154	329	199
LIVESTOCK						
Cattle and calves inventory ..... farms..	38 435	520	1 402	3 987	8 914	6 123
number..	3 647 129	521 021	443 654	660 261	933 017	450 664
Farms with—						
1 to 9	3 947	7	33	125	328	282
10 to 49	15 149	31	126	646	2 093	2 258
50 to 99	8 960	21	176	763	2 634	2 082
100 to 199	6 468	33	254	1 174	2 841	1 224
200 to 499	3 085	81	524	1 148	969	268
500 or more	826	347	289	131	49	9
Cows and heifers that had calved ..... farms..	30 804	205	812	2 954	7 316	5 146
number..	1 251 314	38 192	88 301	210 041	388 060	208 565
Beef cows ..... farms..	27 452	168	705	2 423	5 860	4 506
number..	1 029 172	25 189	68 831	153 412	293 131	181 857
Farms with—						
1 to 9	4 760	8	30	151	479	420
10 to 49	16 051	47	239	1 093	3 059	2 729
50 to 99	4 747	40	232	699	1 638	1 048
100 to 199	1 556	38	129	382	587	288
200 to 499	310	28	60	94	97	19
500 or more	28	7	15	4	–	2
Milk cows ..... farms..	4 208	39	134	639	1 739	812
number..	222 142	13 003	19 470	56 629	94 929	26 708
Farms with—						
1 to 4	332	–	3	11	23	42
5 to 9	156	–	–	2	7	26
10 to 49	1 861	5	12	87	692	606
50 to 99	1 418	4	33	315	919	135
100 to 199	353	2	51	200	97	3
200 to 499	80	22	33	24	1	–
500 or more	8	6	2	–	–	–
Heifers and heifer calves ..... farms..	28 885	356	971	2 973	6 958	4 775
number..	1 026 132	181 157	138 773	196 758	254 546	109 969
Steers, steer calves, bulls, and bull calves ..... farms..	33 184	450	1 208	3 477	7 751	5 402
number..	1 369 683	301 672	216 580	253 462	290 411	132 130

See footnotes at end of table.

Table 52. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	$25,000 to $49,999	$10,000 to $24,999	$5,000 to $9,999	$2,500 to $4,999	$1,000 to $2,499	Less than $1,000
INJURIES AND DEATHS						
Farm-related injuries:						
Operator and family members ..... farms..	117	83	49	36	24	17
number..	143	95	55	44	24	18
Hired workers ..... farms..	13	8	6	2	1	1
number..	16	10	14	(D)	(D)	(D)
Farm-related deaths:						
Operator and family members ..... farms..	5	4	3	–	1	1
number..	(D)	(D)	(D)	–	(D)	(D)
Hired workers ..... farms..	–	1	1	–	–	–
number..	–	(D)	(D)	–	–	–
FARMS BY SIZE						
1 to 9 acres	394	609	579	714	1 131	601
10 to 49 acres	363	1 584	2 177	2 597	2 732	1 274
50 to 69 acres	183	963	701	678	367	110
70 to 99 acres	1 187	2 316	1 349	926	397	108
100 to 139 acres	2 080	1 819	1 104	464	177	66
140 to 179 acres	2 707	1 704	784	234	107	20
180 to 219 acres	1 319	967	356	119	56	18
220 to 259 acres	1 012	703	180	59	29	2
260 to 499 acres	1 976	1 163	227	60	32	18
500 to 999 acres	416	124	37	14	8	15
1,000 to 1,999 acres	16	11	4	4	1	–
2,000 acres or more	–	2	1	–	1	–
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM						
Oilseed and grain farming (1111)	8 115	6 525	3 445	2 585	2 221	179
Vegetable and melon farming (1112)	19	43	43	52	33	39
Fruit and tree nut farming (1113)	10	30	25	22	37	63
Greenhouse, nursery, and floriculture production (1114)	72	120	85	72	94	22
Other crop farming (1119)	396	710	592	522	479	352
Tobacco farming (11191)	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	396	710	592	522	479	352
Beef cattle ranching and farming (112111)	1 368	2 912	2 216	1 512	1 004	563
Cattle feedlots (112112)	476	529	285	247	173	28
Dairy cattle and milk production (11212)	270	117	7	5	6	3
Hog and pig farming (1122)	722	569	227	145	119	48
Poultry and egg production (1123)	10	10	24	34	67	55
Sheep and goat farming (1124)	43	120	214	310	362	143
Animal aquaculture and other animal production (1125, 1129)	152	280	336	363	443	737
LIVESTOCK						
Cattle and calves inventory ..... farms..	5 012	5 395	3 025	2 011	1 309	737
number..	283 461	217 914	79 658	34 894	15 578	7 007
Farms with—						
1 to 9	311	461	502	637	669	592
10 to 49	2 354	3 379	2 216	1 299	614	133
50 to 99	1 612	1 302	275	65	22	8
100 to 199	660	236	30	10	4	2
200 to 499	75	16	2	–	–	2
500 or more	–	1	–	–	–	–
Cows and heifers that had calved ..... farms..	4 309	4 611	2 499	1 569	925	458
number..	138 784	111 764	40 683	17 236	6 893	2 795
Beef cows ..... farms..	3 967	4 468	2 471	1 539	903	442
number..	130 225	109 445	40 453	17 087	6 814	2 728
Farms with—						
1 to 9	473	659	694	769	688	389
10 to 49	2 693	3 445	1 729	759	208	50
50 to 99	691	336	45	10	7	1
100 to 199	102	25	3	1	–	1
200 to 499	8	3	–	–	–	1
500 or more	–	–	–	–	–	–
Milk cows ..... farms..	450	214	69	49	37	26
number..	8 559	2 319	230	149	79	67
Farms with—						
1 to 4	57	54	49	38	33	22
5 to 9	36	48	20	9	4	4
10 to 49	346	111	–	2	–	–
50 to 99	11	1	–	–	–	–
100 to 199	–	–	–	–	–	–
200 to 499	–	–	–	–	–	–
500 or more	–	–	–	–	–	–
Heifers and heifer calves ..... farms..	3 879	4 034	2 160	1 431	859	489
number..	65 738	47 801	17 510	8 006	3 970	1 904
Steers, steer calves, bulls, and bull calves ..... farms..	4 445	4 696	2 552	1 639	1 023	541
number..	78 939	58 349	21 465	9 652	4 715	2 308

See footnotes at end of table.

Table 52. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997**—Con.

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

Item		All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999
LIVESTOCK—Con.							
Cattle and calves sold	farms	38 548	536	1 461	4 106	9 088	6 226
	number	2 881 122	860 435	440 226	483 944	531 785	240 471
	$1,000	1 850 796	650 868	316 352	315 570	302 414	122 063
Calves	farms	13 659	75	226	981	2 855	2 130
	number	374 343	15 204	24 443	57 167	102 875	59 898
	$1,000	104 629	3 832	6 728	15 662	27 548	16 825
Cattle	farms	31 926	509	1 364	3 708	7 827	5 256
	number	2 506 779	845 231	415 783	426 777	428 910	180 573
	$1,000	1 746 167	647 036	309 623	299 908	274 865	105 238
Fattened on grain and concentrates	farms	13 071	401	974	2 209	3 907	2 137
	number	1 646 477	713 125	322 003	284 051	220 079	64 213
	$1,000	1 269 513	556 086	251 073	219 089	165 277	47 299
Hogs and pigs inventory	farms	17 243	662	1 835	3 908	5 670	2 342
	number	14 651 919	4 086 548	3 285 674	3 579 429	2 767 700	617 288
Farms with—							
1 to 24		1 258	3	7	33	159	168
25 to 49		730	1	5	37	146	143
50 to 99		1 172	–	12	84	303	255
100 to 199		2 040	4	36	200	695	574
200 to 499		4 653	22	168	869	2 256	906
500 or more		7 390	632	1 607	2 685	2 111	296
Used or to be used for breeding	farms	10 708	348	1 000	2 473	3 739	1 500
	number	1 366 141	361 334	275 784	335 022	277 388	79 458
Other	farms	16 685	658	1 809	3 839	5 522	2 242
	number	13 285 778	3 725 214	3 009 890	3 244 407	2 490 312	537 830
Hogs and pigs sold	farms	18 370	673	1 883	4 090	6 065	2 570
	number	27 495 818	8 637 144	6 737 258	6 455 516	4 385 162	873 050
	$1,000	3 029 972	1 020 234	722 326	686 230	473 145	89 989
Feeder pigs	farms	2 344	84	255	534	726	288
	number	4 476 541	1 054 338	1 338 378	1 194 245	650 425	138 670
	$1,000	178 272	45 643	53 903	42 805	26 250	5 793
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30	farms	11 231	354	1 023	2 560	3 908	1 607
	number	2 167 455	621 916	467 854	539 772	401 786	93 656
Dec. 1 and May 31	farms	10 722	350	1 008	2 512	3 778	1 495
	number	1 082 030	306 859	232 508	270 971	203 492	47 094
June 1 and Nov. 30	farms	10 412	346	1 002	2 462	3 656	1 469
	number	1 085 425	315 057	235 346	268 801	198 294	46 562
Sheep and lambs of all ages inventory	farms	4 431	23	86	302	793	617
	number	265 305	11 548	25 945	38 319	60 930	34 451
Ewes 1 year old or older	farms	4 037	18	67	268	732	562
	number	138 269	4 718	5 275	14 685	32 967	19 986
Sheep and lambs sold	farms	4 536	23	95	322	825	639
	number	319 349	21 330	37 200	65 573	75 418	36 483
Sheep and lambs shorn	farms	3 945	19	72	278	730	547
	number	241 676	12 861	17 752	37 324	64 748	30 773
	pounds of wool	1 517 411	68 856	87 244	197 591	406 121	206 781
Horses and ponies inventory	farms	9 636	91	201	591	1 414	1 019
	number	60 421	731	1 092	2 967	8 165	6 032
Horses and ponies sold	farms	2 199	11	27	88	250	169
	number	9 605	(D)	(D)	467	1 345	1 288
Goats inventory	farms	955	2	5	23	79	83
	number	12 275	(D)	(D)	404	1 651	1 588
Goats sold	farms	379	–	1	10	31	36
	number	5 043	–	(D)	(D)	459	443
POULTRY							
Layers and pullets 13 weeks old and older inventory (see text)	farms	1 892	60	33	76	218	211
	number	24 876 834	23 023 036	(D)	530 211	(D)	48 004
Farms with—							
1 to 399		1 714	2	14	54	173	202
400 to 3,199		40	–	1	1	10	5
3,200 to 9,999		31	1	1	5	19	3
10,000 to 19,999		22	1	3	3	14	1
20,000 to 49,999		20	1	7	11	1	–
50,000 to 99,999		19	10	6	2	1	–
100,000 or more		46	45	1	–	–	–
Layers 20 weeks old and older	farms	1 831	56	32	72	214	203
	number	21 509 521	19 951 264	623 480	451 823	404 500	23 268
Pullets 13 weeks old and older but less than 20 weeks old	farms	306	17	4	11	24	45
	number	3 367 313	3 071 772	(D)	78 388	(D)	24 736
Layers, pullets, and pullet chicks sold (see text)	farms	308	45	20	38	56	25
	number	18 534 679	15 671 009	1 084 945	797 577	543 169	410 802
Broilers and other meat-type chickens sold	farms	519	6	17	40	91	59
	number	6 852 810	1 760 450	2 743 165	1 402 927	686 257	99 836
Farms with—							
1 to 1,999		466	1	7	31	79	55
2,000 to 59,999		24	–	–	1	6	4
60,000 to 99,999		6	–	–	2	4	–
100,000 or more		23	5	10	6	2	–
Turkey hens kept for breeding	farms	132	1	3	2	12	10
	number	25 726	(D)	4	(D)	14 729	(D)
Turkeys sold	farms	206	40	32	25	21	10
	number	7 279 601	5 336 780	1 355 530	474 023	82 466	15 581

See footnotes at end of table.

Table 52. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	$25,000 to $49,999	$10,000 to $24,999	$5,000 to $9,999	$2,500 to $4,999	$1,000 to $2,499	Less than $1,000
LIVESTOCK—Con.						
Cattle and calves sold ..... farms..	5 094	5 474	3 049	1 977	1 245	292
number..	147 751	116 062	38 967	15 256	5 426	799
$1,000..	69 979	49 926	15 707	5 831	1 911	177
Calves ..... farms..	1 990	2 380	1 408	911	549	154
number..	44 941	42 260	16 773	7 346	2 841	595
$1,000..	13 647	12 828	4 898	1 936	643	81
Cattle ..... farms..	4 145	4 339	2 300	1 454	875	149
number..	102 810	73 802	22 194	7 910	2 585	204
$1,000..	56 332	37 098	10 809	3 895	1 268	95
Fattened on grain and concentrates .... farms..	1 381	1 000	483	344	207	28
number..	26 632	11 805	2 888	1 222	429	30
$1,000..	19 164	8 376	1 998	842	289	20
Hogs and pigs inventory ..... farms..	1 239	836	333	205	125	88
number..	194 882	90 221	13 574	5 076	7 258	4 269
Farms with—						
1 to 24	178	220	173	131	106	80
25 to 49	118	125	88	53	13	1
50 to 99	249	201	49	16	1	2
100 to 199	320	191	14	4	2	–
200 to 499	334	87	6	1	2	2
500 or more	40	12	3	–	1	3
Used or to be used for breeding ..... farms..	783	522	198	81	42	22
number..	21 194	9 853	2 020	614	327	3 147
Other ..... farms..	1 172	772	285	193	113	80
number..	173 688	80 368	11 554	4 462	6 931	1 122
Hogs and pigs sold..... farms..	1 350	940	366	233	153	47
number..	276 762	106 250	17 530	5 022	1 888	236
$1,000..	26 499	9 239	1 578	524	183	25
Feeder pigs ..... farms..	198	161	61	21	14	2
number..	66 917	26 895	5 212	982	(D)	(D)
$1,000..	2 514	1 113	201	35	(D)	(D)
Litters of pigs farrowed between—						
Dec. 1 of preceding year and Nov. 30 .... farms..	840	563	216	88	49	23
number..	27 522	11 859	2 133	509	309	139
Dec. 1 and May 31..... farms..	772	500	187	66	37	17
number..	13 535	6 004	1 131	257	111	68
June 1 and Nov. 30 ..... farms..	740	463	161	65	34	14
number..	13 987	5 855	1 002	252	198	71
Sheep and lambs of all ages inventory..... farms..	530	594	445	462	415	164
number..	25 393	28 230	16 087	13 172	8 200	3 030
Ewes 1 year old or older ..... farms..	486	550	408	426	376	144
number..	16 189	17 382	11 150	8 810	5 225	1 882
Sheep and lambs sold..... farms..	543	594	450	477	428	140
number..	22 628	24 753	15 301	12 747	6 739	1 177
Sheep and lambs shorn ..... farms..	473	529	401	418	353	125
number..	21 545	22 088	14 388	11 903	6 364	1 930
pounds of wool..	150 015	164 981	97 719	80 947	44 365	12 791
Horses and ponies inventory ..... farms..	988	1 336	1 038	952	918	1 088
number..	6 403	8 842	7 307	6 575	5 003	7 304
Horses and ponies sold..... farms..	233	337	356	331	296	101
number..	1 053	1 644	1 444	898	591	144
Goats inventory ..... farms..	109	126	120	134	136	138
number..	2 984	1 687	1 029	948	917	1 004
Goats sold ..... farms..	43	53	53	55	63	34
number..	698	924	570	423	434	205
POULTRY						
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	262	264	198	208	196	166
number..	28 145	21 848	11 557	6 426	5 660	3 454
Farms with—						
1 to 399	249	258	193	208	195	166
400 to 3,199	12	5	5	–	1	–
3,200 to 9,999.....	1	1	–	–	–	–
10,000 to 19,999	–	–	–	–	–	–
20,000 to 49,999	–	–	–	–	–	–
50,000 to 99,999	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–
Layers 20 weeks old and older ..... farms..	254	256	189	200	193	162
number..	21 673	11 189	8 527	5 829	4 908	3 060
Pullets 13 weeks old and older but less than 20 weeks old ..... farms..	46	37	33	33	30	26
number..	6 472	10 659	3 030	597	752	394
Layers, pullets, and pullet chicks sold (see text)..... farms..	31	32	14	21	15	11
number..	12 844	10 941	567	855	1 780	190
Broilers and other meat-type chickens sold .. farms..	61	56	50	62	46	31
number..	98 831	13 273	21 928	13 291	10 749	2 103
Farms with—						
1 to 1,999.....	51	56	47	62	46	31
2,000 to 59,999.....	10	–	3	–	–	–
60,000 to 99,999	–	–	–	–	–	–
100,000 or more	–	–	–	–	–	–
Turkey hens kept for breeding ..... farms..	12	17	21	16	22	16
number..	131	87	84	75	80	56
Turkeys sold ..... farms..	13	10	16	17	17	5
number..	11 181	1 633	816	1 214	357	20

See footnotes at end of table.

Table 52. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999
SELECTED CROPS HARVESTED						
Corn for grain or seed ..... farms..	61 860	868	2 773	8 565	18 509	12 726
acres..	11 595 308	671 313	1 554 963	3 266 525	3 892 829	1 387 027
bushels..	1 537 482 128	93 973 439	218 049 410	444 676 652	509 377 029	174 431 632
Irrigated ..... farms..	440	24	56	104	155	52
acres..	77 831	8 423	17 450	19 876	25 018	4 925
Farms by acres harvested:						
1 to 24 acres	6 289	10	18	50	181	321
25 to 99 acres	19 305	46	95	287	1 991	5 374
100 to 249 acres	20 600	118	382	1 750	10 382	6 798
250 to 499 acres	11 229	185	794	4 308	5 687	230
500 acres or more	4 437	509	1 484	2 170	268	3
Corn for silage or green chop ..... farms..	8 405	263	659	1 616	3 072	1 450
acres..	241 549	28 545	35 898	56 479	73 268	27 767
tons, green..	3 993 158	529 654	604 101	936 365	1 188 678	431 617
Irrigated ..... farms..	10	1	–	–	6	–
acres..	342	(D)	–	–	238	–
Farms by acres harvested:						
1 to 24 acres	5 276	27	184	753	2 029	1 137
25 to 99 acres	2 739	121	365	775	994	293
100 to 249 acres	341	95	98	81	42	17
250 to 499 acres	42	14	12	7	6	3
500 acres or more	7	6	–	–	1	–
Wheat for grain ..... farms..	719	8	56	144	196	112
acres..	22 123	1 043	2 839	4 589	6 716	2 860
bushels..	905 333	40 144	121 244	199 919	281 310	124 037
Irrigated ..... farms..	–	–	–	–	–	–
acres..	–	–	–	–	–	–
Farms by acres harvested:						
1 to 24 acres	447	2	17	85	108	82
25 to 99 acres	235	3	32	50	78	25
100 to 249 acres	28	1	6	8	7	3
250 to 499 acres	9	2	1	1	3	2
500 acres or more	–	–	–	–	–	–
Oats for grain ..... farms..	10 823	125	510	1 565	3 606	2 199
acres..	211 985	4 371	15 421	37 729	73 956	41 337
bushels..	14 293 977	339 343	1 136 102	2 731 001	5 134 183	2 678 027
Irrigated ..... farms..	2	–	–	–	2	–
acres..	(D)	–	–	–	(D)	–
Farms by acres harvested:						
1 to 24 acres	8 221	65	285	1 021	2 651	1 726
25 to 99 acres	2 496	53	209	522	917	455
100 to 249 acres	101	6	15	21	37	17
250 to 499 acres	5	1	1	1	1	1
500 acres or more	–	–	–	–	–	–
Soybeans for beans ..... farms..	56 436	806	2 653	8 156	17 108	11 678
acres..	9 944 865	528 035	1 315 003	2 832 180	3 372 568	1 188 811
bushels..	445 574 589	25 087 063	61 972 276	129 580 910	148 793 959	51 099 572
Irrigated ..... farms..	294	11	29	60	110	38
acres..	38 664	2 014	7 304	9 274	15 201	3 091
Farms by acres harvested:						
1 to 24 acres	5 643	10	30	72	362	433
25 to 99 acres	19 323	66	209	642	2 471	5 559
100 to 249 acres	18 358	175	469	1 903	9 407	5 497
250 to 499 acres	9 661	180	764	3 829	4 686	186
500 acres or more	3 451	375	1 181	1 710	182	3
Potatoes, excluding sweetpotatoes ..... farms..	109	–	4	7	16	7
acres..	1 468	–	811	372	201	33
cwt..	296 675	–	183 984	57 790	40 362	6 802
Irrigated ..... farms..	19	–	2	3	2	–
acres..	750	–	(D)	(D)	(D)	–
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ... farms..	37 711	397	1 324	3 942	9 220	6 305
acres..	1 575 777	43 644	90 462	246 215	466 352	273 884
tons, dry..	4 365 999	140 943	296 820	762 231	1 380 451	744 052
Irrigated ..... farms..	85	2	5	8	20	6
acres..	1 372	(D)	202	113	291	54
Farms by acres harvested:						
1 to 24 acres	18 434	104	428	1 390	3 618	2 716
25 to 99 acres	15 422	157	623	1 756	4 257	2 930
100 to 249 acres	3 472	94	219	686	1 238	606
250 to 499 acres	334	29	47	93	97	53
500 acres or more	49	13	7	17	10	–
Alfalfa hay ..... farms..	31 165	332	1 094	3 417	8 055	5 468
acres..	1 082 904	29 351	61 052	169 125	332 750	197 707
tons, dry..	3 406 219	109 022	230 847	590 319	1 109 804	600 487
Irrigated ..... farms..	65	1	4	7	17	5
acres..	913	(D)	102	103	213	52

See footnotes at end of table.

Table 52. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997**—Con.

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

Item	$25,000 to $49,999	$10,000 to $24,999	$5,000 to $9,999	$2,500 to $4,999	$1,000 to $2,499	Less than $1,000
SELECTED CROPS HARVESTED						
Corn for grain or seed ..... farms..	9 286	5 995	1 663	840	503	132
acres..	578 642	201 570	29 250	8 891	3 574	724
bushels..	69 731 724	22 916 398	3 045 347	880 480	360 355	39 662
Irrigated ..... farms..	27	15	3	1	3	–
acres..	1 596	326	(D)	(D)	(D)	–
Farms by acres harvested:						
1 to 24 acres	824	2 152	1 308	794	499	132
25 to 99 acres	7 348	3 763	352	46	3	–
100 to 249 acres	1 086	80	3	–	1	–
250 to 499 acres	25	–	–	–	–	–
500 acres or more	3	–	–	–	–	–
Corn for silage or green chop ..... farms..	789	425	77	34	13	7
acres..	12 523	5 568	988	317	77	119
tons, green..	199 590	81 677	14 285	4 421	688	2 082
Irrigated ..... farms..	3	–	–	–	–	–
acres..	(D)	–	–	–	–	–
Farms by acres harvested:						
1 to 24 acres	658	372	66	32	13	5
25 to 99 acres	124	52	11	2	–	2
100 to 249 acres	7	1	–	–	–	–
250 to 499 acres	–	–	–	–	–	–
500 acres or more	–	–	–	–	–	–
Wheat for grain ..... farms..	82	77	20	15	6	3
acres..	1 723	1 745	325	192	79	12
bushels..	64 367	56 866	8 079	6 792	2 190	385
Irrigated ..... farms..	–	–	–	–	–	–
acres..	–	–	–	–	–	–
Farms by acres harvested:						
1 to 24 acres	62	53	15	14	6	3
25 to 99 acres	18	23	5	1	–	–
100 to 249 acres	2	1	–	–	–	–
250 to 499 acres	–	–	–	–	–	–
500 acres or more	–	–	–	–	–	–
Oats for grain ..... farms..	1 377	932	260	130	71	48
acres..	22 243	11 973	2 700	1 353	593	309
bushels..	1 339 827	685 331	137 633	68 409	28 658	15 463
Irrigated ..... farms..	–	–	–	–	–	–
acres..	–	–	–	–	–	–
Farms by acres harvested:						
1 to 24 acres	1 147	845	247	119	67	48
25 to 99 acres	227	86	13	10	4	–
100 to 249 acres	3	1	–	1	–	–
250 to 499 acres	–	–	–	–	–	–
500 acres or more	–	–	–	–	–	–
Soybeans for beans ..... farms..	8 358	5 183	1 341	667	428	58
acres..	492 429	176 840	26 948	8 166	3 505	380
bushels..	20 578 192	7 031 687	1 000 200	296 415	127 200	7 115
Irrigated ..... farms..	22	16	1	1	4	2
acres..	934	621	(D)	(D)	(D)	(D)
Farms by acres harvested:						
1 to 24 acres	892	1 812	945	608	421	58
25 to 99 acres	6 624	3 292	395	59	6	–
100 to 249 acres	827	79	1	–	–	–
250 to 499 acres	15	–	–	–	1	–
500 acres or more	–	–	–	–	–	–
Potatoes, excluding sweetpotatoes ..... farms..	24	19	9	11	10	2
acres..	23	15	(D)	6	4	(D)
cwt..	3 245	1 917	(D)	1 323	815	(D)
Irrigated ..... farms..	2	7	–	1	–	2
acres..	(D)	4	–	(D)	–	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ... farms..	5 035	4 966	2 565	1 752	1 240	965
acres..	189 584	154 116	59 400	28 153	14 751	9 216
tons, dry..	477 511	346 859	123 039	54 862	26 353	12 878
Irrigated ..... farms..	12	7	8	8	3	6
acres..	148	254	183	33	(D)	43
Farms by acres harvested:						
1 to 24 acres	2 403	2 689	1 681	1 399	1 086	920
25 to 99 acres	2 231	2 078	848	346	152	44
100 to 249 acres	391	193	35	7	2	1
250 to 499 acres	8	6	1	–	–	–
500 acres or more	2	–	–	–	–	–
Alfalfa hay ..... farms..	4 242	3 951	1 904	1 248	821	633
acres..	130 083	97 192	36 002	16 692	7 967	4 983
tons, dry..	366 649	251 480	84 761	38 468	16 403	7 979
Irrigated ..... farms..	10	3	6	7	1	4
acres..	142	62	137	(D)	(D)	39

See footnotes at end of table.

Table 52. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997**—Con.

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

Item		All farms	$1,000,000 or more	$500,000 to $999,999	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999
SELECTED CROPS HARVESTED—Con.							
Vegetables harvested for sale (see text)	farms	786	4	27	62	157	79
	acres	12 533	(D)	1 107	3 264	4 169	1 337
Irrigated	farms	117	1	3	3	22	14
	acres	1 476	(D)	95	(D)	485	299
Farms by acres harvested:							
0.1 to 4.9 acres		477	2	6	29	80	40
5.0 to 24.9 acres		180	–	9	8	28	17
25.0 to 99.9 acres		99	2	7	15	37	21
100.0 to 249.9 acres		26	–	5	7	11	1
250.0 acres or more		4	–	–	3	1	–
Land in orchards	farms	448	3	5	10	35	39
	acres	2 616	(D)	(D)	58	397	281
Irrigated	farms	19	–	1	–	–	3
	acres	118	–	(D)	–	–	(D)
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres		324	2	2	7	23	26
5.0 to 24.9 acres		100	–	2	2	6	9
25.0 to 99.9 acres		22	1	–	1	6	4
100.0 to 249.9 acres		2	–	1	–	–	–
250.0 acres or more		–	–	–	–	–	–

See footnotes at end of table.

Table 52. **Summary by Combined Government Payments and Market Value of Agricultural Products Sold: 1997**—Con.

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

Item		$25,000 to $49,999	$10,000 to $24,999	$5,000 to $9,999	$2,500 to $4,999	$1,000 to $2,499	Less than $1,000
SELECTED CROPS HARVESTED—Con.							
Vegetables harvested for sale (see text)	farms	89	108	88	72	50	50
	acres	1 090	690	379	211	87	(D)
Irrigated	farms	14	24	13	12	2	9
	acres	81	140	20	41	(D)	7
Farms by acres harvested:							
0.1 to 4.9 acres		52	58	59	57	46	48
5.0 to 24.9 acres		24	45	28	15	4	2
25.0 to 99.9 acres		11	5	1	–	–	–
100.0 to 249.9 acres		2	–	–	–	–	–
250.0 acres or more		–	–	–	–	–	–
Land in orchards	farms	40	66	46	48	64	92
	acres	189	361	263	146	281	376
Irrigated	farms	3	1	4	1	3	3
	acres	(D)	(D)	(D)	(D)	(D)	2
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres		27	43	26	41	51	76
5.0 to 24.9 acres		12	20	19	7	12	11
25.0 to 99.9 acres		1	3	1	–	–	5
100.0 to 249.9 acres		–	–	–	–	1	–
250.0 acres or more		–	–	–	–	–	–

[1]Data are based on a sample of farms.
[2]Farms with total production expenses equal to government payments and market value of agricultural products sold are included as farms with gains of less than $1,000.

Table 1. **County Summary Highlights: 1997**

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

Item		Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Farms	number	90 792	792	573	958	797	649	1 210
Land in farms	acres	31 166 699	335 756	235 441	295 778	241 094	272 258	418 483
Average size of farm	acres	343	424	411	309	303	420	346
Median size of farm	acres	206	260	240	215	172	260	218
Estimated market value of land and buildings[1]:								
Average per farm	dollars	566 587	380 402	380 020	296 120	193 374	650 917	706 732
Average per acre	dollars	1 697	1 003	905	974	649	1 587	1 999
Estimated market value of all machinery and equipment[1]:								
Average per farm	dollars	80 651	67 728	67 912	68 782	44 744	87 530	90 602
Farms by size:								
1 to 9 acres		5 049	36	21	40	21	41	79
10 to 49 acres		11 580	67	59	104	118	62	163
50 to 179 acres		24 525	218	152	249	266	152	298
180 to 499 acres		28 918	241	183	387	237	209	379
500 to 999 acres		14 833	153	112	141	117	132	206
1,000 acres or more		5 887	77	46	37	38	53	85
Total cropland	farms	83 375	737	529	846	737	607	1 118
	acres	26 821 844	283 563	184 649	179 795	175 532	248 005	375 729
Harvested cropland	farms	74 951	653	444	712	623	543	1 024
	acres	23 323 249	214 279	125 377	135 640	98 611	217 639	341 149
Irrigated land	farms	957	3	1	4	2	–	11
	acres	124 983	(D)	(D)	(D)	(D)	–	399
Market value of agricultural products sold	$1,000	11 947 894	82 545	49 642	80 826	28 757	114 110	157 977
Average per farm	dollars	131 596	104 223	86 635	84 370	36 082	175 824	130 559
Crops, including nursery and greenhouse crops	$1,000	6 187 269	42 808	25 734	21 542	15 469	52 456	102 838
Livestock, poultry, and their products	$1,000	5 760 625	39 736	23 908	59 285	13 288	61 654	55 139
Farms by value of sales:								
Less than $2,500		13 191	90	108	177	167	76	170
$2,500 to $4,999		4 577	52	37	61	82	25	54
$5,000 to $9,999		5 878	57	48	71	118	34	59
$10,000 to $24,999		10 507	121	78	113	172	74	139
$25,000 to $49,999		11 448	113	90	129	108	65	143
$50,000 to $99,999		13 735	123	75	143	86	117	185
$100,000 or more		31 456	236	137	264	64	258	460
Total farm production expenses[1]	$1,000	8 405 838	59 677	35 262	55 806	21 014	86 803	113 156
Average per farm	dollars	92 590	75 445	61 540	58 192	26 366	133 749	93 595
Net cash return from agricultural sales for the farm unit (see text)[1]	farms	90 786	791	573	959	797	649	1 209
	$1,000	2 969 179	18 149	11 760	19 050	6 166	19 185	39 739
Average per farm	dollars	32 705	22 944	20 523	19 864	7 736	29 560	32 870
Operators by principal occupation:								
Farming		56 256	498	347	610	402	448	736
Other		34 536	294	226	348	395	201	474
Operators by days worked off farm:								
Any		45 408	377	295	439	458	301	632
200 days or more		28 673	233	191	276	303	171	423
Livestock and poultry:								
Cattle and calves inventory	farms	38 435	507	359	642	537	276	514
	number	3 647 129	53 168	39 603	68 945	42 971	32 920	40 399
Beef cows	farms	27 452	456	326	382	502	206	380
	number	1 029 172	23 167	16 364	16 971	23 488	8 875	10 749
Milk cows	farms	4 208	10	9	230	17	4	28
	number	222 142	296	177	15 173	398	190	2 029
Cattle and calves sold	farms	38 548	511	362	652	545	281	505
	number	2 881 122	38 633	23 016	31 424	24 987	32 089	34 942
Hogs and pigs inventory	farms	17 243	129	62	138	24	160	233
	number	14 651 919	39 032	58 998	72 111	5 462	168 217	102 216
Hogs and pigs sold	farms	18 370	141	63	147	23	165	250
	number	27 495 818	61 504	76 688	148 575	7 468	373 063	200 082
Sheep and lambs inventory	farms	4 431	57	18	25	38	28	75
	number	265 305	1 720	798	664	1 844	1 053	3 072
Layers and pullets 13 weeks old and older inventory (see text)	farms	1 892	16	12	7	25	10	27
	number	24 876 834	(D)	2 057	(D)	455	(D)	(D)
Broilers and other meat-type chickens sold	farms	519	9	3	4	2	6	15
	number	6 852 810	2 085	610 000	(D)	(D)	1 406	8 173
Selected crops harvested:								
Corn for grain or seed	farms	61 860	543	338	584	309	468	866
	acres	11 595 308	93 873	54 227	63 619	27 217	103 274	166 702
	bushels	1 537 482 128	10 829 372	6 247 399	8 273 034	3 290 397	12 811 212	23 422 374
Corn for silage or green chop	farms	8 405	93	36	275	29	47	86
	acres	241 549	2 686	1 301	6 831	754	1 356	1 974
	tons, green	3 993 158	38 974	16 118	115 394	10 057	19 077	32 333
Wheat for grain	farms	719	1	5	4	7	1	4
	acres	22 123	(D)	105	36	174	(D)	245
	bushels	905 333	(D)	3 457	1 959	7 270	(D)	9 468
Oats for grain	farms	10 823	122	62	293	33	75	200
	acres	211 985	2 923	1 729	7 492	586	1 411	3 635
	bushels	14 293 977	164 436	114 992	463 530	34 128	94 229	275 276
Soybeans for beans	farms	56 436	518	335	214	316	465	813
	acres	9 944 865	88 004	53 869	16 742	30 320	101 724	155 595
	bushels	445 574 589	3 423 610	2 214 721	744 704	1 240 536	4 468 600	7 662 847
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	37 711	477	310	604	547	314	531
	acres	1 575 777	29 518	17 579	46 505	42 032	11 928	16 617
	tons, dry	4 365 999	74 369	42 047	141 091	94 117	30 146	50 271

See footnotes at end of table.

Table 1. **County Summary Highlights: 1997**—Con.

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

Item		Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Farms	number	1 002	863	982	1 136	867	1 085	793
Land in farms	acres	285 972	328 906	238 528	336 863	356 751	324 282	336 516
Average size of farm	acres	285	381	243	297	411	299	424
Median size of farm	acres	160	200	150	160	320	192	300
Estimated market value of land and buildings[1]:								
Average per farm	dollars	622 032	770 510	479 658	513 191	845 515	519 040	1 005 171
Average per acre	dollars	2 321	2 160	2 094	1 839	2 242	1 781	2 426
Estimated market value of all machinery and equipment[1]:								
Average per farm	dollars	82 466	96 969	72 871	76 717	99 272	68 158	116 477
Farms by size:								
1 to 9 acres		75	64	78	83	67	73	44
10 to 49 acres		177	129	163	159	66	159	83
50 to 179 acres		284	203	322	377	158	293	176
180 to 499 acres		284	234	289	300	305	378	224
500 to 999 acres		130	158	97	158	216	124	189
1,000 acres or more		52	75	33	59	55	58	77
Total cropland	farms	918	790	887	1 030	790	1 005	753
	acres	263 418	297 488	210 534	303 756	326 418	294 649	317 038
Harvested cropland	farms	873	756	822	971	765	906	734
	acres	252 852	283 902	200 037	285 548	315 405	270 635	306 400
Irrigated land	farms	23	10	7	5	5	4	2
	acres	1 000	257	342	(D)	(D)	91	(D)
Market value of agricultural products sold	$1,000	127 892	119 995	101 575	137 169	210 089	131 473	140 244
Average per farm	dollars	127 636	139 045	103 437	120 747	242 317	121 174	176 853
Crops, including nursery and greenhouse crops	$1,000	77 230	85 674	55 982	79 095	91 155	73 866	89 346
Livestock, poultry, and their products	$1,000	50 662	34 322	45 593	58 074	118 934	57 607	50 898
Farms by value of sales:								
Less than $2,500		126	99	137	109	44	153	48
$2,500 to $4,999		45	38	46	53	24	58	26
$5,000 to $9,999		63	79	59	51	15	52	28
$10,000 to $24,999		130	77	114	154	61	111	84
$25,000 to $49,999		125	116	178	187	90	149	91
$50,000 to $99,999		153	126	152	180	167	189	123
$100,000 or more		360	328	296	402	466	373	393
Total farm production expenses[1]	$1,000	89 869	78 305	68 032	99 416	139 583	92 343	91 209
Average per farm	dollars	89 779	90 736	69 350	87 591	161 181	85 109	115 163
Net cash return from agricultural sales for the farm unit (see text)[1]	farms	1 001	863	981	1 135	866	1 085	792
	$1,000	26 399	33 282	23 996	31 748	57 494	33 186	43 026
Average per farm	dollars	26 373	38 566	24 460	27 971	66 391	30 586	54 326
Operators by principal occupation:								
Farming		526	537	531	723	658	653	555
Other		476	326	451	413	209	432	238
Operators by days worked off farm:								
Any		597	438	561	576	380	579	376
200 days or more		405	284	400	369	190	375	190
Livestock and poultry:								
Cattle and calves inventory	farms	267	235	405	497	205	370	182
	number	16 541	17 195	24 501	28 189	22 926	21 885	21 054
Beef cows	farms	149	191	176	244	155	236	124
	number	3 567	5 850	3 797	5 479	4 592	5 352	(D)
Milk cows	farms	32	6	111	150	4	44	1
	number	1 491	104	5 398	3 785	321	1 827	(D)
Cattle and calves sold	farms	262	231	401	489	204	366	189
	number	12 358	14 451	20 830	18 844	26 398	17 507	22 110
Hogs and pigs inventory	farms	200	111	168	300	270	238	159
	number	171 797	101 679	88 693	191 642	298 220	178 682	171 427
Hogs and pigs sold	farms	207	117	176	323	292	261	167
	number	298 788	198 989	204 594	396 208	603 519	315 618	280 264
Sheep and lambs inventory	farms	36	52	44	63	39	73	43
	number	3 231	1 703	1 724	1 356	3 162	3 386	1 546
Layers and pullets 13 weeks old and older inventory (see text)	farms	19	16	24	46	12	30	13
	number	43 711	(D)	(D)	(D)	440 449	(D)	420
Broilers and other meat-type chickens sold	farms	7	7	9	15	7	9	5
	number	2 151	1 353	1 521	118 225	665	10 123	2 115
Selected crops harvested:								
Corn for grain or seed	farms	722	632	713	859	714	784	650
	acres	131 973	140 660	105 948	156 792	158 339	139 450	149 875
	bushels	17 572 621	20 115 217	14 824 642	20 690 445	22 268 695	18 450 766	19 749 654
Corn for silage or green chop	farms	63	28	114	143	66	83	39
	acres	1 727	561	2 371	3 228	2 887	1 927	2 012
	tons, green	29 935	10 289	43 121	60 888	60 043	29 828	25 960
Wheat for grain	farms	–	2	3	9	–	4	1
	acres	–	(D)	(D)	155	–	272	(D)
	bushels	–	(D)	2 452	8 873	–	6 825	(D)
Oats for grain	farms	68	59	132	236	89	136	64
	acres	1 229	1 224	1 960	3 731	1 448	2 416	885
	bushels	87 181	91 400	134 574	256 636	124 509	169 730	73 896
Soybeans for beans	farms	709	625	647	783	712	767	668
	acres	111 781	137 120	81 635	112 669	150 291	120 836	153 275
	bushels	5 255 971	6 009 155	3 865 852	5 297 869	7 087 488	5 310 971	6 719 423
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	298	281	381	459	209	361	172
	acres	7 482	5 695	10 917	11 177	3 976	8 199	3 051
	tons, dry	22 096	14 792	31 852	30 585	12 090	20 126	6 843

See footnotes at end of table.

Table 1. **County Summary Highlights: 1997**—Con.

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

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Farms ..... number	1 102	804	965	822	890	926	678
Land in farms ..... acres	352 698	331 362	325 744	300 851	330 355	272 371	221 848
Average size of farm ..... acres	320	412	338	366	371	294	327
Median size of farm ..... acres	240	264	201	240	288	197	193
Estimated market value of land and buildings[1]:							
Average per farm ..... dollars	603 581	518 379	696 404	680 433	686 623	445 954	251 123
Average per acre ..... dollars	1 814	1 318	2 071	1 946	1 922	1 515	711
Estimated market value of all machinery and equipment[1]:							
Average per farm ..... dollars	103 551	74 063	96 939	96 361	90 490	82 369	43 340
Farms by size:							
1 to 9 acres	90	50	52	52	43	60	24
10 to 49 acres	98	82	135	135	89	119	75
50 to 179 acres	246	187	249	179	184	270	215
180 to 499 acres	443	222	290	238	338	305	238
500 to 999 acres	187	178	184	155	179	132	82
1,000 acres or more	38	85	55	63	57	40	44
Total cropland ..... farms	999	739	881	769	807	862	604
acres	323 889	287 811	292 201	281 536	286 850	242 737	151 334
Harvested cropland ..... farms	967	677	812	694	777	789	505
acres	302 918	237 766	264 890	264 004	265 149	223 329	81 284
Irrigated land ..... farms	7	3	7	10	–	6	5
acres	575	(D)	(D)	199	–	613	383
Market value of agricultural products sold $1,000	221 458	94 100	128 566	120 620	145 854	122 131	38 534
Average per farm ..... dollars	200 960	117 040	133 229	146 739	163 881	131 891	56 835
Crops, including nursery and greenhouse crops $1,000	77 727	53 031	79 561	81 377	71 278	56 857	13 022
Livestock, poultry, and their products $1,000	143 731	41 069	49 005	39 243	74 575	65 274	25 513
Farms by value of sales:							
Less than $2,500	65	92	132	127	53	110	156
$2,500 to $4,999	27	39	50	28	28	41	67
$5,000 to $9,999	42	65	50	56	34	54	76
$10,000 to $24,999	102	111	74	66	83	127	140
$25,000 to $49,999	145	115	121	81	99	109	90
$50,000 to $99,999	228	111	156	115	182	137	76
$100,000 or more	493	271	382	349	411	348	73
Total farm production expenses[1] $1,000	163 900	69 525	90 267	85 779	102 162	88 106	34 199
Average per farm ..... dollars	148 730	86 474	93 638	104 353	114 918	95 044	50 441
Net cash return from agricultural sales for the farm unit (see text)[1] ..... farms	1 102	804	964	822	889	927	678
$1,000	54 550	19 289	26 724	28 853	33 240	27 440	2 988
Average per farm ..... dollars	49 501	23 991	27 722	35 101	37 390	29 601	4 408
Operators by principal occupation:							
Farming	765	537	623	530	622	620	354
Other	337	267	342	292	268	306	324
Operators by days worked off farm:							
Any	575	381	471	388	404	414	363
200 days or more	312	244	295	250	236	269	258
Livestock and poultry:							
Cattle and calves inventory ..... farms	389	440	395	170	368	426	449
number	73 296	49 714	29 787	9 418	48 587	39 107	40 721
Beef cows ..... farms	253	376	294	104	274	216	422
number	9 576	16 670	9 691	2 630	10 680	6 333	20 128
Milk cows ..... farms	10	14	23	12	19	101	18
number	233	363	899	560	804	5 674	357
Cattle and calves sold ..... farms	408	439	399	158	380	427	448
number	96 731	38 632	21 979	6 443	41 082	32 405	20 242
Hogs and pigs inventory ..... farms	355	130	196	141	244	186	53
number	372 598	64 720	151 936	126 766	222 808	131 490	67 224
Hogs and pigs sold ..... farms	376	138	214	158	257	198	63
number	713 696	112 514	286 007	287 104	390 657	284 746	103 328
Sheep and lambs inventory ..... farms	36	43	69	42	31	43	51
number	2 581	2 317	2 588	1 392	1 598	2 076	2 473
Layers and pullets 13 weeks old and older inventory (see text) ..... farms	13	12	17	12	6	18	17
number	(D)	(D)	536	35 664	873	(D)	(D)
Broilers and other meat-type chickens sold ..... farms	7	3	6	2	4	7	1
number	2 625	(D)	891	(D)	1 850	(D)	(D)
Selected crops harvested:							
Corn for grain or seed ..... farms	883	575	690	563	704	674	309
acres	151 595	114 895	140 111	137 695	129 500	114 215	25 691
bushels	19 662 164	13 311 624	19 025 852	19 318 381	17 375 954	15 587 474	2 809 247
Corn for silage or green chop ..... farms	77	81	81	44	121	177	52
acres	2 631	1 708	1 508	1 115	4 600	5 302	1 546
tons, green	39 336	24 267	21 462	19 403	79 806	91 489	18 500
Wheat for grain ..... farms	3	3	13	1	4	3	6
acres	114	(D)	327	(D)	59	57	144
bushels	5 160	(D)	15 297	(D)	1 934	1 725	4 063
Oats for grain ..... farms	150	80	145	76	80	154	74
acres	2 324	1 607	2 171	1 301	1 190	2 482	1 701
bushels	186 174	87 746	162 322	95 053	95 267	163 057	87 732
Soybeans for beans ..... farms	863	562	640	579	696	626	276
acres	138 727	103 593	110 106	120 639	124 329	92 579	26 715
bushels	6 236 473	4 044 482	5 564 544	5 196 050	5 962 251	4 130 167	1 098 717
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms	390	436	399	190	329	397	426
acres	9 929	18 971	12 479	3 529	8 698	12 699	27 253
tons, dry	29 525	44 310	43 208	8 161	21 682	35 786	65 303

See footnotes at end of table.

Table 1. **County Summary Highlights: 1997**—Con.

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

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Farms ..... number	668	1 638	1 268	1 107	918	884	730
Land in farms ..... acres	285 829	452 050	367 764	431 726	323 612	266 508	261 927
Average size of farm ..... acres	428	276	290	390	353	301	359
Median size of farm ..... acres	300	200	200	240	140	177	214
Estimated market value of land and buildings[1]:							
Average per farm ..... dollars	794 008	385 574	495 403	560 413	840 534	253 719	207 685
Average per acre ..... dollars	1 927	1 457	1 788	1 500	2 418	838	608
Estimated market value of all machinery and equipment[1]:							
Average per farm ..... dollars	110 500	68 600	71 626	88 611	84 900	38 669	42 924
Farms by size:							
1 to 9 acres	37	83	86	70	69	25	20
10 to 49 acres	69	149	167	138	188	117	105
50 to 179 acres	151	505	340	268	252	305	213
180 to 499 acres	192	661	425	339	187	284	228
500 to 999 acres	149	192	200	212	135	108	111
1,000 acres or more	70	48	50	80	87	45	53
Total cropland ..... farms	615	1 522	1 161	1 003	841	813	662
acres	262 903	337 115	325 354	374 638	287 666	188 883	170 796
Harvested cropland ..... farms	579	1 296	1 042	910	754	690	519
acres	244 994	273 022	290 935	325 709	263 751	110 732	88 999
Irrigated land ..... farms	9	7	9	5	17	5	3
acres	844	465	113	184	844	(D)	12
Market value of agricultural products sold $1,000	120 624	171 442	148 387	143 011	117 622	55 850	54 349
Average per farm ..... dollars	180 574	104 665	117 025	129 188	128 128	63 178	74 450
Crops, including nursery and greenhouse crops $1,000	68 133	53 793	85 870	80 613	77 397	18 511	14 385
Livestock, poultry, and their products $1,000	52 491	117 649	62 518	62 399	40 224	37 338	39 964
Farms by value of sales:							
Less than $2,500	63	296	176	116	172	191	184
$2,500 to $4,999	27	59	65	53	74	86	75
$5,000 to $9,999	28	123	78	83	65	103	88
$10,000 to $24,999	53	190	144	125	142	172	149
$25,000 to $49,999	95	208	151	137	82	125	78
$50,000 to $99,999	97	230	218	205	112	103	73
$100,000 or more	305	532	436	388	271	104	83
Total farm production expenses[1] $1,000	78 303	123 749	112 528	106 846	71 377	44 889	39 938
Average per farm ..... dollars	117 220	75 503	88 884	96 432	77 838	50 836	54 561
Net cash return from agricultural sales for the farm unit (see text)[1] ..... farms	668	1 639	1 266	1 108	917	883	732
$1,000	36 444	37 723	30 499	28 362	41 496	13 080	13 733
Average per farm ..... dollars	54 557	23 016	24 091	25 597	45 252	14 813	18 761
Operators by principal occupation:							
Farming	458	1 057	751	708	493	428	362
Other	210	581	517	399	425	456	368
Operators by days worked off farm:							
Any	305	722	697	532	499	540	428
200 days or more	184	475	461	337	329	353	293
Livestock and poultry:							
Cattle and calves inventory ..... farms	176	955	564	608	274	584	462
number	16 987	83 360	54 104	60 675	16 221	47 461	61 623
Beef cows ..... farms	138	489	354	490	222	491	407
number	(D)	15 905	12 885	19 272	6 380	21 370	23 245
Milk cows ..... farms	3	413	45	16	6	83	12
number	(D)	21 965	2 482	668	98	1 834	232
Cattle and calves sold ..... farms	181	969	559	632	259	588	453
number	14 781	39 801	55 856	47 748	18 319	26 178	50 509
Hogs and pigs inventory ..... farms	133	337	246	230	85	94	40
number	108 489	242 580	101 869	179 383	56 587	123 102	39 037
Hogs and pigs sold ..... farms	145	370	275	245	95	97	39
number	221 728	442 129	175 933	265 213	96 439	156 271	58 672
Sheep and lambs inventory ..... farms	33	59	56	42	42	78	32
number	3 608	1 780	2 337	3 002	1 164	7 484	1 402
Layers and pullets 13 weeks old and older inventory (see text) ..... farms	9	40	23	25	26	45	20
number	550 824	(D)	(D)	(D)	(D)	11 834	(D)
Broilers and other meat-type chickens sold ..... farms	7	6	5	8	4	1	3
number	2 351	1 800	297	1 177	921	(D)	250
Selected crops harvested:							
Corn for grain or seed ..... farms	508	1 082	918	785	553	361	248
acres	118 457	158 200	171 357	160 588	126 098	33 647	24 834
bushels	15 713 582	20 923 842	23 414 391	19 657 636	16 867 647	3 974 152	2 793 028
Corn for silage or green chop ..... farms	56	343	125	92	34	67	34
acres	1 896	7 418	3 961	2 300	819	1 112	1 181
tons, green	31 517	120 460	64 758	36 854	13 641	18 259	15 132
Wheat for grain ..... farms	1	7	8	4	5	17	6
acres	(D)	272	90	87	158	324	218
bushels	(D)	12 890	4 373	3 000	4 640	13 352	7 134
Oats for grain ..... farms	38	474	210	124	40	115	31
acres	649	10 503	3 554	2 235	886	1 850	752
bushels	45 468	667 379	241 640	156 987	65 141	96 930	40 269
Soybeans for beans ..... farms	532	410	745	742	581	345	245
acres	120 511	44 759	99 452	144 894	126 449	38 409	28 727
bushels	5 411 651	2 110 870	4 969 010	6 396 233	5 296 309	1 702 630	1 250 983
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms	184	980	494	529	330	585	434
acres	5 110	62 403	16 826	17 750	9 022	38 475	34 924
tons, dry	10 164	194 102	52 120	50 206	25 600	89 751	78 230

See footnotes at end of table.

Table 1. **County Summary Highlights: 1997**—Con.

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

Item		Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Farms	number	1 278	650	512	1 579	519	1 295	850	856
Land in farms	acres	326 187	192 165	201 126	336 497	220 174	404 407	300 255	344 296
Average size of farm	acres	255	296	393	213	424	312	353	402
Median size of farm	acres	198	173	270	170	347	204	200	280
Estimated market value of land and buildings[1]:									
Average per farm	dollars	450 837	455 489	666 643	336 380	727 640	468 712	629 372	753 642
Average per acre	dollars	1 824	1 584	1 744	1 623	1 744	1 536	1 784	2 014
Estimated market value of all machinery and equipment[1]:									
Average per farm	dollars	91 087	70 353	80 621	69 318	107 602	86 084	91 489	105 337
Farms by size:									
1 to 9 acres		67	34	20	79	21	78	38	51
10 to 49 acres		121	111	66	204	58	155	128	87
50 to 179 acres		394	184	122	541	100	365	232	193
180 to 499 acres		556	199	155	639	152	457	242	261
500 to 999 acres		107	89	108	101	148	174	145	182
1,000 acres or more		33	33	41	15	40	66	65	82
Total cropland	farms	1 194	614	469	1 435	480	1 192	785	799
	acres	286 992	155 783	180 906	257 739	205 431	343 679	274 299	316 140
Harvested cropland	farms	1 114	556	424	1 273	425	1 085	724	751
	acres	259 875	140 564	166 247	213 151	187 912	317 357	257 712	299 931
Irrigated land	farms	5	14	3	6	2	13	12	2
	acres	10	1 945	(D)	20	(D)	738	1 924	(D)
Market value of agricultural products sold	$1,000	195 918	69 769	72 854	171 651	91 349	181 137	113 534	180 192
Average per farm	dollars	153 300	107 337	142 294	108 709	176 009	139 874	133 569	210 504
Crops, including nursery and greenhouse crops	$1,000	51 558	43 430	41 611	30 911	53 898	76 809	77 024	86 533
Livestock, poultry, and their products	$1,000	144 359	26 339	31 243	140 740	37 451	104 327	36 510	93 659
Farms by value of sales:									
Less than $2,500		115	109	84	222	77	160	122	79
$2,500 to $4,999		44	51	20	61	13	43	37	32
$5,000 to $9,999		49	56	26	96	21	75	34	24
$10,000 to $24,999		92	75	36	183	42	139	87	65
$25,000 to $49,999		152	84	61	213	46	151	117	105
$50,000 to $99,999		191	88	89	257	70	212	124	156
$100,000 or more		635	187	196	547	250	515	329	395
Total farm production expenses[1]	$1,000	137 908	49 248	55 804	127 281	58 017	126 410	84 177	139 062
Average per farm	dollars	107 825	75 534	108 993	80 659	111 787	97 614	98 799	161 888
Net cash return from agricultural sales for the farm unit (see text)[1]	farms	1 279	652	512	1 578	519	1 295	852	859
	$1,000	46 861	18 434	14 708	38 006	30 576	45 815	25 493	37 585
Average per farm	dollars	36 639	28 272	28 727	24 085	58 914	35 378	29 921	43 754
Operators by principal occupation:									
Farming		932	348	344	1 012	377	874	536	603
Other		346	302	168	567	142	421	314	253
Operators by days worked off farm:									
Any		553	343	238	717	249	574	421	376
200 days or more		352	241	138	494	121	371	264	196
Livestock and poultry:									
Cattle and calves inventory	farms	690	255	139	1 042	145	628	250	219
	number	70 399	15 343	26 846	112 144	18 909	59 268	15 921	19 252
Beef cows	farms	241	209	94	438	97	276	156	151
	number	7 973	5 689	3 983	16 398	(D)	9 519	4 153	4 130
Milk cows	farms	315	11	6	416	2	207	27	19
	number	18 844	520	586	27 998	(D)	12 778	963	436
Cattle and calves sold	farms	709	242	139	1 046	150	631	257	213
	number	45 575	10 851	28 787	66 574	18 226	32 830	11 429	13 645
Hogs and pigs inventory	farms	515	70	82	399	83	290	155	182
	number	401 729	125 030	45 333	258 568	120 605	242 628	106 157	198 056
Hogs and pigs sold	farms	537	72	90	409	87	311	164	196
	number	656 200	213 190	76 390	430 305	176 785	514 197	244 712	344 268
Sheep and lambs inventory	farms	34	28	35	36	19	59	25	36
	number	1 016	590	1 551	1 221	982	4 564	1 028	2 516
Layers and pullets 13 weeks old and older inventory (see text)	farms	25	11	4	22	6	20	6	22
	number	(D)	(D)	84	1 337	(D)	(D)	(D)	(D)
Broilers and other meat-type chickens sold	farms	4	3	1	5	5	3	8	5
	number	265	200	(D)	687	1 240	215	(D)	937
Selected crops harvested:									
Corn for grain or seed	farms	1 014	422	361	1 105	393	970	632	692
	acres	157 975	68 347	78 518	116 149	96 395	170 723	134 011	157 682
	bushels	21 723 080	9 334 779	9 715 927	15 465 826	13 417 749	23 315 159	18 209 619	20 527 021
Corn for silage or green chop	farms	333	49	47	391	51	271	74	58
	acres	9 027	911	2 811	9 797	1 745	8 005	2 301	1 535
	tons, green	162 943	14 998	45 049	162 307	31 259	145 737	43 039	23 490
Wheat for grain	farms	6	31	–	8	1	4	3	3
	acres	118	574	–	89	(D)	93	85	(D)
	bushels	6 660	30 653	–	2 590	(D)	2 990	6 000	7 065
Oats for grain	farms	298	33	24	486	28	307	82	66
	acres	6 268	419	409	10 651	360	6 386	1 728	1 050
	bushels	410 873	32 037	30 679	684 767	23 537	420 241	116 203	71 818
Soybeans for beans	farms	634	417	366	269	381	757	606	666
	acres	59 798	65 171	80 177	19 886	88 909	106 567	116 055	136 722
	bushels	3 031 817	3 156 027	3 188 662	978 026	3 754 538	4 933 635	5 016 295	5 543 406
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	690	239	132	1 021	98	626	270	187
	acres	33 361	6 693	6 612	67 863	2 189	30 546	6 496	4 558
	tons, dry	104 823	19 458	15 898	222 645	5 078	98 313	14 717	10 549

See footnotes at end of table.

Table 1. **County Summary Highlights: 1997**—Con.

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

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Farms ..... number	568	763	754	847	790	849	857	876
Land in farms ..... acres	318 355	343 346	321 389	304 177	348 675	334 050	339 951	392 708
Average size of farm ..... acres	560	450	426	359	441	393	397	448
Median size of farm ..... acres	335	320	282	200	300	280	250	268
Estimated market value of land and buildings[1]:								
Average per farm ..... dollars	721 146	852 473	966 952	481 336	948 567	828 770	776 556	634 999
Average per acre ..... dollars	1 293	2 024	2 289	1 281	2 373	2 121	1 990	1 508
Estimated market value of all machinery and equipment[1]:								
Average per farm ..... dollars	93 152	93 552	123 332	66 553	121 174	106 826	95 260	101 590
Farms by size:								
1 to 9 acres	15	40	59	40	52	51	59	39
10 to 49 acres	47	72	77	110	81	74	119	110
50 to 179 acres	140	157	162	246	155	190	176	204
180 to 499 acres	146	226	246	248	248	283	249	253
500 to 999 acres	118	192	138	139	172	185	176	166
1,000 acres or more	102	76	72	64	82	66	78	104
Total cropland ..... farms	549	710	704	755	737	785	779	828
acres	268 447	316 526	298 946	241 702	329 567	315 295	314 144	342 113
Harvested cropland ..... farms	495	679	678	656	705	748	742	746
acres	233 070	297 213	289 061	194 659	317 421	304 229	299 363	302 447
Irrigated land ..... farms	13	7	4	3	6	8	6	59
acres	1 932	1 207	(D)	(D)	(D)	480	(D)	20 699
Market value of agricultural products sold $1,000	88 185	122 235	149 118	95 779	227 219	140 661	201 877	112 981
Average per farm ..... dollars	155 256	160 203	197 769	113 080	287 619	165 679	235 563	128 974
Crops, including nursery and greenhouse crops $1,000	65 557	87 178	91 766	44 387	95 930	86 120	86 881	81 701
Livestock, poultry, and their products $1,000	22 628	35 056	57 352	51 392	131 289	54 541	114 996	31 280
Farms by value of sales:								
Less than $2,500	68	66	51	145	57	75	72	124
$2,500 to $4,999	21	25	25	51	29	23	37	33
$5,000 to $9,999	33	36	27	88	25	35	41	46
$10,000 to $24,999	55	70	51	124	65	67	99	91
$25,000 to $49,999	68	92	79	119	103	100	81	112
$50,000 to $99,999	83	94	133	109	118	155	146	150
$100,000 or more	240	380	388	211	393	394	381	320
Total farm production expenses[1] $1,000	55 616	75 837	103 246	71 093	158 228	98 495	150 236	73 412
Average per farm ..... dollars	98 088	99 394	137 113	84 034	200 542	116 013	175 509	83 804
Net cash return from agricultural sales for the farm unit (see text)[1] ..... farms	567	763	753	846	789	849	856	876
$1,000	30 063	37 015	38 895	20 789	57 891	34 953	43 787	33 554
Average per farm ..... dollars	53 022	48 513	51 654	24 573	73 372	41 170	51 153	38 303
Operators by principal occupation:								
Farming	387	527	515	492	555	594	589	555
Other	181	236	239	355	235	255	268	321
Operators by days worked off farm:								
Any	230	347	361	464	363	454	414	409
200 days or more	123	183	214	282	202	235	238	253
Livestock and poultry:								
Cattle and calves inventory ..... farms	222	246	221	456	118	190	250	364
number	23 564	21 041	19 843	36 996	5 150	11 616	19 525	33 693
Beef cows ..... farms	195	196	141	407	82	112	197	291
number	(D)	5 741	4 376	16 758	1 654	2 756	6 388	11 727
Milk cows ..... farms	2	6	13	9	4	8	6	7
number	(D)	8	745	557	340	355	161	84
Cattle and calves sold ..... farms	228	240	219	461	114	199	246	358
number	26 808	19 366	24 536	29 062	6 806	11 075	15 667	25 843
Hogs and pigs inventory ..... farms	54	125	180	120	159	186	205	74
number	24 261	154 717	156 834	81 536	448 312	174 621	395 359	66 383
Hogs and pigs sold ..... farms	57	131	193	125	177	200	221	84
number	41 961	219 445	278 512	149 046	882 366	319 576	770 168	170 083
Sheep and lambs inventory ..... farms	10	28	41	37	40	36	39	9
number	684	937	2 692	924	1 363	2 240	1 004	467
Layers and pullets 13 weeks old and older inventory (see text) ..... farms	5	13	14	18	15	14	15	12
number	(D)	908	(D)	(D)	(D)	(D)	(D)	754
Broilers and other meat-type chickens sold ..... farms	1	8	7	2	2	2	5	5
number	(D)	1 168	2 715	(D)	(D)	(D)	755	(D)
Selected crops harvested:								
Corn for grain or seed ..... farms	413	612	602	522	632	699	653	632
acres	110 761	147 897	150 400	93 504	165 490	164 212	158 864	149 889
bushels	14 469 622	20 074 105	20 669 062	10 880 772	23 069 007	22 787 740	20 236 600	19 072 729
Corn for silage or green chop ..... farms	11	31	34	48	11	62	38	46
acres	491	1 096	831	951	324	1 225	1 177	1 291
tons, green	9 290	18 117	14 364	12 694	5 964	21 772	18 108	19 119
Wheat for grain ..... farms	14	2	4	3	–	–	–	12
acres	372	(D)	144	120	–	–	–	474
bushels	12 973	(D)	6 907	1 420	–	–	–	16 546
Oats for grain ..... farms	7	47	55	91	41	66	43	31
acres	97	652	1 032	1 855	791	887	682	477
bushels	6 224	48 736	81 105	118 338	60 860	61 818	51 139	32 574
Soybeans for beans ..... farms	435	614	604	509	625	680	637	621
acres	116 362	146 025	133 983	86 225	149 441	136 208	135 692	143 116
bushels	4 914 240	6 527 512	6 594 050	3 411 149	6 576 120	5 650 708	5 989 969	6 050 247
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms	212	201	209	391	153	194	206	332
acres	6 173	5 243	4 261	15 548	2 839	3 775	4 441	9 972
tons, dry	16 964	14 222	12 535	35 890	6 699	9 619	12 100	29 367

See footnotes at end of table.

Table 1. **County Summary Highlights: 1997**—Con.

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

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
Farms ..... number	835	862	600	637	976	1 280	1 204	765
Land in farms ..... acres	244 704	269 750	257 411	253 306	331 922	334 824	420 637	228 017
Average size of farm ..... acres	293	313	429	398	340	262	349	298
Median size of farm ..... acres	160	185	308	270	208	177	210	170
Estimated market value of land and buildings[1]:								
Average per farm ..... dollars	481 740	431 916	924 260	657 881	472 078	297 048	540 222	327 898
Average per acre ..... dollars	1 570	1 414	2 284	1 745	1 406	1 254	1 605	1 175
Estimated market value of all machinery and equipment[1]:								
Average per farm ..... dollars	75 892	73 737	137 366	88 517	72 816	56 579	72 740	50 541
Farms by size:								
1 to 9 acres	39	39	34	30	40	65	60	25
10 to 49 acres	115	100	40	80	128	152	196	100
50 to 179 acres	286	284	129	135	273	426	288	266
180 to 499 acres	251	290	197	217	352	466	354	243
500 to 999 acres	102	103	149	116	142	130	210	88
1,000 acres or more	42	46	51	59	41	41	96	43
Total cropland ..... farms	774	788	559	571	905	1 157	1 108	706
acres	200 902	241 042	245 417	231 131	271 861	233 629	365 523	178 100
Harvested cropland ..... farms	653	708	547	537	742	957	996	565
acres	166 383	216 902	239 060	205 956	213 273	166 492	318 965	139 078
Irrigated land ..... farms	2	2	1	2	4	9	6	5
acres	(D)	(D)	(D)	(D)	22	248	(D)	(D)
Market value of agricultural products sold $1,000	77 086	95 130	100 520	95 685	104 865	96 659	153 843	57 520
Average per farm ..... dollars	92 319	110 359	167 533	150 212	107 443	75 515	127 776	75 190
Crops, including nursery and greenhouse crops $1,000	46 295	54 982	72 531	55 293	53 525	26 767	89 164	35 033
Livestock, poultry, and their products $1,000	30 791	40 148	27 989	40 393	51 339	69 892	64 679	22 487
Farms by value of sales:								
Less than $2,500	170	130	32	54	208	221	176	196
$2,500 to $4,999	65	43	14	26	49	80	69	52
$5,000 to $9,999	70	38	18	25	64	131	76	61
$10,000 to $24,999	89	84	40	40	115	208	128	120
$25,000 to $49,999	112	142	80	97	112	181	129	98
$50,000 to $99,999	110	149	111	120	153	169	190	79
$100,000 or more	219	276	305	275	275	290	436	159
Total farm production expenses[1] $1,000	55 921	67 827	63 217	64 029	71 864	75 113	97 478	36 332
Average per farm ..... dollars	66 891	78 595	105 362	100 674	73 631	58 682	80 962	47 555
Net cash return from agricultural sales for the farm unit (see text)[1] ..... farms	836	863	600	636	976	1 280	1 204	764
$1,000	20 744	23 063	32 250	23 288	27 166	15 065	46 348	14 273
Average per farm ..... dollars	24 813	26 725	53 750	36 617	27 834	11 770	38 495	18 682
Operators by principal occupation:								
Farming	447	578	429	449	543	721	727	421
Other	388	284	171	188	433	559	477	344
Operators by days worked off farm:								
Any	434	388	303	302	492	674	602	396
200 days or more	314	243	153	159	334	480	383	263
Livestock and poultry:								
Cattle and calves inventory ..... farms	316	381	117	292	446	873	514	355
number	18 075	30 651	11 936	33 145	44 383	89 317	46 016	20 280
Beef cows ..... farms	259	174	58	235	369	648	426	307
number	8 399	5 118	1 463	(D)	16 485	25 448	16 551	8 591
Milk cows ..... farms	8	105	7	5	26	141	19	16
number	364	4 561	299	(D)	994	7 592	857	524
Cattle and calves sold ..... farms	309	384	116	300	446	850	525	352
number	11 757	18 262	11 625	28 628	31 328	56 144	34 922	12 132
Hogs and pigs inventory ..... farms	129	187	108	149	201	232	215	121
number	88 271	98 979	85 721	120 684	134 113	89 234	180 743	72 998
Hogs and pigs sold ..... farms	133	195	114	165	210	238	232	128
number	153 299	178 278	182 194	221 398	225 076	165 728	435 549	142 282
Sheep and lambs inventory ..... farms	51	26	22	29	47	53	91	42
number	2 289	1 111	3 870	2 117	2 114	2 475	3 546	9 646
Layers and pullets 13 weeks old and older inventory (see text) ..... farms	11	31	11	15	12	25	27	16
number	360	1 492	133 062	1 857	883	(D)	(D)	922
Broilers and other meat-type chickens sold ..... farms	2	5	4	3	5	6	7	2
number	(D)	325	(D)	(D)	485	1 955	2 681	(D)
Selected crops harvested:								
Corn for grain or seed ..... farms	499	606	510	493	614	787	834	405
acres	85 642	105 511	120 221	104 446	112 493	91 247	157 636	61 740
bushels	11 322 611	14 286 924	17 080 777	13 720 056	14 753 816	11 575 597	21 615 987	8 058 776
Corn for silage or green chop ..... farms	33	165	32	73	92	181	60	30
acres	728	4 216	805	2 302	2 739	4 910	1 880	602
tons, green	10 340	68 763	14 250	34 014	44 028	74 131	32 095	7 845
Wheat for grain ..... farms	14	5	–	–	7	12	1	30
acres	599	206	–	–	427	387	(D)	866
bushels	31 766	10 735	–	–	22 465	14 020	(D)	39 440
Oats for grain ..... farms	64	165	33	64	167	370	161	96
acres	995	3 137	440	1 175	3 601	8 205	3 668	1 787
bushels	73 738	215 038	34 905	86 328	261 835	531 135	242 757	104 230
Soybeans for beans ..... farms	483	557	498	466	573	271	790	403
acres	70 786	92 922	117 554	91 543	76 935	18 686	138 711	62 066
bushels	3 378 591	4 004 292	5 297 769	4 130 035	3 789 169	905 042	6 745 742	2 764 056
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms	326	355	107	247	453	779	574	357
acres	10 114	13 389	1 983	8 205	20 944	49 004	21 078	13 924
tons, dry	25 993	36 346	4 955	24 329	64 559	160 275	69 462	35 237

See footnotes at end of table.

Table 1. **County Summary Highlights: 1997**—Con.

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

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Farms ..... number	1 261	1 029	968	1 404	861	1 480	593	706
Land in farms ..... acres	288 139	321 934	323 028	580 884	256 685	339 227	201 393	227 160
Average size of farm ..... acres	229	313	334	414	298	229	340	322
Median size of farm ..... acres	120	206	200	320	169	115	230	184
Estimated market value of land and buildings[1]:								
Average per farm ..... dollars	415 623	484 280	523 123	884 927	381 446	525 825	481 986	245 943
Average per acre ..... dollars	1 816	1 607	1 535	2 216	1 332	2 347	1 516	732
Estimated market value of all machinery and equipment[1]:								
Average per farm ..... dollars	55 575	76 208	74 786	109 491	71 284	60 099	86 449	43 351
Farms by size:								
1 to 9 acres	53	59	38	66	42	88	23	20
10 to 49 acres	250	134	111	100	122	340	77	97
50 to 179 acres	477	266	303	288	280	503	144	232
180 to 499 acres	313	355	299	534	240	377	211	228
500 to 999 acres	135	165	156	310	132	114	105	87
1,000 acres or more	33	50	61	106	45	58	33	42
Total cropland ..... farms	1 183	953	883	1 325	773	1 342	544	634
acres	249 275	267 164	263 316	547 880	189 658	291 876	168 229	156 678
Harvested cropland ..... farms	1 009	841	715	1 278	672	1 167	474	513
acres	202 934	233 100	193 893	528 869	156 755	257 566	146 959	76 807
Irrigated land ..... farms	20	3	–	8	12	23	34	1
acres	771	(D)	–	614	939	189	5 015	(D)
Market value of agricultural products sold $1,000	100 391	136 937	96 734	242 775	77 358	113 460	81 296	29 371
Average per farm ..... dollars	79 613	133 077	99 932	172 917	89 847	76 662	137 093	41 602
Crops, including nursery and greenhouse crops $1,000	50 828	60 615	51 130	152 745	41 883	75 062	42 389	13 527
Livestock, poultry, and their products $1,000	49 563	76 322	45 605	90 031	35 475	38 398	38 907	15 844
Farms by value of sales:								
Less than $2,500	278	137	214	75	194	332	126	172
$2,500 to $4,999	82	44	61	14	68	122	28	79
$5,000 to $9,999	94	58	62	35	80	129	35	93
$10,000 to $24,999	158	112	126	112	120	200	51	116
$25,000 to $49,999	158	139	104	179	104	199	76	102
$50,000 to $99,999	188	171	129	263	80	190	91	71
$100,000 or more	303	368	272	726	215	308	186	73
Total farm production expenses[1] $1,000	72 898	100 511	71 065	162 320	56 337	78 785	53 833	22 214
Average per farm ..... dollars	57 810	97 773	73 339	115 531	65 280	53 233	90 935	31 465
Net cash return from agricultural sales for the farm unit (see text)[1] ..... farms	1 261	1 028	969	1 405	863	1 480	592	706
$1,000	23 717	27 668	22 957	68 295	19 440	29 047	23 103	5 047
Average per farm ..... dollars	18 808	26 914	23 692	48 608	22 526	19 626	39 025	7 149
Operators by principal occupation:								
Farming	702	634	545	1 038	453	766	332	351
Other	559	395	423	366	408	714	261	355
Operators by days worked off farm:								
Any	678	520	478	638	440	800	326	394
200 days or more	449	341	339	305	322	601	210	276
Livestock and poultry:								
Cattle and calves inventory ..... farms	566	530	413	308	392	616	176	445
number	37 990	61 039	28 601	30 431	26 884	36 790	11 269	40 506
Beef cows ..... farms	405	357	359	167	310	445	141	417
number	12 395	15 237	13 292	4 905	10 265	10 358	4 548	21 117
Milk cows ..... farms	96	62	7	25	23	54	7	14
number	2 938	3 256	203	1 191	1 447	2 033	193	239
Cattle and calves sold ..... farms	560	547	412	320	388	602	171	447
number	20 686	55 187	23 828	29 965	16 033	27 302	6 929	22 671
Hogs and pigs inventory ..... farms	279	233	195	306	146	193	95	55
number	137 946	147 204	144 412	323 029	113 345	80 301	90 189	19 082
Hogs and pigs sold ..... farms	300	249	204	326	150	200	103	59
number	233 268	284 774	258 083	657 058	201 341	135 108	299 766	41 353
Sheep and lambs inventory ..... farms	114	49	60	63	49	87	28	29
number	5 758	2 552	3 071	3 809	3 093	2 987	1 076	3 239
Layers and pullets 13 weeks old and older inventory (see text) ..... farms	65	18	13	20	20	44	6	24
number	(D)	466	(D)	(D)	1 496	1 418	(D)	521
Broilers and other meat-type chickens sold ..... farms	12	6	4	10	–	10	2	4
number	10 537	1 176	960	8 142	–	1 438	(D)	950
Selected crops harvested:								
Corn for grain or seed ..... farms	778	716	588	1 201	496	877	382	278
acres	98 460	135 485	98 836	278 774	74 928	128 793	75 216	23 535
bushels	13 131 480	18 643 910	13 620 395	39 434 946	10 047 204	17 834 588	9 413 450	2 903 555
Corn for silage or green chop ..... farms	126	144	45	104	71	132	29	32
acres	2 239	3 595	913	3 180	2 054	2 695	550	693
tons, green	37 334	59 973	15 904	55 595	46 521	47 341	8 500	10 929
Wheat for grain ..... farms	25	1	12	–	90	10	20	4
acres	1 116	(D)	273	–	2 057	412	298	311
bushels	57 974	(D)	13 949	–	102 235	17 663	12 915	8 480
Oats for grain ..... farms	249	185	99	125	57	211	40	70
acres	5 060	4 069	2 121	1 667	783	3 903	660	1 599
bushels	346 153	239 383	137 785	126 349	49 481	273 494	48 156	97 986
Soybeans for beans ..... farms	629	553	550	1 172	458	790	372	242
acres	76 018	70 527	80 464	242 432	63 556	105 898	65 965	24 159
bushels	3 596 929	3 504 748	3 972 982	10 333 066	3 053 380	4 948 400	2 957 729	1 052 973
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms	634	534	374	225	415	648	183	444
acres	23 739	24 448	15 280	5 278	16 084	18 870	4 447	29 048
tons, dry	72 724	77 258	47 276	10 820	46 121	52 697	13 560	73 960

See footnotes at end of table.

Table 1. **County Summary Highlights: 1997**—Con.

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

Item		Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Farms	number	1 149	986	1 022	971	912	496	824	697
Land in farms	acres	348 492	316 579	329 038	285 724	319 392	232 129	265 173	367 651
Average size of farm	acres	303	321	322	294	350	468	322	527
Median size of farm	acres	230	160	200	144	200	310	208	320
Estimated market value of land and buildings[1]:									
Average per farm	dollars	565 532	427 050	465 895	408 068	662 645	684 846	573 647	691 520
Average per acre	dollars	1 923	1 251	1 606	1 435	2 029	1 588	1 874	1 317
Estimated market value of all machinery and equipment[1]:									
Average per farm	dollars	78 493	54 615	73 575	55 288	81 835	83 621	84 112	88 968
Farms by size:									
1 to 9 acres		116	26	52	38	53	15	75	28
10 to 49 acres		119	157	103	158	141	61	104	52
50 to 179 acres		273	341	321	364	238	116	193	166
180 to 499 acres		424	272	327	233	255	133	264	198
500 to 999 acres		181	130	167	125	151	102	142	154
1,000 acres or more		36	60	52	53	74	69	46	99
Total cropland	farms	1 014	912	933	887	831	470	737	659
	acres	315 326	228 786	273 633	218 837	289 823	204 717	242 726	316 827
Harvested cropland	farms	961	793	807	733	736	430	700	589
	acres	293 762	163 603	230 111	171 369	260 604	181 401	230 307	276 942
Irrigated land	farms	7	6	5	7	6	3	7	102
	acres	515	46	(D)	55	8	(D)	394	40 838
Market value of agricultural products sold	$1,000	198 795	73 550	156 722	73 114	117 640	59 190	160 571	100 554
Average per farm	dollars	173 016	74 594	153 348	75 298	128 992	119 334	194 868	144 267
Crops, including nursery and greenhouse crops	$1,000	70 645	35 884	59 973	44 514	79 582	50 038	61 461	67 503
Livestock, poultry, and their products	$1,000	128 151	37 666	96 749	28 601	38 059	9 152	99 110	33 051
Farms by value of sales:									
Less than $2,500		83	206	167	257	143	62	77	69
$2,500 to $4,999		33	84	48	66	56	31	39	18
$5,000 to $9,999		42	130	73	103	57	30	33	49
$10,000 to $24,999		108	163	123	145	87	40	61	81
$25,000 to $49,999		168	127	116	91	115	64	116	89
$50,000 to $99,999		193	121	142	106	136	59	124	107
$100,000 or more		522	155	353	203	318	210	374	284
Total farm production expenses[1]	$1,000	145 807	58 862	106 900	49 036	80 870	34 423	122 220	69 682
Average per farm	dollars	126 899	59 637	104 599	50 501	88 479	69 541	147 787	99 831
Net cash return from agricultural sales for the farm unit (see text)[1]	farms	1 149	987	1 022	971	914	495	827	698
	$1,000	50 676	18 140	39 603	19 143	28 952	20 357	30 966	26 195
Average per farm	dollars	44 104	18 379	38 750	19 715	31 676	41 125	37 443	37 528
Operators by principal occupation:									
Farming		791	456	633	442	550	317	535	473
Other		358	530	389	529	362	179	289	224
Operators by days worked off farm:									
Any		562	586	513	568	447	205	400	320
200 days or more		309	408	315	412	321	138	251	149
Livestock and poultry:									
Cattle and calves inventory	farms	507	579	436	465	316	180	322	263
	number	78 467	44 695	41 421	30 772	25 413	14 175	44 635	36 424
Beef cows	farms	261	523	308	387	252	149	105	201
	number	9 568	21 791	10 454	12 969	7 996	5 680	2 873	9 491
Milk cows	farms	59	5	22	18	8	5	78	6
	number	4 315	12	1 106	742	855	85	2 996	217
Cattle and calves sold	farms	522	578	446	466	317	179	312	267
	number	75 088	23 801	37 650	19 223	18 434	8 988	44 839	30 974
Hogs and pigs inventory	farms	371	87	259	138	139	51	259	114
	number	325 619	40 136	247 819	80 740	118 159	17 544	265 686	55 490
Hogs and pigs sold	farms	392	91	284	138	146	55	285	117
	number	628 837	86 570	506 067	158 956	220 724	42 484	490 159	98 124
Sheep and lambs inventory	farms	58	49	48	79	71	21	35	22
	number	5 715	2 121	2 515	8 218	3 280	1 056	1 296	1 145
Layers and pullets 13 weeks old and older inventory (see text)	farms	19	27	11	24	16	9	39	10
	number	(D)	(D)	(D)	856	(D)	(D)	(D)	193
Broilers and other meat-type chickens sold	farms	13	1	2	4	6	2	13	2
	number	404 682	(D)	(D)	197	1 395	(D)	(D)	(D)
Selected crops harvested:									
Corn for grain or seed	farms	850	520	681	526	614	348	627	515
	acres	141 720	68 946	117 711	77 621	130 504	87 047	121 677	140 004
	bushels	18 010 906	8 287 469	15 931 605	9 769 902	17 459 458	11 355 107	17 520 175	16 747 695
Corn for silage or green chop	farms	216	60	99	39	43	10	157	63
	acres	7 138	2 022	2 648	1 079	1 371	267	6 614	2 045
	tons, green	125 483	23 178	48 193	18 344	25 643	4 120	109 208	28 577
Wheat for grain	farms	11	6	4	7	5	14	1	7
	acres	336	204	131	199	46	588	(D)	457
	bushels	10 980	5 498	5 660	7 850	1 855	19 193	(D)	12 282
Oats for grain	farms	127	63	130	105	52	18	154	38
	acres	2 443	1 225	2 362	2 184	963	374	3 355	1 001
	bushels	188 765	68 586	172 213	146 320	69 749	24 397	255 537	70 362
Soybeans for beans	farms	837	533	643	521	616	369	586	486
	acres	134 236	67 246	94 723	71 549	120 612	89 756	92 807	123 734
	bushels	6 032 759	2 764 953	4 584 281	3 205 697	5 965 650	3 761 142	4 202 974	5 018 939
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	457	583	432	495	299	192	262	219
	acres	11 619	26 757	15 911	22 706	8 873	5 470	8 439	8 812
	tons, dry	34 013	64 629	50 351	58 528	27 084	15 654	20 915	25 170

See footnotes at end of table.

Table 1. **County Summary Highlights: 1997**—Con.

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

Item		Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Farms	number	691	577	783	977	649	845	787	1 490
Land in farms	acres	217 317	242 650	219 001	358 472	240 601	309 228	327 733	512 029
Average size of farm	acres	314	421	280	367	371	366	416	344
Median size of farm	acres	200	280	160	290	264	214	320	240
Estimated market value of land and buildings[1]:									
Average per farm	dollars	254 477	534 755	444 479	795 168	729 355	402 409	790 686	638 394
Average per acre	dollars	827	1 227	1 711	2 253	1 829	1 150	1 962	1 950
Estimated market value of all machinery and equipment[1]:									
Average per farm	dollars	43 397	93 498	86 125	109 176	101 614	68 675	91 209	78 988
Farms by size:									
1 to 9 acres		14	24	50	62	49	41	42	98
10 to 49 acres		72	51	149	73	46	95	65	177
50 to 179 acres		228	150	231	194	170	246	171	332
180 to 499 acres		246	172	213	390	211	237	252	547
500 to 999 acres		101	122	102	202	133	162	194	264
1,000 acres or more		30	58	38	56	40	64	63	72
Total cropland	farms	644	535	715	891	590	778	732	1 348
	acres	150 876	209 389	189 869	330 094	222 296	259 981	305 714	456 116
Harvested cropland	farms	578	471	625	879	573	674	698	1 235
	acres	83 216	171 618	169 909	314 232	214 077	204 034	289 010	410 249
Irrigated land	farms	2	2	41	4	7	8	27	9
	acres	(D)	(D)	5 924	(D)	717	187	4 185	2 262
Market value of agricultural products sold	$1,000	39 323	82 602	73 835	180 036	139 942	79 419	155 767	238 391
Average per farm	dollars	56 907	143 157	94 298	184 274	215 627	93 986	197 925	159 994
Crops, including nursery and greenhouse crops	$1,000	14 554	47 023	47 084	89 530	55 793	52 182	81 740	98 729
Livestock, poultry, and their products	$1,000	24 769	35 579	26 752	90 506	84 148	27 236	74 027	139 662
Farms by value of sales:									
Less than $2,500		115	89	148	24	33	139	76	165
$2,500 to $4,999		59	36	54	11	11	40	23	55
$5,000 to $9,999		102	33	54	25	18	56	23	75
$10,000 to $24,999		144	70	90	77	53	116	55	155
$25,000 to $49,999		104	59	107	117	103	127	94	164
$50,000 to $99,999		81	91	122	223	123	109	131	264
$100,000 or more		86	199	208	500	308	258	385	612
Total farm production expenses[1]	$1,000	29 882	53 462	55 741	123 842	95 705	50 123	100 333	173 372
Average per farm	dollars	43 244	92 816	71 280	126 758	147 465	59 387	127 489	116 435
Net cash return from agricultural sales for the farm unit (see text)[1]	farms	691	576	782	977	649	844	787	1 489
	$1,000	6 944	26 951	13 171	48 210	38 731	23 845	48 756	51 136
Average per farm	dollars	10 049	46 790	16 842	49 345	59 678	28 252	61 952	34 342
Operators by principal occupation:									
Farming		352	397	435	714	465	491	557	1 011
Other		339	180	348	263	184	354	230	479
Operators by days worked off farm:									
Any		385	263	408	462	298	444	355	683
200 days or more		256	147	282	236	161	291	185	408
Livestock and poultry:									
Cattle and calves inventory	farms	418	275	295	274	188	447	182	616
	number	37 088	29 357	19 217	34 064	30 926	39 461	18 843	79 131
Beef cows	farms	372	234	232	160	68	373	111	427
	number	17 586	10 160	6 417	6 394	2 581	15 535	2 994	17 884
Milk cows	farms	18	7	20	18	24	5	14	36
	number	705	247	1 043	760	1 338	75	362	2 215
Cattle and calves sold	farms	419	281	287	282	195	461	186	621
	number	24 547	22 658	11 338	33 127	33 693	25 275	18 896	69 607
Hogs and pigs inventory	farms	48	79	141	280	153	126	157	465
	number	45 184	38 330	68 777	283 000	216 701	61 151	199 116	460 965
Hogs and pigs sold	farms	50	86	150	300	165	130	170	502
	number	88 139	70 046	115 246	609 841	408 719	98 018	436 283	827 513
Sheep and lambs inventory	farms	27	19	61	57	27	32	23	68
	number	1 718	681	1 632	4 485	3 771	1 496	3 843	7 202
Layers and pullets 13 weeks old and older inventory (see text)	farms	10	10	26	21	9	11	10	30
	number	(D)	(D)	2 045	304 930	(D)	(D)	(D)	8 262
Broilers and other meat-type chickens sold	farms	–	1	7	9	4	2	7	4
	number	–	(D)	1 250	(D)	(D)	(D)	2 106	(D)
Selected crops harvested:									
Corn for grain or seed	farms	311	401	503	816	531	537	636	1 104
	acres	27 028	80 630	86 570	152 787	103 308	90 619	145 977	205 499
	bushels	3 303 128	10 422 485	10 895 561	20 691 261	12 776 047	11 625 835	20 192 212	25 290 584
Corn for silage or green chop	farms	44	27	57	92	74	42	63	148
	acres	1 208	746	2 078	2 396	3 406	1 061	2 006	5 619
	tons, green	23 497	11 538	37 415	39 282	54 973	18 744	32 423	79 062
Wheat for grain	farms	8	3	15	2	2	14	–	2
	acres	280	(D)	333	(D)	(D)	390	–	(D)
	bushels	6 022	(D)	13 798	(D)	(D)	13 802	–	(D)
Oats for grain	farms	39	25	117	83	54	39	53	180
	acres	907	590	2 076	874	859	851	1 051	3 820
	bushels	68 377	39 752	142 806	75 884	71 130	46 566	76 188	278 996
Soybeans for beans	farms	310	397	462	830	539	557	633	1 050
	acres	26 580	79 948	69 398	155 109	104 755	96 650	138 121	183 410
	bushels	1 164 628	3 481 395	3 169 940	7 274 306	4 385 453	4 262 924	6 024 714	8 177 213
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	478	291	331	262	151	443	153	526
	acres	28 845	11 540	10 183	5 279	3 363	17 790	3 468	15 857
	tons, dry	77 593	29 678	31 493	13 691	7 758	47 591	7 722	41 539

See footnotes at end of table.

Table 1. **County Summary Highlights: 1997**—Con.

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

Item		Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
Farms	number	778	800	1 325	934	671	813	799	921
Land in farms	acres	356 988	225 623	536 704	335 296	263 753	344 949	225 248	342 366
Average size of farm	acres	459	282	405	359	393	424	282	372
Median size of farm	acres	376	100	247	214	208	300	160	280
Estimated market value of land and buildings[1]:									
Average per farm	dollars	990 319	602 608	731 847	498 409	273 901	840 563	852 488	609 382
Average per acre	dollars	2 288	2 052	1 946	1 433	741	2 125	2 797	1 627
Estimated market value of all machinery and equipment[1]:									
Average per farm	dollars	127 583	74 442	89 350	73 440	55 249	101 894	102 191	79 719
Farms by size:									
1 to 9 acres		26	59	77	34	20	47	46	52
10 to 49 acres		50	236	204	114	69	75	152	77
50 to 179 acres		144	215	287	267	194	174	224	189
180 to 499 acres		269	146	351	281	223	287	230	358
500 to 999 acres		216	86	272	173	98	162	107	189
1,000 acres or more		73	58	134	65	67	68	40	56
Total cropland	farms	753	725	1 222	861	628	741	751	852
	acres	338 984	200 801	482 787	292 572	210 245	312 041	205 650	314 868
Harvested cropland	farms	738	643	1 129	709	505	713	703	809
	acres	330 852	184 859	436 604	230 161	114 558	298 271	194 545	287 342
Irrigated land	farms	7	20	17	3	1	8	11	5
	acres	107	112	1 864	3	(D)	590	640	20
Market value of agricultural products sold	$1,000	138 598	71 221	190 001	107 375	48 665	190 949	95 104	132 843
Average per farm	dollars	178 147	89 026	143 397	114 963	72 526	234 870	119 029	144 237
Crops, including nursery and greenhouse crops	$1,000	99 686	61 424	123 605	63 377	18 591	82 244	61 748	76 335
Livestock, poultry, and their products	$1,000	38 912	9 797	66 396	43 998	30 074	108 705	33 356	56 507
Farms by value of sales:									
Less than $2,500		31	212	162	202	162	52	93	59
$2,500 to $4,999		14	55	60	35	35	18	47	21
$5,000 to $9,999		14	70	96	59	69	21	61	34
$10,000 to $24,999		62	76	135	104	135	74	88	82
$25,000 to $49,999		96	91	158	104	74	105	114	131
$50,000 to $99,999		126	102	194	131	100	142	122	199
$100,000 or more		435	194	520	299	96	401	274	395
Total farm production expenses[1]	$1,000	79 515	42 541	130 063	72 216	40 433	133 924	72 368	91 309
Average per farm	dollars	102 335	53 044	98 087	77 402	60 258	164 931	90 687	99 249
Net cash return from agricultural sales for the farm unit (see text)[1]	farms	777	802	1 326	933	671	812	798	920
	$1,000	48 444	24 745	49 418	32 851	6 155	46 651	23 391	33 497
Average per farm	dollars	62 348	30 854	37 269	35 210	9 173	57 451	29 313	36 410
Operators by principal occupation:									
Farming		600	371	893	509	403	568	488	691
Other		178	429	432	425	268	245	311	230
Operators by days worked off farm:									
Any		340	468	586	497	337	358	415	393
200 days or more		145	341	356	338	207	203	280	195
Livestock and poultry:									
Cattle and calves inventory	farms	131	190	559	462	407	276	292	425
	number	11 657	9 774	63 804	40 525	41 973	39 542	20 483	40 343
Beef cows	farms	73	152	451	392	380	184	208	341
	number	1 797	4 135	15 680	15 515	21 129	6 398	5 581	10 986
Milk cows	farms	6	3	13	12	13	13	24	8
	number	443	246	314	1 091	242	754	844	324
Cattle and calves sold	farms	136	189	560	459	408	284	282	428
	number	10 280	7 572	67 441	22 193	21 919	46 939	14 060	36 781
Hogs and pigs inventory	farms	151	64	189	172	55	240	152	217
	number	118 209	21 780	87 323	109 074	181 241	350 473	104 705	119 133
Hogs and pigs sold	farms	162	72	207	182	57	256	162	230
	number	248 666	43 497	174 265	227 321	179 898	589 288	171 920	262 853
Sheep and lambs inventory	farms	27	48	53	59	24	51	53	39
	number	1 567	2 210	1 795	3 174	1 449	5 411	1 679	2 109
Layers and pullets 13 weeks old and older inventory (see text)	farms	9	17	31	12	14	15	22	17
	number	(D)	(D)	1 021	(D)	(D)	(D)	(D)	(D)
Broilers and other meat-type chickens sold	farms	3	5	9	4	4	5	2	9
	number	(D)	6 605	874	95	(D)	425	(D)	1 474
Selected crops harvested:									
Corn for grain or seed	farms	703	442	957	607	318	659	585	748
	acres	163 570	90 408	217 327	108 723	37 393	145 454	114 405	151 012
	bushels	23 291 520	13 423 582	27 608 524	14 714 637	3 916 927	19 097 215	15 877 875	18 995 077
Corn for silage or green chop	farms	32	18	85	61	39	65	60	62
	acres	644	558	2 518	1 794	1 180	2 601	1 521	1 055
	tons, green	11 480	8 455	38 421	33 281	17 769	47 796	25 221	18 718
Wheat for grain	farms	1	4	13	4	8	3	8	4
	acres	(D)	93	422	70	273	143	149	112
	bushels	(D)	4 381	18 827	2 460	6 082	5 708	7 029	4 780
Oats for grain	farms	52	22	57	165	70	110	116	108
	acres	842	435	1 467	3 609	1 971	1 980	1 613	2 158
	bushels	69 278	28 390	98 944	246 498	106 689	139 693	135 561	168 691
Soybeans for beans	farms	698	448	923	584	344	642	522	716
	acres	164 947	87 971	201 459	97 123	42 564	141 008	70 605	124 143
	bushels	7 554 633	4 004 990	8 771 176	4 615 495	1 709 042	6 521 868	3 635 063	5 783 806
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	136	241	567	488	410	259	303	407
	acres	2 115	6 972	16 109	24 242	32 329	7 289	7 618	12 260
	tons, dry	4 636	16 409	46 271	75 394	72 991	20 305	23 455	36 632

See footnotes at end of table.

Table 1. **County Summary Highlights: 1997**—Con.

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

Item		Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Farms	number	1 752	946	1 152	746	671	807	781	1 214
Land in farms	acres	493 556	340 885	396 220	291 497	225 134	257 227	208 213	299 835
Average size of farm	acres	282	360	344	391	336	319	267	247
Median size of farm	acres	200	180	220	240	183	200	152	120
Estimated market value of land and buildings[1]:									
Average per farm	dollars	661 908	801 353	608 765	354 123	311 057	240 446	354 530	352 257
Average per acre	dollars	2 445	2 234	1 911	957	909	851	1 392	1 523
Estimated market value of all machinery and equipment[1]:									
Average per farm	dollars	93 390	98 118	76 516	40 051	47 146	49 516	63 291	49 352
Farms by size:									
1 to 9 acres		236	75	63	27	24	24	20	59
10 to 49 acres		188	146	145	56	109	87	138	275
50 to 179 acres		422	249	296	223	198	257	277	437
180 to 499 acres		612	236	391	268	199	284	218	282
500 to 999 acres		237	166	194	115	93	113	89	102
1,000 acres or more		57	74	63	57	48	42	39	59
Total cropland	farms	1 509	871	1 066	696	617	740	727	1 092
	acres	452 956	316 839	347 809	228 964	168 866	171 564	159 991	219 996
Harvested cropland	farms	1 432	837	940	556	506	622	606	953
	acres	432 087	304 609	300 427	147 591	106 685	114 335	118 662	165 153
Irrigated land	farms	47	22	6	–	8	3	5	8
	acres	7 899	325	91	–	152	13	51	255
Market value of agricultural products sold	$1,000	507 960	130 832	127 816	62 200	39 032	43 027	44 604	59 615
Average per farm	dollars	289 932	138 300	110 952	83 378	58 169	53 318	57 112	49 106
Crops, including nursery and greenhouse crops	$1,000	110 319	93 758	86 261	30 448	19 946	24 741	28 976	38 315
Livestock, poultry, and their products	$1,000	397 641	37 074	41 555	31 752	19 086	18 287	15 628	21 300
Farms by value of sales:									
Less than $2,500		94	112	166	154	151	206	224	329
$2,500 to $4,999		40	44	70	42	57	70	81	128
$5,000 to $9,999		48	58	79	60	62	89	117	167
$10,000 to $24,999		148	118	136	148	124	137	105	207
$25,000 to $49,999		216	119	145	105	87	98	71	124
$50,000 to $99,999		273	150	179	108	84	89	57	106
$100,000 or more		933	345	377	129	106	118	126	153
Total farm production expenses[1]	$1,000	378 426	84 555	91 847	43 481	28 838	31 529	31 882	40 526
Average per farm	dollars	216 120	89 287	79 659	58 363	42 914	39 167	40 926	33 354
Net cash return from agricultural sales for the farm unit (see text)[1]	farms	1 751	947	1 153	745	672	805	779	1 215
	$1,000	115 294	46 357	25 410	15 411	5 916	7 163	10 823	16 990
Average per farm	dollars	65 845	48 952	22 038	20 686	8 803	8 898	13 894	13 984
Operators by principal occupation:									
Farming		1 176	536	697	412	339	391	370	542
Other		576	410	455	334	332	416	411	672
Operators by days worked off farm:									
Any		855	498	592	420	387	500	437	730
200 days or more		527	334	392	285	261	349	300	541
Livestock and poultry:									
Cattle and calves inventory	farms	677	212	500	425	402	450	387	620
	number	174 053	16 965	34 081	36 730	37 889	30 669	20 975	39 482
Beef cows	farms	187	135	382	375	359	394	346	556
	number	10 700	3 568	13 332	17 312	(D)	15 319	9 976	18 329
Milk cows	farms	117	8	29	7	5	30	15	21
	number	14 214	1 342	1 460	220	(D)	941	439	494
Cattle and calves sold	farms	707	208	501	433	403	458	379	599
	number	243 608	14 124	23 186	20 110	20 303	16 083	12 567	21 154
Hogs and pigs inventory	farms	688	142	165	83	63	82	61	91
	number	762 294	102 688	103 275	41 037	56 082	43 971	34 941	42 339
Hogs and pigs sold	farms	729	148	184	86	65	84	65	96
	number	1 583 014	186 026	204 069	71 487	106 403	90 203	65 352	68 032
Sheep and lambs inventory	farms	102	62	80	23	39	62	23	61
	number	28 917	2 906	3 470	1 126	2 970	3 548	631	1 790
Layers and pullets 13 weeks old and older inventory (see text)	farms	32	17	35	19	12	23	16	30
	number	(D)	2 700	1 370	(D)	210	1 036	620	679
Broilers and other meat-type chickens sold	farms	23	7	9	4	8	4	2	3
	number	2 472 235	4 300	1 044	(D)	(D)	248	(D)	(D)
Selected crops harvested:									
Corn for grain or seed	farms	1 277	705	794	402	346	396	331	541
	acres	221 167	153 984	153 862	55 711	40 234	44 270	48 851	69 439
	bushels	29 821 449	21 728 167	20 175 618	6 284 662	4 538 654	5 537 637	6 408 454	9 036 378
Corn for silage or green chop	farms	290	36	67	25	36	46	21	66
	acres	15 016	1 428	1 462	632	898	966	555	1 430
	tons, green	246 669	24 063	24 714	7 792	10 790	21 089	9 618	22 524
Wheat for grain	farms	13	6	–	17	4	13	11	4
	acres	374	78	–	616	166	232	199	88
	bushels	17 243	3 992	–	19 209	5 680	8 088	8 940	2 234
Oats for grain	farms	123	57	156	52	95	71	48	75
	acres	2 329	804	2 437	1 428	2 894	1 163	1 113	1 261
	bushels	190 048	60 090	163 720	73 925	158 143	71 813	91 043	74 212
Soybeans for beans	farms	1 213	688	738	440	303	365	320	544
	acres	183 844	145 726	130 656	70 062	40 063	44 647	51 014	67 793
	bushels	8 786 442	6 578 229	6 185 159	2 725 607	1 636 565	2 043 426	2 332 218	2 935 310
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	485	264	493	388	403	475	420	675
	acres	13 090	5 459	16 290	21 584	25 525	25 354	18 609	27 207
	tons, dry	38 891	16 024	51 012	51 419	57 426	64 850	44 351	75 368

See footnotes at end of table.

Table 1. **County Summary Highlights: 1997**—Con.

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

Item		Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Farms	number	1 061	729	937	607	1 450	1 306	608	717
Land in farms	acres	317 699	286 412	412 641	241 600	360 778	497 241	227 898	349 675
Average size of farm	acres	299	393	440	398	249	381	375	488
Median size of farm	acres	198	250	280	255	178	200	231	360
Estimated market value of land and buildings[1]:									
Average per farm	dollars	545 505	252 553	1 069 561	717 501	321 413	506 937	639 598	1 055 635
Average per acre	dollars	1 777	630	2 330	1 814	1 358	1 332	1 645	2 226
Estimated market value of all machinery and equipment[1]:									
Average per farm	dollars	82 634	47 934	112 406	109 336	61 264	78 638	99 621	136 504
Farms by size:									
1 to 9 acres		75	24	55	53	65	74	43	41
10 to 49 acres		131	65	88	73	201	198	79	64
50 to 179 acres		292	190	192	127	464	343	145	132
180 to 499 acres		361	252	316	183	538	375	158	199
500 to 999 acres		160	135	178	118	155	207	134	181
1,000 acres or more		42	63	108	53	27	109	49	100
Total cropland	farms	952	685	884	562	1 320	1 181	555	664
	acres	273 784	218 755	385 884	226 547	286 614	427 501	209 352	329 787
Harvested cropland	farms	851	576	849	510	1 116	1 015	498	641
	acres	234 397	129 229	374 565	214 360	230 401	365 559	196 909	318 484
Irrigated land	farms	2	3	9	3	13	44	3	1
	acres	(D)	(D)	87	3	179	7 782	402	(D)
Market value of agricultural products sold	$1,000	174 186	36 564	166 258	78 356	131 310	151 324	76 626	175 045
Average per farm	dollars	164 171	50 157	177 436	129 088	90 559	115 869	126 030	244 136
Crops, including nursery and greenhouse crops	$1,000	58 708	21 685	113 102	64 038	42 874	89 808	57 498	95 737
Livestock, poultry, and their products	$1,000	115 478	14 879	53 156	14 319	88 436	61 516	19 128	79 308
Farms by value of sales:									
Less than $2,500		158	143	60	95	300	236	102	57
$2,500 to $4,999		44	56	40	20	57	76	17	25
$5,000 to $9,999		53	78	32	24	88	96	17	23
$10,000 to $24,999		86	129	86	53	165	158	53	64
$25,000 to $49,999		123	135	106	81	189	157	80	63
$50,000 to $99,999		181	83	190	73	241	179	78	115
$100,000 or more		416	105	423	261	410	404	261	370
Total farm production expenses[1]	$1,000	120 050	26 130	105 595	53 161	94 934	115 872	53 185	137 341
Average per farm	dollars	113 042	35 844	112 815	87 724	65 472	88 587	87 620	191 816
Net cash return from agricultural sales for the farm unit (see text)[1]	farms	1 062	729	936	606	1 450	1 308	607	716
	$1,000	44 860	6 886	53 525	21 567	27 765	33 362	17 346	30 082
Average per farm	dollars	42 241	9 446	57 185	35 589	19 148	25 506	28 577	42 014
Operators by principal occupation:									
Farming		698	412	665	395	877	783	400	513
Other		363	317	272	212	573	523	208	204
Operators by days worked off farm:									
Any		502	388	437	290	699	634	298	342
200 days or more		319	256	234	170	456	408	156	166
Livestock and poultry:									
Cattle and calves inventory	farms	394	450	208	120	855	511	180	108
	number	25 439	42 482	12 870	5 994	81 358	62 634	9 892	5 245
Beef cows	farms	285	399	154	67	443	412	125	72
	number	9 423	20 902	3 805	1 136	13 915	18 491	2 652	1 539
Milk cows	farms	50	16	6	21	332	5	12	5
	number	1 272	479	292	533	19 617	109	467	64
Cattle and calves sold	farms	388	450	199	110	867	516	179	107
	number	16 647	22 219	9 187	4 435	36 564	58 807	6 817	7 214
Hogs and pigs inventory	farms	386	49	130	122	302	190	103	94
	number	436 353	20 808	149 935	44 371	125 534	103 850	46 325	358 616
Hogs and pigs sold	farms	395	50	146	133	321	205	111	101
	number	859 017	34 908	267 770	100 461	241 169	202 105	83 705	487 107
Sheep and lambs inventory	farms	70	28	36	26	58	48	23	39
	number	3 278	1 043	1 274	651	1 991	1 991	937	1 621
Layers and pullets 13 weeks old and older inventory (see text)	farms	48	11	20	8	36	33	4	9
	number	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Broilers and other meat-type chickens sold	farms	11	1	1	2	5	5	5	1
	number	(D)	(D)	(D)	(D)	475	1 960	630	(D)
Selected crops harvested:									
Corn for grain or seed	farms	731	340	762	438	964	808	433	600
	acres	115 938	42 337	183 897	118 378	116 778	186 237	102 966	162 707
	bushels	15 924 901	4 448 082	25 972 338	16 976 038	15 888 053	21 430 318	14 324 472	22 388 449
Corn for silage or green chop	farms	74	34	35	37	419	117	46	10
	acres	1 307	1 009	916	1 139	11 245	4 170	952	518
	tons, green	20 954	10 673	16 210	18 374	189 559	66 556	14 984	5 054
Wheat for grain	farms	33	15	–	–	5	6	2	–
	acres	973	1 141	–	–	541	342	(D)	–
	bushels	44 799	37 588	–	–	(D)	11 210	(D)	–
Oats for grain	farms	150	63	47	68	436	77	78	29
	acres	2 492	1 607	1 182	1 218	9 128	1 616	1 384	431
	bushels	176 073	70 613	87 895	85 972	569 231	113 371	92 260	30 812
Soybeans for beans	farms	678	343	773	420	556	753	431	583
	acres	101 882	47 379	186 828	90 667	46 832	162 550	89 667	154 492
	bushels	4 928 949	1 851 706	8 373 468	3 844 415	2 097 700	6 467 355	3 862 387	6 429 191
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	438	477	176	124	884	458	184	119
	acres	13 534	39 231	3 113	3 609	50 154	14 289	3 571	2 163
	tons, dry	38 502	92 896	9 181	8 814	159 400	32 559	8 037	4 745

[1]Data are based on a sample of farms.

Table 2. Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992

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

Item		Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text)	farms, 1997	90 792	792	573	958	797	649	1 210
	1992	96 543	891	643	1 000	827	740	1 325
	$1,000, 1997	11 947 894	82 545	49 642	80 826	28 757	114 110	157 977
	1992	10 099 786	75 248	46 160	89 509	27 455	93 751	151 713
Average per farm	dollars, 1997	131 596	104 223	86 635	84 370	36 082	175 824	130 559
	1992	104 614	84 453	71 788	89 509	33 198	126 691	114 500
1997 value of sales:								
Less than $1,000 (see text)	farms	9 230	53	83	144	103	50	107
	$1,000	906	3	6	7	10	4	15
$1,000 to $2,499	farms	3 961	37	25	33	64	26	63
	$1,000	6 671	60	41	53	112	41	101
$2,500 to $4,999	farms	4 577	52	37	61	82	25	54
	$1,000	16 650	191	137	224	314	97	195
$5,000 to $9,999	farms	5 878	57	48	71	118	34	59
	$1,000	42 406	424	347	526	853	244	416
$10,000 to $19,999	farms	7 383	84	57	83	125	50	109
	$1,000	107 420	1 249	829	1 211	1 816	718	1 560
$20,000 to $24,999	farms	3 124	37	21	30	47	24	30
	$1,000	69 801	824	471	663	1 053	529	675
$25,000 to $39,999	farms	7 366	79	59	85	75	38	97
	$1,000	236 214	2 535	1 857	2 705	2 330	1 270	3 057
$40,000 to $49,999	farms	4 082	34	31	44	33	27	46
	$1,000	182 826	1 563	1 331	1 928	1 455	1 225	2 076
$50,000 to $99,999	farms	13 735	123	75	143	86	117	185
	$1,000	994 678	8 778	5 203	10 758	5 891	8 365	13 379
$100,000 to $249,999	farms	19 119	166	83	180	45	143	279
	$1,000	3 089 575	26 413	12 787	28 549	7 094	24 015	45 704
$250,000 to $499,999	farms	8 404	55	35	69	14	66	132
	$1,000	2 875 675	18 549	11 118	23 416	4 190	22 467	44 556
$500,000 or more	farms	3 933	15	19	15	5	49	49
	$1,000	4 325 072	21 955	15 514	10 786	3 639	55 134	46 242
1992 value of sales:								
Less than $1,000	farms	3 463	20	25	35	67	19	33
	$1,000	989	6	8	10	(D)	7	10
$1,000 to $2,499	farms	4 173	46	28	31	68	24	68
	$1,000	7 047	81	47	56	114	45	120
$2,500 to $4,999	farms	4 753	49	32	50	103	38	51
	$1,000	17 385	180	115	188	378	134	194
$5,000 to $9,999	farms	7 030	84	67	77	145	48	95
	$1,000	51 291	617	492	570	1 067	354	723
$10,000 to $19,999	farms	9 888	95	83	125	118	76	116
	$1,000	145 328	1 340	1 130	1 869	1 648	1 091	1 715
$20,000 to $24,999	farms	3 932	42	37	33	39	28	52
	$1,000	87 705	938	822	741	878	607	1 152
$25,000 to $39,999	farms	9 750	107	97	100	70	67	121
	$1,000	312 715	3 442	3 074	3 191	2 176	2 128	3 903
$40,000 to $49,999	farms	5 102	58	44	51	54	41	86
	$1,000	227 831	2 595	1 946	2 248	2 435	1 878	3 824
$50,000 to $99,999	farms	17 570	141	98	198	103	132	267
	$1,000	1 272 811	10 380	7 006	14 546	6 961	9 516	19 590
$100,000 to $249,999	farms	21 903	196	102	244	46	170	315
	$1,000	3 443 180	31 073	16 514	36 240	6 368	26 314	48 501
$250,000 to $499,999	farms	6 692	40	20	45	13	59	92
	$1,000	2 257 459	13 139	7 123	14 960	4 161	19 652	31 462
$500,000 or more	farms	2 287	13	10	11	1	38	29
	$1,000	2 276 044	11 457	7 884	14 889	(D)	32 026	40 518
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops	farms, 1997	68 415	611	393	563	467	510	952
	1992	75 351	700	475	561	498	598	1 096
	$1,000, 1997	6 187 269	42 808	25 734	21 542	15 469	52 456	102 838
	1992	4 641 155	33 891	20 363	12 063	11 410	39 590	71 575
Grains	farms, 1997	64 058	568	365	509	358	492	897
	1992	71 187	675	446	494	411	577	1 059
	$1,000, 1997	6 011 171	41 345	25 215	18 714	13 729	51 828	101 225
	1992	4 489 827	32 717	19 653	10 079	9 547	38 881	70 323
Corn for grain	farms, 1997	56 466	499	306	447	271	434	817
	1992	63 885	579	395	435	322	517	947
	$1,000, 1997	3 225 141	20 280	12 308	14 022	6 455	24 676	52 597
	1992	2 687 476	19 169	11 419	8 960	5 070	22 373	39 538
Wheat	farms, 1997	699	1	5	3	7	1	3
	1992	913	7	2	5	8	2	4
	$1,000, 1997	2 936	(D)	9	6	19	(D)	(D)
	1992	3 322	11	(D)	9	(D)	(D)	(D)
Soybeans	farms, 1997	56 373	518	335	212	316	464	813
	1992	59 854	580	387	115	335	521	940
	$1,000, 1997	2 765 812	20 945	12 807	4 371	7 236	27 066	48 255
	1992	1 780 675	13 359	8 148	878	4 394	16 252	30 452
Sorghum for grain	farms, 1997	32	–	3	–	–	1	–
	1992	57	1	1	–	–	1	1
	$1,000, 1997	121	–	3	–	–	(D)	–
	1992	424	(D)	(D)	–	–	(D)	(D)
Barley	farms, 1997	76	–	–	8	–	–	1
	1992	80	2	–	3	–	–	–
	$1,000, 1997	178	–	–	18	–	–	(D)
	1992	135	(D)	–	6	–	–	–
Oats	farms, 1997	5 638	57	31	144	12	39	120
	1992	8 437	104	45	136	21	101	155
	$1,000, 1997	11 024	(D)	87	264	19	67	246
	1992	13 396	161	71	211	42	178	235
Other grains	farms, 1997	287	1	–	7	–	1	4
	1992	399	4	–	10	1	3	7
	$1,000, 1997	5 960	(D)	–	32	–	(D)	92
	1992	4 399	(D)	–	15	(D)	56	61

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... farms, 1997	1 002	863	982	1 136	867	1 085	793
1992	1 111	923	1 058	1 193	972	1 146	899
$1,000, 1997	127 892	119 995	101 575	137 169	210 089	131 473	140 244
1992	112 562	102 944	89 215	116 558	157 282	114 274	112 277
Average per farm ..... dollars, 1997	127 636	139 045	103 437	120 747	242 317	121 174	176 853
1992	101 316	111 532	84 325	97 701	161 812	99 715	124 891
1997 value of sales:							
Less than $1,000 (see text) ..... farms	72	57	93	60	31	112	20
$1,000	9	9	18	9	8	10	3
$1,000 to $2,499 ..... farms	54	42	44	49	13	41	28
$1,000	90	66	79	81	22	69	46
$2,500 to $4,999 ..... farms	45	38	46	53	24	58	26
$1,000	164	133	169	198	89	206	97
$5,000 to $9,999 ..... farms	63	79	59	51	15	52	28
$1,000	436	552	432	366	103	374	206
$10,000 to $19,999 ..... farms	99	49	83	111	47	71	65
$1,000	1 479	717	1 271	1 593	685	1 030	957
$20,000 to $24,999 ..... farms	31	28	31	43	14	40	19
$1,000	690	616	695	957	304	897	418
$25,000 to $39,999 ..... farms	79	75	110	110	51	94	56
$1,000	2 487	2 357	3 518	3 555	1 628	2 961	1 749
$40,000 to $49,999 ..... farms	46	41	68	77	39	55	35
$1,000	2 100	1 856	3 044	3 412	1 752	2 454	1 581
$50,000 to $99,999 ..... farms	153	126	152	180	167	189	123
$1,000	10 829	9 164	10 794	12 794	12 492	14 096	8 757
$100,000 to $249,999 ..... farms	208	201	189	240	257	242	217
$1,000	32 645	32 545	30 044	37 214	42 997	38 891	35 350
$250,000 to $499,999 ..... farms	110	89	79	110	120	91	122
$1,000	39 030	31 069	27 153	37 175	43 474	30 947	40 581
$500,000 or more ..... farms	42	38	28	52	89	40	54
$1,000	37 933	40 910	24 357	39 815	106 534	39 538	50 499
1992 value of sales:							
Less than $1,000 ..... farms	42	42	34	30	16	39	7
$1,000	10	18	13	6	6	9	3
$1,000 to $2,499 ..... farms	57	58	52	34	31	56	14
$1,000	96	94	88	57	57	96	24
$2,500 to $4,999 ..... farms	77	47	62	42	19	42	33
$1,000	282	170	220	164	71	153	121
$5,000 to $9,999 ..... farms	67	62	75	73	41	55	51
$1,000	482	462	559	526	288	405	366
$10,000 to $19,999 ..... farms	111	86	107	126	66	101	81
$1,000	1 558	1 269	1 591	1 875	1 004	1 431	1 225
$20,000 to $24,999 ..... farms	58	29	49	55	24	53	31
$1,000	1 283	667	1 098	1 223	531	1 192	697
$25,000 to $39,999 ..... farms	106	91	128	166	90	125	86
$1,000	3 314	2 891	4 124	5 370	2 906	4 028	2 823
$40,000 to $49,999 ..... farms	79	44	54	71	46	58	45
$1,000	3 539	1 945	2 415	3 132	2 075	2 592	1 989
$50,000 to $99,999 ..... farms	188	155	217	218	207	252	176
$1,000	13 361	11 360	15 984	15 778	15 217	18 308	13 270
$100,000 to $249,999 ..... farms	204	206	206	266	294	270	274
$1,000	31 648	32 545	32 504	43 027	46 612	42 438	43 922
$250,000 to $499,999 ..... farms	91	69	64	94	92	72	69
$1,000	31 410	23 967	21 031	32 121	31 609	24 111	22 353
$500,000 or more ..... farms	31	34	10	18	46	23	32
$1,000	25 578	27 555	9 589	13 278	56 906	19 510	25 484
Sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops ..... farms, 1997	837	722	774	908	741	861	714
1992	917	786	856	973	835	912	790
$1,000, 1997	77 230	85 674	55 982	79 095	91 155	73 866	89 346
1992	62 055	66 485	42 121	61 453	65 472	54 659	72 123
Grains ..... farms, 1997	779	666	741	880	729	833	701
1992	866	738	839	943	823	884	783
$1,000, 1997	72 097	83 947	55 212	77 865	90 254	73 222	89 078
1992	58 121	64 017	41 515	60 319	65 092	53 467	71 429
Corn for grain ..... farms, 1997	689	617	670	741	674	744	631
1992	808	690	775	845	764	820	741
$1,000, 1997	38 442	45 960	31 763	44 469	46 315	39 829	46 168
1992	36 365	36 002	27 922	41 436	34 932	33 131	39 511
Wheat ..... farms, 1997	–	2	3	9	–	4	1
1992	4	8	2	2	–	3	2
$1,000, 1997	–	(D)	10	35	–	(D)	(D)
1992	14	35	(D)	(D)	–	(D)	(D)
Soybeans ..... farms, 1997	709	624	646	781	712	766	668
1992	730	666	686	774	789	771	743
$1,000, 1997	33 567	37 731	23 353	33 115	43 802	33 159	42 683
1992	21 522	27 857	13 396	18 647	29 966	20 118	31 726
Sorghum for grain ..... farms, 1997	–	4	–	–	–	–	–
1992	–	1	–	–	–	–	2
$1,000, 1997	–	(D)	–	–	–	–	–
1992	–	(D)	–	–	–	–	(D)
Barley ..... farms, 1997	–	–	–	3	1	–	–
1992	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	(D)	(D)	–	–
1992	–	–	–	–	–	–	–
Oats ..... farms, 1997	48	34	60	105	57	89	34
1992	90	60	122	115	86	145	67
$1,000, 1997	80	106	85	161	106	169	(D)
1992	181	117	138	138	141	197	169
Other grains ..... farms, 1997	4	6	–	7	5	3	3
1992	7	5	4	5	4	2	2
$1,000, 1997	8	117	–	(D)	(D)	(D)	151
1992	40	(D)	(D)	(D)	53	(D)	(D)

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... farms, 1997	1 102	804	965	822	890	926	678
1992	1 197	905	1 099	821	979	1 007	680
$1,000, 1997	221 458	94 100	128 566	120 620	145 854	122 131	38 534
1992	196 002	96 388	117 793	91 286	127 906	100 101	27 874
Average per farm ..... dollars, 1997	200 960	117 040	133 229	146 739	163 881	131 891	56 835
1992	163 745	106 506	107 182	111 189	130 650	99 405	40 991
1997 value of sales:							
Less than $1,000 (see text) ..... farms	34	58	83	86	37	72	113
$1,000	4	5	12	7	1	11	12
$1,000 to $2,499 ..... farms	31	34	49	41	16	38	43
$1,000	50	60	83	65	26	59	73
$2,500 to $4,999 ..... farms	27	39	50	28	28	41	67
$1,000	97	138	184	93	103	157	243
$5,000 to $9,999 ..... farms	42	65	50	56	34	54	76
$1,000	311	503	369	378	258	394	552
$10,000 to $19,999 ..... farms	65	81	50	43	53	98	104
$1,000	1 008	1 177	702	613	771	1 473	1 460
$20,000 to $24,999 ..... farms	37	30	24	23	30	29	36
$1,000	833	663	538	525	669	638	802
$25,000 to $39,999 ..... farms	87	80	81	49	58	76	67
$1,000	2 789	2 646	2 621	1 594	1 823	2 451	2 083
$40,000 to $49,999 ..... farms	58	35	40	32	41	33	23
$1,000	2 597	1 572	1 774	1 423	1 829	1 456	1 027
$50,000 to $99,999 ..... farms	228	111	156	115	182	137	76
$1,000	16 397	8 092	11 184	8 281	13 695	9 774	5 319
$100,000 to $249,999 ..... farms	289	185	225	223	255	228	60
$1,000	47 316	30 223	35 815	35 886	41 840	35 296	9 404
$250,000 to $499,999 ..... farms	119	52	119	86	95	81	8
$1,000	39 860	17 708	40 531	28 474	33 638	27 240	2 396
$500,000 or more ..... farms	85	34	38	40	61	39	5
$1,000	110 196	31 313	34 753	43 279	51 200	43 183	15 163
1992 value of sales:							
Less than $1,000 ..... farms	16	18	40	28	15	37	45
$1,000	7	5	8	9	4	10	10
$1,000 to $2,499 ..... farms	26	30	45	34	27	52	38
$1,000	40	54	72	55	52	85	61
$2,500 to $4,999 ..... farms	28	40	62	27	13	49	75
$1,000	103	132	225	93	50	169	274
$5,000 to $9,999 ..... farms	39	61	53	34	43	85	86
$1,000	296	475	373	241	316	610	610
$10,000 to $19,999 ..... farms	83	104	82	75	87	94	107
$1,000	1 255	1 533	1 253	1 141	1 330	1 375	1 544
$20,000 to $24,999 ..... farms	34	48	45	24	19	33	48
$1,000	750	1 080	982	536	424	733	1 076
$25,000 to $39,999 ..... farms	136	97	91	76	78	116	82
$1,000	4 447	3 200	3 009	2 469	2 505	3 790	2 618
$40,000 to $49,999 ..... farms	81	57	68	44	64	37	36
$1,000	3 660	2 573	3 075	1 947	2 810	1 671	1 612
$50,000 to $99,999 ..... farms	249	179	215	162	209	202	94
$1,000	18 205	13 058	15 907	11 863	15 272	14 630	6 515
$100,000 to $249,999 ..... farms	337	180	288	240	301	221	56
$1,000	52 673	28 470	46 681	38 521	47 592	33 508	8 048
$250,000 to $499,999 ..... farms	114	67	92	60	83	58	10
$1,000	38 269	22 547	29 895	20 736	27 515	19 560	3 448
$500,000 or more ..... farms	54	24	18	17	40	23	3
$1,000	76 297	23 262	16 314	13 676	30 038	23 959	2 058
Sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops ..... farms, 1997	938	626	749	657	748	736	391
1992	1 019	744	882	710	842	813	435
$1,000, 1997	77 727	53 031	79 561	81 377	71 278	56 857	13 022
1992	61 564	45 743	59 385	62 052	56 332	40 961	10 484
Grains ..... farms, 1997	917	608	706	617	739	698	334
1992	995	730	850	684	829	766	370
$1,000, 1997	76 550	52 283	77 228	76 302	70 568	56 015	11 940
1992	59 089	44 913	58 100	59 757	55 444	40 237	9 631
Corn for grain ..... farms, 1997	811	531	648	550	650	605	234
1992	855	662	776	655	756	705	277
$1,000, 1997	38 531	27 558	41 561	43 192	33 271	30 349	5 419
1992	32 258	26 835	38 100	38 220	30 134	25 847	5 570
Wheat ..... farms, 1997	3	3	13	1	4	3	6
1992	2	6	10	1	2	7	2
$1,000, 1997	(D)	(D)	(D)	(D)	(D)	6	13
1992	(D)	16	(D)	(D)	(D)	22	(D)
Soybeans ..... farms, 1997	861	562	640	579	695	626	275
1992	931	652	746	609	784	625	300
$1,000, 1997	37 691	24 537	35 458	33 018	37 158	25 546	6 467
1992	26 458	17 953	19 812	21 381	25 131	14 157	4 020
Sorghum for grain ..... farms, 1997	1	–	–	–	–	–	–
1992	–	–	–	1	1	–	1
$1,000, 1997	(D)	–	–	–	–	–	–
1992	–	–	–	(D)	(D)	–	(D)
Barley ..... farms, 1997	–	–	1	–	–	2	–
1992	–	2	–	–	–	1	–
$1,000, 1997	–	–	(D)	–	–	(D)	–
1992	–	(D)	–	–	–	(D)	–
Oats ..... farms, 1997	94	40	91	43	49	57	19
1992	199	68	121	62	80	139	31
$1,000, 1997	165	(D)	163	(D)	76	101	41
1992	340	89	159	118	125	196	37
Other grains ..... farms, 1997	1	3	–	1	3	2	–
1992	2	3	3	3	5	9	–
$1,000, 1997	(D)	117	–	(D)	(D)	(D)	–
1992	(D)	(D)	(D)	(D)	33	(D)	–

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... farms, 1997	668	1 638	1 268	1 107	918	884	730
1992	770	1 617	1 362	1 260	944	892	648
$1,000, 1997	120 624	171 442	148 387	143 011	117 622	55 850	54 349
1992	105 076	155 641	135 458	124 295	87 356	40 022	41 090
Average per farm ..... dollars, 1997	180 574	104 665	117 025	129 188	128 128	63 178	74 450
1992	136 462	96 253	99 455	98 647	92 538	44 868	63 410
1997 value of sales:							
Less than $1,000 (see text) ..... farms	41	226	120	72	117	128	145
$1,000	4	19	14	8	13	9	17
$1,000 to $2,499 ..... farms	22	70	56	44	55	63	39
$1,000	38	118	91	76	88	106	67
$2,500 to $4,999 ..... farms	27	59	65	53	74	86	75
$1,000	101	216	237	194	270	332	270
$5,000 to $9,999 ..... farms	28	123	78	83	65	103	88
$1,000	209	881	537	588	478	755	630
$10,000 to $19,999 ..... farms	36	143	113	86	93	126	108
$1,000	527	2 075	1 754	1 305	1 316	1 763	1 600
$20,000 to $24,999 ..... farms	17	47	31	39	49	46	41
$1,000	384	1 045	702	882	1 099	1 032	928
$25,000 to $39,999 ..... farms	56	148	89	93	61	98	48
$1,000	1 826	4 727	2 881	3 002	1 913	3 218	1 534
$40,000 to $49,999 ..... farms	39	60	62	44	21	27	30
$1,000	1 737	2 718	2 786	1 981	935	1 188	1 342
$50,000 to $99,999 ..... farms	97	230	218	205	112	103	73
$1,000	7 183	16 904	15 657	14 773	8 208	7 416	5 000
$100,000 to $249,999 ..... farms	188	356	284	228	153	69	56
$1,000	31 221	58 225	45 787	36 912	25 031	10 609	8 890
$250,000 to $499,999 ..... farms	73	129	112	108	85	26	17
$1,000	25 617	42 543	38 819	35 733	29 261	8 952	5 598
$500,000 or more ..... farms	44	47	40	52	33	9	10
$1,000	51 776	41 972	39 124	47 558	49 009	20 469	28 474
1992 value of sales:							
Less than $1,000 ..... farms	12	61	54	41	56	63	62
$1,000	5	11	19	14	16	18	12
$1,000 to $2,499 ..... farms	26	75	47	44	75	66	47
$1,000	42	126	79	80	123	122	85
$2,500 to $4,999 ..... farms	21	81	50	57	79	77	54
$1,000	73	299	181	215	284	282	201
$5,000 to $9,999 ..... farms	31	101	75	93	99	143	70
$1,000	240	740	552	694	706	1 060	514
$10,000 to $19,999 ..... farms	69	162	141	136	84	135	118
$1,000	1 021	2 325	2 058	1 990	1 220	1 984	1 679
$20,000 to $24,999 ..... farms	27	59	65	52	37	34	29
$1,000	603	1 311	1 468	1 156	839	764	641
$25,000 to $39,999 ..... farms	83	127	138	161	91	108	77
$1,000	2 672	4 092	4 483	5 102	2 914	3 400	2 392
$40,000 to $49,999 ..... farms	40	75	88	54	47	40	27
$1,000	1 763	3 340	3 949	2 421	2 110	1 794	1 213
$50,000 to $99,999 ..... farms	148	313	262	226	122	120	73
$1,000	10 996	22 943	18 735	15 908	8 805	8 215	4 855
$100,000 to $249,999 ..... farms	213	431	320	285	179	78	66
$1,000	33 197	66 784	49 034	43 982	28 806	11 803	9 586
$250,000 to $499,999 ..... farms	74	105	88	80	50	24	18
$1,000	24 369	33 433	29 873	27 219	15 511	7 926	5 811
$500,000 or more ..... farms	26	27	34	31	25	4	7
$1,000	30 095	20 237	25 027	25 513	26 022	2 655	14 101
Sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops ..... farms, 1997	566	1 073	960	854	693	483	372
1992	682	1 041	1 062	989	767	536	376
$1,000, 1997	68 133	53 793	85 870	80 613	77 397	18 511	14 385
1992	55 522	33 574	58 690	56 724	58 141	13 879	9 105
Grains ..... farms, 1997	549	965	916	810	619	407	294
1992	658	921	1 015	957	704	443	293
$1,000, 1997	67 151	50 328	84 746	79 378	73 033	17 287	12 762
1992	54 893	30 914	56 750	55 744	56 404	12 838	7 988
Corn for grain ..... farms, 1997	492	880	847	726	541	273	209
1992	612	869	940	862	637	327	210
$1,000, 1997	33 259	36 568	51 817	39 257	39 431	7 600	5 410
1992	28 986	26 632	38 158	32 886	33 347	7 058	4 306
Wheat ..... farms, 1997	1	7	6	4	4	16	6
1992	1	11	10	7	8	31	1
$1,000, 1997	(D)	42	(D)	(D)	17	(D)	23
1992	(D)	20	27	(D)	34	100	(D)
Soybeans ..... farms, 1997	532	409	745	742	580	343	244
1992	623	209	795	834	608	330	235
$1,000, 1997	33 786	13 203	32 762	39 614	33 506	9 581	7 263
1992	25 804	3 852	18 424	21 981	22 953	5 630	3 667
Sorghum for grain ..... farms, 1997	–	1	–	1	–	–	–
1992	–	–	–	1	–	2	–
$1,000, 1997	–	(D)	–	(D)	–	–	–
1992	–	–	–	(D)	–	(D)	–
Barley ..... farms, 1997	–	6	–	–	–	–	–
1992	–	8	2	–	–	–	–
$1,000, 1997	–	(D)	–	–	–	–	–
1992	–	13	(D)	–	–	–	–
Oats ..... farms, 1997	28	248	109	67	24	31	17
1992	30	243	140	191	41	26	5
$1,000, 1997	(D)	484	150	110	79	48	33
1992	62	378	125	360	70	30	(D)
Other grains ..... farms, 1997	1	–	2	13	–	3	4
1992	2	9	8	20	–	4	1
$1,000, 1997	(D)	–	(D)	374	–	(D)	32
1992	(D)	20	(D)	496	–	(D)	(D)

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms, 1997	1 278	650	512	1 579	519	1 295	850	856
1992	1 367	681	554	1 653	557	1 416	882	929
$1,000, 1997	195 918	69 769	72 854	171 651	91 349	181 137	113 534	180 192
1992	178 922	51 482	71 649	184 886	64 882	151 654	92 274	118 120
Average per farm ..... dollars, 1997	153 300	107 337	142 294	108 709	176 009	139 874	133 569	210 504
1992	130 886	75 598	129 331	111 849	116 485	107 100	104 619	127 148
1997 value of sales:								
Less than $1,000 (see text) ..... farms	72	66	60	168	67	123	86	59
$1,000	4	11	2	13	2	9	6	5
$1,000 to $2,499 ..... farms	43	43	24	54	10	37	36	20
$1,000	74	70	40	87	14	60	65	34
$2,500 to $4,999 ..... farms	44	51	20	61	13	43	37	32
$1,000	155	193	68	225	52	156	132	113
$5,000 to $9,999 ..... farms	49	56	26	96	21	75	34	24
$1,000	362	413	174	699	155	542	254	170
$10,000 to $19,999 ..... farms	60	57	26	127	34	90	51	36
$1,000	863	864	390	1 879	466	1 349	748	567
$20,000 to $24,999 ..... farms	32	18	10	56	8	49	36	29
$1,000	716	412	218	1 266	181	1 091	813	662
$25,000 to $39,999 ..... farms	104	61	40	141	30	107	73	74
$1,000	3 375	1 888	1 294	4 493	1 041	3 493	2 348	2 420
$40,000 to $49,999 ..... farms	48	23	21	72	16	44	44	31
$1,000	2 148	1 029	933	3 206	704	1 996	1 981	1 404
$50,000 to $99,999 ..... farms	191	88	89	257	70	212	124	156
$1,000	13 716	6 267	6 403	18 679	5 139	15 650	8 851	11 424
$100,000 to $249,999 ..... farms	398	120	120	364	144	327	205	227
$1,000	64 246	19 584	18 826	57 926	23 691	52 979	33 489	36 889
$250,000 to $499,999 ..... farms	173	50	55	126	74	124	81	112
$1,000	58 667	16 984	19 753	43 385	24 646	43 585	26 901	36 626
$500,000 or more ..... farms	64	17	21	57	32	64	43	56
$1,000	51 592	22 056	24 755	39 793	35 258	60 227	37 946	89 877
1992 value of sales:								
Less than $1,000 ..... farms	27	38	16	57	15	35	25	19
$1,000	9	18	6	19	3	7	3	6
$1,000 to $2,499 ..... farms	40	37	23	54	23	41	34	17
$1,000	68	59	40	93	35	67	62	27
$2,500 to $4,999 ..... farms	32	52	26	67	17	53	48	33
$1,000	108	196	101	236	57	205	184	116
$5,000 to $9,999 ..... farms	63	70	33	99	29	74	45	33
$1,000	446	488	232	698	212	538	315	232
$10,000 to $19,999 ..... farms	78	69	50	141	41	145	95	63
$1,000	1 173	1 045	738	2 063	605	2 060	1 447	972
$20,000 to $24,999 ..... farms	34	32	12	56	12	58	43	43
$1,000	771	729	272	1 246	271	1 300	983	966
$25,000 to $39,999 ..... farms	120	80	60	143	57	140	87	81
$1,000	3 887	2 557	1 901	4 654	1 799	4 553	2 852	2 620
$40,000 to $49,999 ..... farms	71	38	25	65	33	72	51	57
$1,000	3 202	1 709	1 129	2 898	1 442	3 182	2 250	2 553
$50,000 to $99,999 ..... farms	246	103	119	329	117	270	153	200
$1,000	17 786	7 287	8 590	24 538	8 507	19 042	10 807	14 716
$100,000 to $249,999 ..... farms	469	113	128	481	152	401	217	268
$1,000	76 384	16 858	19 242	76 575	24 128	62 456	33 761	43 059
$250,000 to $499,999 ..... farms	151	39	42	126	46	93	65	91
$1,000	48 978	12 587	14 551	42 893	14 871	31 624	22 591	29 759
$500,000 or more ..... farms	36	10	20	35	15	34	19	24
$1,000	26 110	7 949	24 847	28 973	12 952	26 620	17 019	23 096
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms, 1997	934	516	409	862	411	992	685	734
1992	907	563	460	854	480	1 088	726	800
$1,000, 1997	51 558	43 430	41 611	30 911	53 898	76 809	77 024	86 533
1992	32 855	33 616	33 390	17 718	41 845	54 548	54 941	68 211
Grains ..... farms, 1997	896	471	385	764	402	948	654	713
1992	849	517	436	693	464	1 049	697	785
$1,000, 1997	49 592	42 480	40 650	26 719	53 574	75 223	72 764	85 659
1992	31 316	32 672	32 283	13 759	41 554	53 066	50 567	67 418
Corn for grain ..... farms, 1997	765	405	342	690	378	865	592	672
1992	741	466	386	613	450	970	646	754
$1,000, 1997	30 318	22 712	20 470	20 186	29 646	44 403	40 510	48 549
1992	24 212	18 918	17 227	12 196	23 823	36 847	30 812	41 775
Wheat ..... farms, 1997	6	31	–	5	1	4	3	3
1992	5	40	6	16	–	2	–	3
$1,000, 1997	23	94	–	8	(D)	10	13	(D)
1992	19	152	(D)	37	–	(D)	–	(D)
Soybeans ..... farms, 1997	633	416	366	265	381	756	604	666
1992	468	454	409	130	435	707	637	730
$1,000, 1997	18 999	19 607	20 144	6 186	23 903	30 543	32 074	36 993
1992	6 783	13 577	14 954	1 264	17 704	15 873	19 632	25 537
Sorghum for grain ..... farms, 1997	–	–	–	–	–	1	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	(D)	–	–
1992	–	–	–	–	–	–	–	–
Barley ..... farms, 1997	3	–	–	6	–	4	–	–
1992	4	–	–	12	–	2	–	–
$1,000, 1997	(D)	–	–	10	–	(D)	–	–
1992	4	–	–	28	–	(D)	–	–
Oats ..... farms, 1997	131	21	18	159	17	136	60	31
1992	158	26	35	166	21	200	88	61
$1,000, 1997	236	(D)	(D)	300	(D)	228	(D)	53
1992	272	25	77	223	(D)	314	124	(D)
Other grains ..... farms, 1997	2	3	1	7	–	7	1	1
1992	17	–	1	8	1	15	–	–
$1,000, 1997	(D)	(D)	(D)	28	–	22	(D)	(D)
1992	27	–	(D)	12	(D)	25	–	–

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms, 1997	568	763	754	847	790	849	857	876
1992	596	851	853	946	873	939	986	919
$1,000, 1997	88 185	122 235	149 118	95 779	227 219	140 661	201 877	112 981
1992	82 603	104 736	128 227	84 268	142 414	108 638	143 724	100 625
Average per farm ..... dollars, 1997	155 256	160 203	197 769	113 080	287 619	165 679	235 563	128 974
1992	138 596	123 074	150 325	89 078	163 131	115 695	145 764	109 494
1997 value of sales:								
Less than $1,000 (see text) ..... farms	51	38	28	107	34	47	42	88
$1,000	5	7	4	10	5	2	5	9
$1,000 to $2,499 ..... farms	17	28	23	38	23	28	30	36
$1,000	30	50	37	67	37	48	49	71
$2,500 to $4,999 ..... farms	21	25	25	51	29	23	37	33
$1,000	72	97	89	185	105	89	137	122
$5,000 to $9,999 ..... farms	33	36	27	88	25	35	41	46
$1,000	254	264	193	633	183	257	286	348
$10,000 to $19,999 ..... farms	38	46	34	97	47	33	65	67
$1,000	542	675	490	1 437	689	456	941	946
$20,000 to $24,999 ..... farms	17	24	17	27	18	34	34	24
$1,000	386	539	393	611	403	764	757	522
$25,000 to $39,999 ..... farms	42	50	49	78	61	61	62	80
$1,000	1 288	1 628	1 518	2 498	1 985	2 000	1 982	2 554
$40,000 to $49,999 ..... farms	26	42	30	41	42	39	19	32
$1,000	1 150	1 894	1 373	1 841	1 845	1 759	841	1 439
$50,000 to $99,999 ..... farms	83	94	133	109	118	155	146	150
$1,000	5 894	6 835	9 504	7 636	8 708	11 080	10 784	11 274
$100,000 to $249,999 ..... farms	141	240	234	140	211	237	208	202
$1,000	23 129	38 497	38 702	22 791	34 169	39 409	33 543	32 377
$250,000 to $499,999 ..... farms	77	99	95	53	98	115	105	78
$1,000	26 052	34 172	32 904	18 070	33 913	39 955	36 254	26 814
$500,000 or more ..... farms	22	41	59	18	84	42	68	40
$1,000	29 383	37 578	63 911	40 000	145 178	44 842	116 298	36 505
1992 value of sales:								
Less than $1,000 ..... farms	14	12	13	55	18	12	26	24
$1,000	3	3	4	13	4	5	9	5
$1,000 to $2,499 ..... farms	14	39	26	39	29	29	43	47
$1,000	25	65	46	65	47	49	76	89
$2,500 to $4,999 ..... farms	30	31	29	42	26	17	32	36
$1,000	103	116	103	154	82	60	118	132
$5,000 to $9,999 ..... farms	36	45	25	82	29	39	46	65
$1,000	271	303	186	603	217	289	339	468
$10,000 to $19,999 ..... farms	59	57	59	127	57	73	88	78
$1,000	871	881	927	1 895	830	1 125	1 316	1 121
$20,000 to $24,999 ..... farms	24	30	27	63	32	26	39	43
$1,000	551	660	590	1 428	714	583	883	991
$25,000 to $39,999 ..... farms	56	88	75	107	97	102	113	84
$1,000	1 887	2 800	2 483	3 374	3 158	3 317	3 624	2 683
$40,000 to $49,999 ..... farms	35	39	47	50	39	58	41	46
$1,000	1 560	1 743	2 130	2 225	1 753	2 564	1 795	2 014
$50,000 to $99,999 ..... farms	110	158	176	155	171	211	163	167
$1,000	7 912	11 361	12 649	10 644	12 546	15 352	11 732	12 341
$100,000 to $249,999 ..... farms	135	244	265	169	258	275	247	238
$1,000	22 065	39 075	42 603	26 644	40 806	43 780	40 071	37 464
$250,000 to $499,999 ..... farms	67	88	77	43	64	81	105	66
$1,000	23 085	31 206	26 680	14 630	22 034	26 442	34 582	22 967
$500,000 or more ..... farms	16	20	34	14	53	16	43	25
$1,000	24 269	16 523	39 825	22 593	60 223	15 072	49 177	20 349
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms, 1997	475	658	649	591	689	725	710	702
1992	509	744	729	694	763	819	832	777
$1,000, 1997	65 557	87 178	91 766	44 387	95 930	86 120	86 881	81 701
1992	54 352	75 690	70 921	41 196	71 877	62 657	68 986	68 431
Grains ..... farms, 1997	457	641	633	558	665	713	681	673
1992	496	733	719	662	747	808	801	743
$1,000, 1997	62 658	86 667	91 270	43 777	95 535	85 635	85 307	80 499
1992	53 252	74 941	70 431	40 312	71 576	61 929	67 630	67 249
Corn for grain ..... farms, 1997	404	599	578	482	619	671	626	613
1992	455	699	669	598	705	774	764	690
$1,000, 1997	32 815	45 835	49 451	22 636	53 357	49 917	47 522	42 997
1992	30 035	41 485	41 906	23 959	41 249	38 725	42 727	40 670
Wheat ..... farms, 1997	14	1	4	3	–	–	–	12
1992	18	4	2	3	–	3	–	18
$1,000, 1997	47	(D)	20	(D)	–	–	–	56
1992	125	(D)	(D)	(D)	–	(D)	–	57
Soybeans ..... farms, 1997	435	614	604	508	625	680	636	619
1992	466	697	678	584	695	742	712	672
$1,000, 1997	29 723	40 742	41 672	21 027	42 125	35 654	37 735	36 941
1992	22 775	33 349	28 381	16 170	30 291	23 090	24 828	26 007
Sorghum for grain ..... farms, 1997	–	–	1	–	2	–	–	1
1992	4	–	–	–	–	–	–	–
$1,000, 1997	–	–	(D)	–	(D)	–	–	(D)
1992	13	–	–	–	–	–	–	–
Barley ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	2	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	(D)	–
Oats ..... farms, 1997	5	28	42	60	25	41	26	15
1992	6	57	91	93	36	76	53	27
$1,000, 1997	(D)	44	101	100	(D)	(D)	(D)	(D)
1992	17	95	(D)	149	(D)	102	72	45
Other grains ..... farms, 1997	3	4	3	2	–	1	1	15
1992	5	1	–	2	1	2	1	20
$1,000, 1997	(D)	(D)	(D)	(D)	–	(D)	(D)	475
1992	289	(D)	–	(D)	(D)	(D)	(D)	471

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms, 1997	835	862	600	637	976	1 280	1 204	765
1992	795	881	677	729	977	1 326	1 309	740
$1,000, 1997	77 086	95 130	100 520	95 685	104 865	96 659	153 843	57 520
1992	65 017	73 822	91 258	88 403	95 539	103 597	135 428	52 919
Average per farm ..... dollars, 1997	92 319	110 359	167 533	150 212	107 443	75 515	127 776	75 190
1992	81 783	83 794	134 798	121 266	97 788	78 127	103 459	71 511
1997 value of sales:								
Less than $1,000 (see text) ..... farms	137	113	15	32	172	172	110	159
$1,000	12	8	(D)	3	13	13	14	13
$1,000 to $2,499 ..... farms	33	17	17	22	36	49	66	37
$1,000	55	28	(D)	38	60	80	114	63
$2,500 to $4,999 ..... farms	65	43	14	26	49	80	69	52
$1,000	226	151	48	94	171	287	254	199
$5,000 to $9,999 ..... farms	70	38	18	25	64	131	76	61
$1,000	505	290	130	190	450	956	531	447
$10,000 to $19,999 ..... farms	60	65	28	28	81	156	87	93
$1,000	873	940	408	433	1 183	2 294	1 242	1 280
$20,000 to $24,999 ..... farms	29	19	12	12	34	52	41	27
$1,000	647	418	265	260	763	1 172	934	601
$25,000 to $39,999 ..... farms	75	92	46	64	62	121	81	67
$1,000	2 458	2 877	1 473	2 026	2 028	3 877	2 630	2 182
$40,000 to $49,999 ..... farms	37	50	34	33	50	60	48	31
$1,000	1 669	2 243	1 540	1 474	2 268	2 721	2 153	1 380
$50,000 to $99,999 ..... farms	110	149	111	120	153	169	190	79
$1,000	7 979	11 003	7 913	8 716	11 280	12 357	13 184	5 767
$100,000 to $249,999 ..... farms	132	186	179	158	165	201	269	92
$1,000	21 881	28 958	28 936	24 876	27 142	30 973	43 780	15 191
$250,000 to $499,999 ..... farms	58	58	99	79	78	67	128	47
$1,000	19 536	18 472	34 219	27 579	26 955	23 471	43 751	15 601
$500,000 or more ..... farms	29	32	27	38	32	22	39	20
$1,000	21 244	29 743	25 561	29 997	32 552	18 456	45 257	14 795
1992 value of sales:								
Less than $1,000 ..... farms	51	27	5	8	44	57	57	47
$1,000	20	5	3	5	12	12	13	13
$1,000 to $2,499 ..... farms	48	24	14	10	48	52	80	46
$1,000	85	40	23	16	81	92	132	77
$2,500 to $4,999 ..... farms	50	46	11	18	38	83	56	60
$1,000	174	172	40	61	137	303	203	220
$5,000 to $9,999 ..... farms	77	69	32	35	87	137	103	82
$1,000	543	500	254	241	632	978	760	588
$10,000 to $19,999 ..... farms	96	93	45	51	125	169	128	98
$1,000	1 372	1 447	683	792	1 797	2 506	1 944	1 410
$20,000 to $24,999 ..... farms	27	56	21	33	51	59	48	25
$1,000	599	1 260	465	743	1 126	1 301	1 078	550
$25,000 to $39,999 ..... farms	71	99	54	74	102	144	119	83
$1,000	2 225	3 171	1 862	2 443	3 244	4 619	3 833	2 634
$40,000 to $49,999 ..... farms	40	51	44	41	48	80	68	33
$1,000	1 794	2 265	1 975	1 853	2 149	3 569	2 998	1 452
$50,000 to $99,999 ..... farms	135	169	142	179	168	232	222	119
$1,000	9 792	12 320	10 508	12 894	12 084	16 337	15 984	8 823
$100,000 to $249,999 ..... farms	138	199	211	185	180	243	291	102
$1,000	22 054	29 757	33 853	27 998	29 367	36 976	46 778	16 004
$250,000 to $499,999 ..... farms	49	32	82	77	68	53	108	33
$1,000	16 898	11 207	27 423	26 241	22 701	17 689	35 866	11 227
$500,000 or more ..... farms	13	16	16	18	18	17	29	12
$1,000	9 461	11 679	14 169	15 115	22 209	19 215	25 839	9 922
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms, 1997	586	649	536	513	672	738	933	503
1992	612	677	607	622	757	717	1 041	566
$1,000, 1997	46 295	54 982	72 531	55 293	53 525	26 767	89 164	35 033
1992	34 462	32 918	60 690	43 658	39 128	14 714	61 496	26 541
Grains ..... farms, 1997	547	623	522	499	633	663	873	453
1992	574	653	597	603	717	600	985	501
$1,000, 1997	45 479	52 989	72 223	54 354	52 281	24 489	87 292	34 117
1992	33 983	31 781	60 296	42 767	38 035	13 039	59 623	25 401
Corn for grain ..... farms, 1997	468	536	500	462	557	598	791	361
1992	501	587	565	538	631	535	869	415
$1,000, 1997	24 127	27 048	39 400	28 316	29 617	18 437	46 316	16 880
1992	20 664	19 507	34 033	25 056	27 509	10 757	35 775	14 339
Wheat ..... farms, 1997	14	4	–	–	7	12	1	30
1992	20	3	1	7	7	20	5	45
$1,000, 1997	97	(D)	–	–	67	44	(D)	109
1992	137	(D)	(D)	14	10	88	14	153
Soybeans ..... farms, 1997	483	557	498	466	573	271	790	401
1992	481	544	572	561	575	193	845	438
$1,000, 1997	21 194	25 741	32 775	25 843	22 378	5 625	40 752	17 019
1992	13 105	12 100	26 177	17 437	10 210	1 982	23 532	10 827
Sorghum for grain ..... farms, 1997	–	1	–	1	1	–	–	–
1992	1	2	2	–	2	–	–	–
$1,000, 1997	–	(D)	–	(D)	(D)	–	–	–
1992	(D)	(D)	(D)	–	(D)	–	–	–
Barley ..... farms, 1997	–	–	–	6	–	3	–	–
1992	2	2	–	6	–	1	–	–
$1,000, 1997	–	–	–	(D)	–	4	–	–
1992	(D)	(D)	–	13	–	(D)	–	–
Oats ..... farms, 1997	39	62	20	33	95	173	99	45
1992	35	101	39	103	126	145	182	54
$1,000, 1997	62	117	(D)	56	217	371	(D)	(D)
1992	45	121	57	179	214	204	294	(D)
Other grains ..... farms, 1997	–	3	1	1	3	5	–	1
1992	1	3	5	6	1	3	3	1
$1,000, 1997	–	42	(D)	(D)	(D)	8	–	(D)
1992	(D)	(D)	22	69	(D)	(D)	7	(D)

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms, 1997	1 261	1 029	968	1 404	861	1 480	593	706
1992	1 242	1 112	952	1 592	872	1 529	554	630
$1,000, 1997	100 391	136 937	96 734	242 775	77 358	113 460	81 296	29 371
1992	99 531	128 284	83 181	190 116	73 550	102 380	46 151	25 372
Average per farm ..... dollars, 1997	79 613	133 077	99 932	172 917	89 847	76 662	137 093	41 602
1992	80 138	115 363	87 375	119 420	84 347	66 959	83 306	40 273
1997 value of sales:								
Less than $1,000 (see text) ..... farms	201	90	175	46	139	223	90	122
$1,000	24	7	9	6	8	27	9	11
$1,000 to $2,499 ..... farms	77	47	39	29	55	109	36	50
$1,000	130	81	73	53	93	181	59	84
$2,500 to $4,999 ..... farms	82	44	61	14	68	122	28	79
$1,000	286	164	228	55	240	436	102	289
$5,000 to $9,999 ..... farms	94	58	62	35	80	129	35	93
$1,000	678	407	431	253	573	909	247	673
$10,000 to $19,999 ..... farms	117	72	100	72	80	149	35	77
$1,000	1 671	1 021	1 419	1 055	1 110	2 165	530	1 022
$20,000 to $24,999 ..... farms	41	40	26	40	40	51	16	39
$1,000	931	889	579	900	885	1 134	345	875
$25,000 to $39,999 ..... farms	101	89	73	91	67	126	42	74
$1,000	3 203	2 844	2 362	2 953	2 087	4 039	1 395	2 325
$40,000 to $49,999 ..... farms	57	50	31	88	37	73	34	28
$1,000	2 604	2 241	1 387	3 940	1 700	3 252	1 474	1 269
$50,000 to $99,999 ..... farms	188	171	129	263	80	190	91	71
$1,000	13 536	12 118	9 534	19 116	5 568	14 000	6 655	5 154
$100,000 to $249,999 ..... farms	194	209	163	460	127	195	111	48
$1,000	30 812	34 440	25 931	74 176	21 209	30 805	17 652	7 192
$250,000 to $499,999 ..... farms	81	109	76	182	61	85	53	20
$1,000	27 770	37 900	26 375	61 420	20 472	30 158	17 380	6 904
$500,000 or more ..... farms	28	50	33	84	27	28	22	5
$1,000	18 747	44 824	28 406	78 847	23 411	26 353	35 449	3 572
1992 value of sales:								
Less than $1,000 ..... farms	61	53	47	21	48	91	28	51
$1,000	19	14	12	5	14	30	8	11
$1,000 to $2,499 ..... farms	72	28	52	20	59	106	21	35
$1,000	121	45	91	32	99	172	34	57
$2,500 to $4,999 ..... farms	87	53	43	26	72	128	21	75
$1,000	315	198	147	97	255	468	74	285
$5,000 to $9,999 ..... farms	122	65	88	41	97	181	47	107
$1,000	904	481	643	303	711	1 295	337	779
$10,000 to $19,999 ..... farms	127	113	108	125	97	191	54	116
$1,000	1 870	1 720	1 552	1 882	1 472	2 810	770	1 663
$20,000 to $24,999 ..... farms	61	50	49	52	42	73	27	29
$1,000	1 346	1 121	1 093	1 150	932	1 636	596	645
$25,000 to $39,999 ..... farms	119	123	98	170	99	160	55	54
$1,000	3 785	3 949	3 180	5 530	3 221	5 065	1 732	1 757
$40,000 to $49,999 ..... farms	68	57	39	77	34	93	28	17
$1,000	3 041	2 578	1 766	3 442	1 523	4 160	1 238	771
$50,000 to $99,999 ..... farms	214	195	163	416	115	202	111	73
$1,000	15 453	14 323	11 690	30 837	8 378	14 611	7 989	5 282
$100,000 to $249,999 ..... farms	228	255	192	478	132	226	126	58
$1,000	35 438	41 144	30 337	73 126	20 483	35 109	19 241	8 927
$250,000 to $499,999 ..... farms	65	84	57	130	55	69	30	15
$1,000	21 980	29 393	20 377	43 834	19 699	22 924	9 747	5 195
$500,000 or more ..... farms	18	36	16	36	22	9	6	–
$1,000	15 259	33 317	12 293	29 877	16 764	14 100	4 383	–
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms, 1997	880	750	656	1 256	582	1 068	444	386
1992	915	776	712	1 455	687	1 170	473	366
$1,000, 1997	50 828	60 615	51 130	152 745	41 883	75 062	42 389	13 527
1992	34 857	36 581	34 156	121 738	31 810	53 214	30 840	8 519
Grains ..... farms, 1997	771	700	636	1 238	523	934	411	301
1992	812	728	687	1 442	633	1 033	451	298
$1,000, 1997	48 076	58 785	50 378	151 931	38 753	69 921	41 195	12 258
1992	32 974	35 227	33 426	120 560	29 487	49 230	30 020	7 981
Corn for grain ..... farms, 1997	632	636	531	1 170	453	821	362	226
1992	649	656	593	1 391	514	900	411	234
$1,000, 1997	26 024	36 812	26 564	87 040	19 120	38 657	22 214	6 077
1992	20 500	24 756	20 164	72 897	16 257	29 719	17 997	4 506
Wheat ..... farms, 1997	24	1	12	–	89	9	20	4
1992	18	6	28	1	130	6	16	6
$1,000, 1997	183	(D)	41	–	326	(D)	39	27
1992	114	21	105	(D)	359	15	80	(D)
Soybeans ..... farms, 1997	629	553	550	1 172	457	789	372	242
1992	631	512	589	1 329	537	815	395	232
$1,000, 1997	21 627	21 794	23 672	64 718	19 276	30 912	18 892	6 067
1992	12 127	10 204	13 044	47 375	12 834	19 192	11 919	3 401
Sorghum for grain ..... farms, 1997	6	–	–	–	–	–	–	–
1992	1	–	1	3	1	1	–	–
$1,000, 1997	9	–	–	–	–	–	–	–
1992	(D)	–	(D)	(D)	(D)	(D)	–	–
Barley ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Oats ..... farms, 1997	119	84	46	83	30	130	19	29
1992	135	142	41	150	27	169	14	23
$1,000, 1997	224	(D)	100	119	30	277	32	88
1992	224	233	55	188	26	296	14	64
Other grains ..... farms, 1997	6	1	–	5	–	4	8	–
1992	7	4	2	9	4	4	4	2
$1,000, 1997	11	(D)	–	53	–	(D)	18	–
1992	(D)	14	(D)	38	(D)	(D)	10	(D)

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms, 1997	1 149	986	1 022	971	912	496	824	697
1992	1 194	1 026	1 075	996	949	563	825	822
$1,000, 1997	198 795	73 550	156 722	73 114	117 640	59 190	160 571	100 554
1992	173 419	69 453	115 975	65 241	101 491	64 817	106 680	99 592
Average per farm ..... dollars, 1997	173 016	74 594	153 348	75 298	128 992	119 334	194 868	144 267
1992	145 242	67 693	107 884	65 503	106 946	115 128	129 309	121 159
1997 value of sales:								
Less than $1,000 (see text) ..... farms	48	133	143	191	105	36	50	53
$1,000	4	17	8	16	10	3	9	3
$1,000 to $2,499 ..... farms	35	73	24	66	38	26	27	16
$1,000	57	125	42	108	65	44	44	26
$2,500 to $4,999 ..... farms	33	84	48	66	56	31	39	18
$1,000	116	302	170	238	209	114	139	68
$5,000 to $9,999 ..... farms	42	130	73	103	57	30	33	49
$1,000	318	943	514	754	423	221	235	352
$10,000 to $19,999 ..... farms	56	119	82	110	66	30	41	61
$1,000	833	1 725	1 227	1 618	995	467	596	894
$20,000 to $24,999 ..... farms	52	44	41	35	21	10	20	20
$1,000	1 171	982	916	771	480	224	441	445
$25,000 to $39,999 ..... farms	98	92	65	63	74	39	72	61
$1,000	3 122	2 830	2 039	2 022	2 327	1 224	2 341	2 036
$40,000 to $49,999 ..... farms	70	35	51	28	41	25	44	28
$1,000	3 105	1 557	2 335	1 274	1 851	1 109	1 919	1 243
$50,000 to $99,999 ..... farms	193	121	142	106	136	59	124	107
$1,000	13 923	8 502	10 669	7 586	9 713	4 318	9 042	7 840
$100,000 to $249,999 ..... farms	319	109	198	136	165	136	197	165
$1,000	51 524	16 409	32 243	21 509	27 242	21 339	33 144	25 932
$250,000 to $499,999 ..... farms	121	26	105	46	117	63	106	81
$1,000	41 297	9 176	36 284	16 037	40 656	21 036	36 500	27 092
$500,000 or more ..... farms	82	20	50	21	36	11	71	38
$1,000	83 325	30 983	70 274	21 181	33 670	9 092	76 162	34 624
1992 value of sales:								
Less than $1,000 ..... farms	13	37	26	61	28	32	14	22
$1,000	3	11	8	21	11	7	3	6
$1,000 to $2,499 ..... farms	10	72	46	81	52	26	31	24
$1,000	13	124	78	130	82	45	47	45
$2,500 to $4,999 ..... farms	35	104	65	81	39	39	28	24
$1,000	134	397	248	303	143	145	106	84
$5,000 to $9,999 ..... farms	48	135	98	118	66	28	44	54
$1,000	376	955	737	869	479	194	328	391
$10,000 to $19,999 ..... farms	73	183	119	144	108	48	65	90
$1,000	1 114	2 658	1 709	2 052	1 597	704	934	1 312
$20,000 to $24,999 ..... farms	40	54	45	51	43	15	31	26
$1,000	870	1 188	1 004	1 145	947	325	685	569
$25,000 to $39,999 ..... farms	116	100	112	90	79	53	77	95
$1,000	3 797	3 102	3 591	2 857	2 524	1 612	2 475	2 956
$40,000 to $49,999 ..... farms	69	66	33	31	57	33	51	34
$1,000	3 076	2 961	1 461	1 385	2 563	1 491	2 288	1 509
$50,000 to $99,999 ..... farms	299	121	173	126	169	98	148	153
$1,000	21 178	9 098	12 628	9 263	12 424	7 200	10 285	11 209
$100,000 to $249,999 ..... farms	352	114	252	163	202	130	225	203
$1,000	56 048	17 549	41 218	26 450	33 234	20 667	36 337	32 205
$250,000 to $499,999 ..... farms	85	29	78	39	88	39	75	69
$1,000	29 513	9 683	25 599	12 933	29 943	12 698	25 589	22 658
$500,000 or more ..... farms	54	11	28	11	18	22	36	28
$1,000	57 296	21 726	27 694	7 834	17 546	19 731	27 603	26 650
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms, 1997	917	676	749	642	700	406	665	560
1992	962	757	844	762	784	462	674	668
$1,000, 1997	70 645	35 884	59 973	44 514	79 582	50 038	61 461	67 503
1992	48 293	29 133	40 377	29 729	61 096	44 340	40 921	60 397
Grains ..... farms, 1997	880	601	713	576	654	383	640	538
1992	938	690	805	677	744	447	651	656
$1,000, 1997	69 509	33 670	58 040	39 895	75 355	49 554	60 286	66 799
1992	47 055	28 088	38 365	26 913	57 974	43 981	40 068	59 446
Corn for grain ..... farms, 1997	749	485	599	477	579	338	563	480
1992	783	589	642	573	697	410	580	591
$1,000, 1997	32 617	17 065	29 906	20 072	38 856	26 011	33 672	35 986
1992	23 884	16 180	21 390	14 788	37 526	25 773	23 991	35 723
Wheat ..... farms, 1997	11	5	4	7	5	14	1	6
1992	1	2	2	6	5	11	2	19
$1,000, 1997	(D)	(D)	21	26	6	64	(D)	(D)
1992	(D)	(D)	(D)	23	13	(D)	(D)	121
Soybeans ..... farms, 1997	836	532	643	521	616	369	585	486
1992	882	556	698	582	623	410	562	560
$1,000, 1997	36 680	16 551	27 954	19 710	36 424	23 390	26 382	29 848
1992	22 908	11 824	16 843	12 010	20 306	18 102	15 818	22 943
Sorghum for grain ..... farms, 1997	1	1	–	–	–	–	–	1
1992	2	1	–	–	–	1	–	3
$1,000, 1997	(D)	(D)	–	–	–	–	–	(D)
1992	(D)	(D)	–	–	–	(D)	–	(D)
Barley ..... farms, 1997	–	1	1	–	1	–	–	–
1992	–	1	–	–	2	–	–	–
$1,000, 1997	–	(D)	(D)	–	(D)	–	–	–
1992	–	(D)	–	–	(D)	–	–	–
Oats ..... farms, 1997	77	23	70	47	33	6	96	16
1992	137	62	104	73	73	18	120	45
$1,000, 1997	167	29	126	87	67	(D)	220	67
1992	247	65	116	(D)	114	52	237	(D)
Other grains ..... farms, 1997	1	–	3	–	2	2	2	19
1992	3	–	1	1	1	1	7	19
$1,000, 1997	(D)	–	(D)	–	(D)	(D)	(D)	855
1992	(D)	–	(D)	(D)	(D)	(D)	(D)	525

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms, 1997	691	577	783	977	649	845	787	1 490
1992	682	617	803	1 147	737	916	841	1 615
$1,000, 1997	39 323	82 602	73 835	180 036	139 942	79 419	155 767	238 391
1992	29 670	63 351	65 427	146 180	94 627	81 768	107 772	221 185
Average per farm ..... dollars, 1997	56 907	143 157	94 298	184 274	215 627	93 986	197 925	159 994
1992	43 504	102 676	81 478	127 445	128 394	89 267	128 148	136 956
1997 value of sales:								
Less than $1,000 (see text) ..... farms	71	68	107	8	16	99	51	107
$1,000	8	4	10	(D)	2	7	(D)	8
$1,000 to $2,499 ..... farms	44	21	41	16	17	40	25	58
$1,000	76	39	66	(D)	24	70	(D)	98
$2,500 to $4,999 ..... farms	59	36	54	11	11	40	23	55
$1,000	219	131	197	42	37	156	91	209
$5,000 to $9,999 ..... farms	102	33	54	25	18	56	23	75
$1,000	751	258	370	175	133	385	166	551
$10,000 to $19,999 ..... farms	103	46	64	49	28	76	25	107
$1,000	1 511	655	912	710	417	1 154	374	1 624
$20,000 to $24,999 ..... farms	41	24	26	28	25	40	30	48
$1,000	890	527	570	624	571	900	661	1 068
$25,000 to $39,999 ..... farms	60	42	76	67	69	88	60	100
$1,000	1 963	1 378	2 388	2 106	2 225	2 814	1 940	3 215
$40,000 to $49,999 ..... farms	44	17	31	50	34	39	34	64
$1,000	1 976	763	1 372	2 270	1 521	1 755	1 535	2 849
$50,000 to $99,999 ..... farms	81	91	122	223	123	109	131	264
$1,000	5 607	6 526	8 665	16 508	8 988	8 012	9 668	19 693
$100,000 to $249,999 ..... farms	66	130	129	289	175	177	243	353
$1,000	10 557	21 331	21 253	46 481	27 957	27 750	40 210	57 069
$250,000 to $499,999 ..... farms	13	51	54	138	71	66	96	164
$1,000	4 028	16 984	17 986	46 649	23 968	22 725	32 822	55 806
$500,000 or more ..... farms	7	18	25	73	62	15	46	95
$1,000	11 735	34 007	20 047	64 447	74 097	13 692	68 253	96 201
1992 value of sales:								
Less than $1,000 ..... farms	42	21	39	10	4	25	15	30
$1,000	14	4	16	4	–	4	4	9
$1,000 to $2,499 ..... farms	39	17	57	32	16	36	25	52
$1,000	70	29	93	51	29	63	42	79
$2,500 to $4,999 ..... farms	61	20	42	31	13	39	14	58
$1,000	231	72	151	115	51	139	52	214
$5,000 to $9,999 ..... farms	112	51	69	32	25	75	33	93
$1,000	796	354	501	243	171	595	225	693
$10,000 to $19,999 ..... farms	114	55	92	83	52	117	58	154
$1,000	1 637	849	1 366	1 291	786	1 641	876	2 298
$20,000 to $24,999 ..... farms	38	29	33	35	13	47	23	57
$1,000	841	640	737	786	294	1 065	519	1 265
$25,000 to $39,999 ..... farms	81	63	77	128	77	105	72	164
$1,000	2 557	1 977	2 483	4 095	2 475	3 394	2 242	5 117
$40,000 to $49,999 ..... farms	31	38	42	70	52	51	42	72
$1,000	1 408	1 718	1 897	3 087	2 330	2 277	1 885	3 248
$50,000 to $99,999 ..... farms	88	114	136	256	185	144	175	309
$1,000	5 875	8 274	9 694	18 643	13 566	10 263	12 931	22 360
$100,000 to $249,999 ..... farms	60	169	166	335	227	217	274	422
$1,000	9 394	25 647	25 341	51 495	35 081	32 622	43 247	67 276
$250,000 to $499,999 ..... farms	13	30	39	102	49	50	83	138
$1,000	4 233	10 271	13 153	34 737	15 829	16 437	28 250	47 935
$500,000 or more ..... farms	3	10	11	33	24	10	27	66
$1,000	2 614	13 516	9 996	31 632	24 016	13 268	17 500	70 691
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms, 1997	466	445	568	866	561	625	675	1 182
1992	423	514	622	985	645	764	747	1 281
$1,000, 1997	14 554	47 023	47 084	89 530	55 793	52 182	81 740	98 729
1992	7 827	39 491	35 076	65 416	45 042	48 516	64 993	75 058
Grains ..... farms, 1997	380	421	532	851	555	589	660	1 139
1992	334	497	579	968	637	732	729	1 246
$1,000, 1997	13 146	41 382	44 318	88 688	55 194	48 708	81 237	97 575
1992	6 934	33 520	32 035	64 733	44 682	39 402	64 499	73 604
Corn for grain ..... farms, 1997	284	381	474	780	507	498	621	995
1992	266	461	530	889	583	650	694	1 062
$1,000, 1997	6 449	20 537	24 025	42 759	27 129	23 270	44 212	46 572
1992	4 058	18 626	19 651	32 470	23 367	21 087	36 209	40 094
Wheat ..... farms, 1997	8	3	14	2	2	14	–	2
1992	8	5	9	–	3	26	1	5
$1,000, 1997	(D)	(D)	39	(D)	(D)	46	–	(D)
1992	52	(D)	(D)	–	(D)	63	(D)	(D)
Soybeans ..... farms, 1997	310	396	460	830	537	557	633	1 050
1992	254	456	486	935	619	672	694	1 119
$1,000, 1997	6 593	20 758	20 131	45 838	27 951	25 299	36 933	50 748
1992	2 759	14 825	12 254	32 135	21 162	18 157	28 192	32 872
Sorghum for grain ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	1	–	–	1	1	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	(D)	–	–	(D)	(D)	–
Barley ..... farms, 1997	–	–	1	3	1	–	–	1
1992	–	–	–	–	–	–	1	1
$1,000, 1997	–	–	(D)	6	(D)	–	–	(D)
1992	–	–	–	–	–	–	(D)	(D)
Oats ..... farms, 1997	22	16	63	47	39	15	35	92
1992	17	28	64	84	75	40	62	209
$1,000, 1997	82	39	93	71	71	27	(D)	185
1992	(D)	41	91	128	105	70	86	499
Other grains ..... farms, 1997	2	2	8	1	2	4	1	6
1992	2	1	11	–	1	3	1	9
$1,000, 1997	(D)	(D)	(D)	(D)	(D)	65	(D)	65
1992	(D)	(D)	21	–	(D)	(D)	(D)	84

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms, 1997	778	800	1 325	934	671	813	799	921
1992	919	832	1 441	933	676	967	913	1 088
$1,000, 1997	138 598	71 221	190 001	107 375	48 665	190 949	95 104	132 843
1992	110 051	61 720	180 073	86 384	38 279	146 389	91 084	124 076
Average per farm ..... dollars, 1997	178 147	89 026	143 397	114 963	72 526	234 870	119 029	144 237
1992	119 751	74 183	124 964	92 588	56 625	151 385	99 763	114 041
1997 value of sales:								
Less than $1,000 (see text) ..... farms	21	137	100	168	127	21	52	31
$1,000	2	20	18	8	8	4	9	5
$1,000 to $2,499 ..... farms	10	75	62	34	35	31	41	28
$1,000	17	118	106	58	61	53	73	48
$2,500 to $4,999 ..... farms	14	55	60	35	35	18	47	21
$1,000	47	202	215	129	133	63	163	77
$5,000 to $9,999 ..... farms	14	70	96	59	69	21	61	34
$1,000	113	485	693	418	506	148	417	236
$10,000 to $19,999 ..... farms	33	60	96	71	94	54	56	57
$1,000	456	877	1 408	1 083	1 355	792	802	839
$20,000 to $24,999 ..... farms	29	16	39	33	41	20	32	25
$1,000	642	355	874	724	898	442	701	563
$25,000 to $39,999 ..... farms	65	55	92	69	55	62	61	77
$1,000	2 108	1 747	2 978	2 257	1 743	2 009	1 889	2 593
$40,000 to $49,999 ..... farms	31	36	66	35	19	43	53	54
$1,000	1 389	1 591	2 988	1 553	860	1 922	2 358	2 458
$50,000 to $99,999 ..... farms	126	102	194	131	100	142	122	199
$1,000	9 248	7 260	14 212	9 616	7 055	10 397	8 672	14 444
$100,000 to $249,999 ..... farms	264	112	311	195	61	224	174	262
$1,000	43 606	18 145	51 349	31 965	8 778	36 030	26 976	42 930
$250,000 to $499,999 ..... farms	129	48	154	78	25	103	61	106
$1,000	42 415	17 336	52 175	26 676	9 047	37 316	21 635	35 679
$500,000 or more ..... farms	42	34	55	26	10	74	39	27
$1,000	38 556	23 084	62 983	32 886	18 219	101 772	31 410	32 972
1992 value of sales:								
Less than $1,000 ..... farms	10	63	55	28	49	11	41	22
$1,000	3	20	20	7	10	4	11	7
$1,000 to $2,499 ..... farms	12	61	68	28	44	21	54	19
$1,000	21	104	125	49	76	35	90	31
$2,500 to $4,999 ..... farms	17	79	71	46	38	31	50	26
$1,000	61	292	261	176	142	112	184	96
$5,000 to $9,999 ..... farms	40	93	94	75	63	44	65	46
$1,000	308	689	704	565	436	319	480	344
$10,000 to $19,999 ..... farms	61	103	128	100	103	65	85	79
$1,000	888	1 489	1 851	1 445	1 534	1 016	1 256	1 203
$20,000 to $24,999 ..... farms	33	32	53	48	30	40	39	40
$1,000	743	722	1 184	1 049	668	890	870	897
$25,000 to $39,999 ..... farms	93	74	108	86	74	86	91	115
$1,000	3 043	2 310	3 449	2 720	2 345	2 715	2 946	3 600
$40,000 to $49,999 ..... farms	61	38	76	34	51	55	58	56
$1,000	2 686	1 713	3 368	1 534	2 270	2 470	2 640	2 470
$50,000 to $99,999 ..... farms	217	110	255	195	118	211	153	265
$1,000	15 764	7 777	18 705	13 792	8 187	15 251	10 840	18 674
$100,000 to $249,999 ..... farms	259	109	360	211	79	247	188	328
$1,000	39 764	16 949	57 845	33 296	11 836	38 148	30 815	51 105
$250,000 to $499,999 ..... farms	92	51	129	69	22	114	68	71
$1,000	29 783	17 547	44 683	23 044	7 397	39 214	23 388	23 779
$500,000 or more ..... farms	24	19	44	13	5	42	21	21
$1,000	16 986	12 109	47 880	8 707	3 376	46 216	17 565	21 872
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms, 1997	737	599	1 064	665	417	694	665	795
1992	861	668	1 186	749	473	824	746	912
$1,000, 1997	99 686	61 424	123 605	63 377	18 591	82 244	61 748	76 335
1992	72 162	47 605	98 982	43 296	14 576	62 357	47 364	57 987
Grains ..... farms, 1997	726	500	991	635	370	678	607	769
1992	853	575	1 141	722	432	809	696	895
$1,000, 1997	99 286	56 564	115 875	60 671	17 383	81 503	58 362	75 192
1992	71 769	43 098	95 079	41 460	13 765	61 312	43 774	56 885
Corn for grain ..... farms, 1997	689	434	925	575	276	604	548	710
1992	802	519	1 060	637	351	729	630	814
$1,000, 1997	51 528	31 178	61 640	32 013	7 588	40 213	34 633	40 160
1992	39 735	25 345	58 150	24 255	7 577	33 431	31 037	36 161
Wheat ..... farms, 1997	1	4	12	4	8	3	8	4
1992	–	3	13	1	9	9	4	2
$1,000, 1997	(D)	(D)	(D)	(D)	(D)	18	(D)	(D)
1992	–	9	(D)	(D)	37	30	(D)	(D)
Soybeans ..... farms, 1997	698	446	923	584	342	642	522	716
1992	818	487	1 014	622	356	762	562	804
$1,000, 1997	47 659	25 332	53 918	28 361	9 461	40 396	23 596	34 820
1992	31 932	17 612	36 568	16 885	5 933	27 083	12 631	20 405
Sorghum for grain ..... farms, 1997	–	–	1	–	–	–	–	1
1992	–	3	3	–	1	–	–	–
$1,000, 1997	–	–	(D)	–	–	–	–	(D)
1992	–	(D)	(D)	–	(D)	–	–	–
Barley ..... farms, 1997	–	–	–	–	–	4	1	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	26	(D)	–
1992	–	–	–	–	–	–	–	–
Oats ..... farms, 1997	42	13	26	117	34	72	60	62
1992	57	31	78	180	33	109	71	176
$1,000, 1997	88	19	81	273	85	136	106	186
1992	(D)	29	160	(D)	56	223	95	(D)
Other grains ..... farms, 1997	4	2	3	1	4	11	1	1
1992	1	3	7	–	4	23	1	–
$1,000, 1997	(D)	(D)	160	(D)	(D)	714	(D)	(D)
1992	(D)	(D)	145	–	(D)	545	(D)	–

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms, 1997	1 752	946	1 152	746	671	807	781	1 214
1992	1 998	990	1 294	741	671	752	757	1 216
$1,000, 1997	507 960	130 832	127 816	62 200	39 032	43 027	44 604	59 615
1992	422 040	106 178	109 630	46 692	48 481	36 654	38 168	56 996
Average per farm ..... dollars, 1997	289 932	138 300	110 952	83 378	58 169	53 318	57 112	49 106
1992	211 231	107 250	84 722	63 012	72 251	48 742	50 420	46 871
1997 value of sales:								
Less than $1,000 (see text) ..... farms	46	69	119	132	110	154	158	207
$1,000	11	14	9	7	11	14	16	36
$1,000 to $2,499 ..... farms	48	43	47	22	41	52	66	122
$1,000	78	72	78	35	64	89	111	210
$2,500 to $4,999 ..... farms	40	44	70	42	57	70	81	128
$1,000	145	172	247	161	204	247	284	474
$5,000 to $9,999 ..... farms	48	58	79	60	62	89	117	167
$1,000	346	399	574	441	453	638	799	1 222
$10,000 to $19,999 ..... farms	92	73	99	103	96	115	77	161
$1,000	1 411	1 047	1 423	1 460	1 313	1 633	1 099	2 260
$20,000 to $24,999 ..... farms	56	45	37	45	28	22	28	46
$1,000	1 245	1 012	821	1 006	630	498	631	1 037
$25,000 to $39,999 ..... farms	124	72	97	69	56	67	48	84
$1,000	3 959	2 323	3 134	2 204	1 814	2 091	1 502	2 707
$40,000 to $49,999 ..... farms	92	47	48	36	31	31	23	40
$1,000	4 083	2 123	2 140	1 584	1 358	1 388	1 052	1 789
$50,000 to $99,999 ..... farms	273	150	179	108	84	89	57	106
$1,000	19 491	10 285	12 879	7 767	6 045	6 444	4 112	7 302
$100,000 to $249,999 ..... farms	433	188	239	83	70	77	76	97
$1,000	70 844	31 417	38 321	12 523	11 088	12 062	12 597	15 656
$250,000 to $499,999 ..... farms	251	110	106	36	24	33	36	37
$1,000	88 449	38 643	34 992	12 220	7 667	11 219	12 726	12 275
$500,000 or more ..... farms	249	47	32	10	12	8	14	19
$1,000	317 898	43 324	33 196	22 792	8 385	6 705	9 677	14 647
1992 value of sales:								
Less than $1,000 ..... farms	21	37	47	48	32	61	74	102
$1,000	9	14	17	8	6	19	19	25
$1,000 to $2,499 ..... farms	43	51	73	19	34	53	72	134
$1,000	74	91	121	33	53	84	110	228
$2,500 to $4,999 ..... farms	52	45	69	34	50	76	85	124
$1,000	187	165	256	132	196	273	317	444
$5,000 to $9,999 ..... farms	85	73	92	80	85	82	94	180
$1,000	628	535	638	558	598	590	688	1 328
$10,000 to $19,999 ..... farms	149	122	149	107	97	114	102	199
$1,000	2 248	1 870	2 148	1 623	1 346	1 592	1 439	2 844
$20,000 to $24,999 ..... farms	71	33	58	49	28	51	48	40
$1,000	1 550	741	1 320	1 093	628	1 135	1 056	891
$25,000 to $39,999 ..... farms	192	95	135	90	68	73	82	120
$1,000	6 153	3 059	4 381	2 801	2 206	2 354	2 559	3 817
$40,000 to $49,999 ..... farms	81	55	59	44	46	45	30	28
$1,000	3 594	2 457	2 643	1 963	2 063	1 994	1 340	1 255
$50,000 to $99,999 ..... farms	367	148	247	136	112	100	51	123
$1,000	26 786	11 390	18 160	10 050	8 137	7 261	3 724	8 383
$100,000 to $249,999 ..... farms	532	225	279	107	92	77	86	128
$1,000	85 078	36 008	42 854	15 556	14 140	12 341	13 631	19 480
$250,000 to $499,999 ..... farms	233	82	70	21	18	15	29	28
$1,000	81 932	28 698	23 667	6 678	6 033	5 610	9 843	9 526
$500,000 or more ..... farms	172	24	16	6	9	5	4	10
$1,000	213 799	21 148	13 425	6 194	13 074	3 401	3 443	8 774
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms, 1997	1 351	795	882	512	426	505	476	802
1992	1 490	852	1 028	564	481	517	501	851
$1,000, 1997	110 319	93 758	86 261	30 448	19 946	24 741	28 976	38 315
1992	77 322	70 794	64 178	21 848	16 571	17 244	20 309	28 332
Grains ..... farms, 1997	1 314	747	823	464	364	437	379	647
1992	1 445	810	970	532	442	464	404	728
$1,000, 1997	105 979	92 038	84 824	29 711	18 229	23 687	27 457	36 275
1992	74 672	69 099	62 831	21 400	15 672	16 525	19 376	26 924
Corn for grain ..... farms, 1997	1 087	690	755	362	304	339	303	490
1992	1 211	754	893	454	389	386	340	595
$1,000, 1997	51 645	49 723	46 015	13 232	8 633	11 387	13 511	18 304
1992	41 566	40 499	40 659	11 882	9 268	8 789	10 494	15 943
Wheat ..... farms, 1997	13	6	–	15	4	13	11	4
1992	3	9	3	15	3	70	11	5
$1,000, 1997	55	(D)	–	67	9	(D)	32	(D)
1992	24	34	(D)	(D)	(D)	183	51	(D)
Soybeans ..... farms, 1997	1 213	687	737	438	301	365	318	541
1992	1 287	735	836	461	363	380	339	592
$1,000, 1997	54 074	42 198	38 645	16 330	9 458	12 230	13 818	17 906
1992	32 787	28 471	21 956	9 425	6 221	7 527	8 802	10 938
Sorghum for grain ..... farms, 1997	–	–	–	–	–	1	–	–
1992	2	2	–	1	–	2	–	–
$1,000, 1997	–	–	–	–	–	(D)	–	–
1992	(D)	(D)	–	(D)	–	(D)	–	–
Barley ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	3	1	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	(D)	(D)	–	–	–	–	–
Oats ..... farms, 1997	71	33	102	19	48	34	30	35
1992	155	34	150	30	56	28	20	33
$1,000, 1997	136	74	(D)	(D)	129	45	95	52
1992	288	35	196	(D)	108	19	26	35
Other grains ..... farms, 1997	8	1	1	1	–	–	–	2
1992	1	7	1	–	3	2	3	1
$1,000, 1997	68	(D)	(D)	(D)	–	–	–	(D)
1992	(D)	56	(D)	–	(D)	(D)	3	(D)

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms, 1997	1 061	729	937	607	1 450	1 306	608	717
1992	1 078	734	1 059	645	1 495	1 254	642	812
$1,000, 1997	174 186	36 564	166 258	78 356	131 310	151 324	76 626	175 045
1992	128 948	33 912	126 924	60 515	125 003	150 949	65 724	99 379
Average per farm ..... dollars, 1997	164 171	50 157	177 436	129 088	90 559	115 869	126 030	244 136
1992	119 618	46 202	119 853	93 822	83 614	120 374	102 374	122 388
1997 value of sales:								
Less than $1,000 (see text) ..... farms	119	106	31	70	227	179	71	40
$1,000	8	12	5	7	19	13	5	5
$1,000 to $2,499 ..... farms	39	37	29	25	73	57	31	17
$1,000	66	65	49	47	123	95	54	32
$2,500 to $4,999 ..... farms	44	56	40	20	57	76	17	25
$1,000	158	194	145	67	196	278	58	90
$5,000 to $9,999 ..... farms	53	78	32	24	88	96	17	23
$1,000	388	582	231	182	643	672	120	168
$10,000 to $19,999 ..... farms	64	94	55	40	113	104	37	36
$1,000	906	1 342	806	595	1 606	1 517	536	535
$20,000 to $24,999 ..... farms	22	35	31	13	52	54	16	28
$1,000	496	792	691	294	1 167	1 177	353	643
$25,000 to $39,999 ..... farms	84	91	54	49	133	104	52	37
$1,000	2 753	2 882	1 737	1 587	4 303	3 411	1 659	1 171
$40,000 to $49,999 ..... farms	39	44	52	32	56	53	28	26
$1,000	1 746	1 983	2 338	1 428	2 495	2 335	1 247	1 187
$50,000 to $99,999 ..... farms	181	83	190	73	241	179	78	115
$1,000	13 188	5 906	14 146	5 358	17 508	13 131	5 533	8 511
$100,000 to $249,999 ..... farms	221	78	246	161	286	254	159	205
$1,000	35 978	12 334	41 281	26 890	44 705	41 166	26 554	33 526
$250,000 to $499,999 ..... farms	112	24	125	84	86	105	87	128
$1,000	39 140	8 128	44 114	29 478	29 555	35 633	29 071	44 302
$500,000 or more ..... farms	83	3	52	16	38	45	15	37
$1,000	79 360	2 345	60 715	12 424	28 989	51 896	11 435	84 875
1992 value of sales:								
Less than $1,000 ..... farms	22	45	28	25	58	68	24	14
$1,000	8	(D)	5	10	17	17	9	6
$1,000 to $2,499 ..... farms	32	36	34	32	50	76	31	31
$1,000	53	58	57	55	84	128	52	51
$2,500 to $4,999 ..... farms	57	60	31	23	75	73	31	21
$1,000	206	223	104	82	274	264	112	74
$5,000 to $9,999 ..... farms	69	88	57	31	104	100	41	32
$1,000	488	667	416	242	774	706	307	251
$10,000 to $19,999 ..... farms	87	118	89	66	171	146	57	52
$1,000	1 223	1 685	1 353	1 001	2 509	2 113	844	771
$20,000 to $24,999 ..... farms	33	45	43	19	77	38	13	30
$1,000	733	1 006	951	435	1 704	823	282	682
$25,000 to $39,999 ..... farms	107	96	92	66	152	106	62	69
$1,000	3 478	3 016	2 979	2 067	4 843	3 394	2 034	2 327
$40,000 to $49,999 ..... farms	67	47	61	32	96	76	30	30
$1,000	2 963	2 081	2 739	1 421	4 275	3 388	1 324	1 325
$50,000 to $99,999 ..... farms	205	104	227	118	264	209	127	185
$1,000	15 372	7 307	16 550	8 554	19 514	14 784	9 300	13 361
$100,000 to $249,999 ..... farms	260	80	268	175	357	247	158	248
$1,000	41 593	12 278	42 049	26 514	55 769	40 028	24 631	39 704
$250,000 to $499,999 ..... farms	104	13	103	53	80	82	64	81
$1,000	34 772	4 350	34 165	16 970	26 982	28 151	20 506	26 187
$500,000 or more ..... farms	35	2	26	5	11	33	4	19
$1,000	28 058	(D)	25 556	3 165	8 259	57 152	6 325	14 641
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms, 1997	787	461	823	486	948	933	472	624
1992	832	494	929	556	963	929	526	732
$1,000, 1997	58 708	21 685	113 102	64 038	42 874	89 808	57 498	95 737
1992	40 890	15 795	89 248	44 869	22 208	61 850	41 099	76 594
Grains ..... farms, 1997	749	396	801	463	888	852	455	613
1992	793	433	916	531	889	871	515	725
$1,000, 1997	57 534	20 166	112 082	63 445	39 953	87 921	56 622	95 226
1992	40 035	14 787	88 221	44 181	19 374	60 091	40 129	76 424
Corn for grain ..... farms, 1997	604	289	746	430	791	756	416	591
1992	668	341	873	505	811	789	481	703
$1,000, 1997	27 607	9 446	59 315	39 285	25 873	47 600	32 004	52 986
1992	22 166	8 654	49 701	28 847	15 820	38 502	25 029	43 984
Wheat ..... farms, 1997	33	15	–	–	5	6	2	–
1992	40	6	4	1	5	5	–	–
$1,000, 1997	151	134	–	–	59	(D)	(D)	–
1992	128	42	(D)	(D)	11	31	–	–
Soybeans ..... farms, 1997	677	343	773	419	555	750	431	583
1992	705	353	861	449	345	689	463	680
$1,000, 1997	29 572	10 539	52 646	24 046	12 965	39 905	24 510	42 202
1992	17 654	6 062	38 394	15 267	3 162	20 837	14 996	32 398
Sorghum for grain ..... farms, 1997	–	–	–	–	–	1	–	–
1992	1	–	1	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	(D)	–	–
1992	(D)	–	(D)	–	–	–	–	–
Barley ..... farms, 1997	1	–	–	–	16	–	–	1
1992	1	–	–	–	21	–	–	–
$1,000, 1997	(D)	–	–	–	(D)	–	–	(D)
1992	(D)	–	–	–	38	–	–	–
Oats ..... farms, 1997	57	28	35	40	199	47	55	14
1992	73	24	71	50	240	110	82	32
$1,000, 1997	(D)	(D)	121	(D)	364	102	86	(D)
1992	82	29	115	(D)	331	333	104	42
Other grains ..... farms, 1997	9	1	–	3	5	9	1	1
1992	3	–	–	–	5	17	–	–
$1,000, 1997	102	(D)	–	(D)	(D)	260	(D)	(D)
1992	(D)	–	–	–	12	389	–	–

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item		Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Sales by commodity or commodity group—Con.								
Crops, including nursery and greenhouse crops—Con.								
Cotton and cottonseed	farms, 1997	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–
	$1,000, 1997	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–
Tobacco	farms, 1997	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–
	$1,000, 1997	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–
Hay, silage, and field seeds	farms, 1997	14 636	166	90	212	211	126	214
	1992	16 431	172	109	208	214	149	221
	$1,000, 1997	88 970	1 432	488	2 109	1 228	601	1 136
	1992	78 959	(D)	695	1 718	1 409	671	944
Vegetables, sweet corn, and melons	farms, 1997	776	2	4	4	5	–	14
	1992	905	4	2	8	5	3	17
	$1,000, 1997	8 568	(D)	(D)	40	5	–	106
	1992	9 509	(D)	(D)	47	6	(D)	94
Fruits, nuts, and berries	farms, 1997	323	2	–	2	1	2	2
	1992	346	–	–	4	2	2	5
	$1,000, 1997	3 627	(D)	–	(D)	(D)	(D)	(D)
	1992	3 499	–	–	17	(D)	(D)	(D)
Nursery and greenhouse crops	farms, 1997	819	6	4	6	2	1	17
	1992	518	–	2	5	1	3	4
	$1,000, 1997	73 208	19	(D)	(D)	(D)	(D)	364
	1992	57 854	–	(D)	203	(D)	35	(D)
Other crops	farms, 1997	115	–	1	3	2	–	4
	1992	108	–	1	–	1	–	1
	$1,000, 1997	1 725	–	(D)	8	(D)	–	(D)
	1992	1 508	–	(D)	–	(D)	–	(D)
Livestock, poultry, and their products	farms, 1997	51 843	565	382	715	575	402	685
	1992	64 668	705	485	877	619	524	884
	$1,000, 1997	5 760 625	39 736	23 908	59 285	13 288	61 654	55 139
	1992	5 458 631	41 357	25 796	77 445	16 044	54 162	80 138
Poultry and poultry products	farms, 1997	1 598	12	9	7	17	14	26
	1992	2 056	12	15	12	3	12	31
	$1,000, 1997	414 429	(D)	1 041	60	3	(D)	(D)
	1992	244 160	9	2 170	2 048	(D)	(D)	4 094
Dairy products	farms, 1997	3 958	8	4	232	10	4	27
	1992	5 544	21	8	322	11	9	43
	$1,000, 1997	408 694	455	203	28 299	594	(D)	3 928
	1992	421 556	1 231	251	29 412	475	230	3 771
Cattle and calves	farms, 1997	38 548	511	362	652	545	281	505
	1992	43 780	588	435	784	579	323	562
	$1,000, 1997	1 850 796	24 368	12 980	15 322	11 389	23 709	25 158
	1992	2 235 422	24 859	14 129	22 714	13 310	27 864	41 002
Hogs and pigs	farms, 1997	18 370	141	63	147	23	165	250
	1992	34 058	316	177	356	91	313	503
	$1,000, 1997	3 029 972	7 038	9 586	14 854	1 046	36 570	22 931
	1992	2 502 048	14 808	9 153	22 951	2 122	25 231	30 956
Sheep, lambs, and wool	farms, 1997	4 598	59	21	26	38	30	75
	1992	7 141	86	29	56	55	51	117
	$1,000, 1997	30 214	156	70	44	114	117	213
	1992	38 861	245	78	85	104	(D)	237
Other livestock and livestock products (see text)	farms, 1997	3 023	21	6	51	41	15	24
	1992	2 992	20	13	22	22	20	40
	$1,000, 1997	26 520	(D)	28	706	141	290	(D)
	1992	16 584	205	16	237	(D)	181	77
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)		53 656	422	309	287	289	393	772
Vegetable and melon farming (1112)		255	1	1	5	–	–	4
Fruit and tree nut farming (1113)		203	1	–	2	2	–	–
Greenhouse, nursery, and floriculture production (1114)		641	2	4	4	1	1	16
Other crop farming (1119)		3 871	51	29	65	97	30	51
Tobacco farming (11191)		–	–	–	–	–	–	–
Cotton farming (11192)		–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)		3 871	51	29	65	97	30	51
Beef cattle ranching and farming (112111)		11 392	169	152	218	345	64	118
Cattle feedlots (112112)		3 914	61	26	37	18	38	59
Dairy cattle and milk production (11212)		2 675	4	3	201	7	3	21
Hog and pig farming (1122)		9 388	45	30	74	8	88	115
Poultry and egg production (1123)		448	1	3	–	3	3	2
Sheep and goat farming (1124)		1 251	11	6	8	10	8	22
Animal aquaculture and other animal production (1125, 1129)		3 098	24	10	57	17	21	30

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.							
Total sales (see text)—Con.							
Sales by commodity or commodity group—Con.							
Crops, including nursery and greenhouse crops—Con.							
Cotton and cottonseed ..... farms, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–
Tobacco ..... farms, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms, 1997	140	138	140	177	78	127	75
1992	140	151	149	188	103	171	88
$1,000, 1997	655	502	588	954	346	461	238
1992	387	465	557	769	369	488	471
Vegetables, sweet corn, and melons ..... farms, 1997	21	7	4	12	5	14	1
1992	32	10	8	13	4	17	4
$1,000, 1997	226	49	(D)	244	(D)	(D)	(D)
1992	257	67	21	350	(D)	(D)	(D)
Fruits, nuts, and berries ..... farms, 1997	10	1	2	5	–	–	–
1992	12	3	2	2	1	1	–
$1,000, 1997	157	(D)	(D)	(D)	–	–	–
1992	(D)	(D)	(D)	(D)	(D)	(D)	–
Nursery and greenhouse crops ..... farms, 1997	19	13	6	6	5	1	2
1992	14	8	3	1	3	1	2
$1,000, 1997	4 092	(D)	97	15	(D)	(D)	(D)
1992	3 269	(D)	27	(D)	9	(D)	(D)
Other crops ..... farms, 1997	3	–	1	2	–	–	–
1992	2	–	1	4	1	–	–
$1,000, 1997	4	–	(D)	(D)	–	–	–
1992	(D)	–	(D)	3	(D)	–	–
Livestock, poultry, and their products ..... farms, 1997	467	377	554	687	473	591	343
1992	648	488	720	816	574	797	466
$1,000, 1997	50 662	34 322	45 593	58 074	118 934	57 607	50 898
1992	50 507	36 460	47 094	55 104	91 810	59 615	40 154
Poultry and poultry products ..... farms, 1997	29	15	26	35	30	28	13
1992	40	22	25	37	30	40	9
$1,000, 1997	3 551	(D)	(D)	900	25 794	2 393	1 892
1992	4 923	2 575	(D)	1 095	22 852	2 411	(D)
Dairy products ..... farms, 1997	31	3	109	137	3	41	–
1992	44	6	195	198	11	78	4
$1,000, 1997	2 930	(D)	10 709	5 996	(D)	3 405	–
1992	3 433	432	14 692	6 848	656	5 110	99
Cattle and calves ..... farms, 1997	262	231	401	489	204	366	189
1992	340	251	511	538	210	436	216
$1,000, 1997	8 093	9 773	11 428	12 181	19 702	12 274	17 112
1992	11 022	15 634	11 251	12 901	24 913	14 645	15 148
Hogs and pigs ..... farms, 1997	207	117	176	323	292	261	167
1992	374	233	345	510	408	474	290
$1,000, 1997	35 580	22 423	21 911	38 498	72 080	37 482	31 704
1992	30 481	17 529	18 104	33 617	42 868	36 902	22 566
Sheep, lambs, and wool ..... farms, 1997	43	51	44	54	43	82	42
1992	65	98	75	77	67	121	80
$1,000, 1997	320	119	173	115	538	405	144
1992	222	178	228	179	267	374	328
Other livestock and livestock products (see text) ..... farms, 1997	37	42	41	70	20	47	17
1992	44	51	41	65	23	38	19
$1,000, 1997	189	271	(D)	385	(D)	1 648	46
1992	426	111	(D)	465	253	173	(D)
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM							
Oilseed and grain farming (1111)	651	612	606	642	569	709	614
Vegetable and melon farming (1112)	9	5	1	5	2	3	–
Fruit and tree nut farming (1113)	4	1	2	–	–	–	–
Greenhouse, nursery, and floriculture production (1114)	13	12	5	3	4	1	2
Other crop farming (1119)	37	32	27	32	10	27	12
Tobacco farming (11191)	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	37	32	27	32	10	27	12
Beef cattle ranching and farming (112111)	53	65	80	102	32	65	28
Cattle feedlots (112112)	30	20	44	44	33	42	25
Dairy cattle and milk production (11212)	15	3	74	53	2	23	–
Hog and pig farming (1122)	116	59	86	188	167	143	87
Poultry and egg production (1123)	15	7	7	11	15	7	8
Sheep and goat farming (1124)	17	12	13	11	8	18	8
Animal aquaculture and other animal production (1125, 1129)	42	35	37	45	25	47	9

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item		Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Sales by commodity or commodity group—Con.								
Crops, including nursery and greenhouse crops—Con.								
Cotton and cottonseed	farms, 1997	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–
	$1,000, 1997	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–
Tobacco	farms, 1997	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–
	$1,000, 1997	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–
Hay, silage, and field seeds	farms, 1997	176	128	173	87	123	125	139
	1992	245	168	193	86	159	180	160
	$1,000, 1997	1 086	648	709	382	666	763	1 052
	1992	2 405	809	805	419	677	680	831
Vegetables, sweet corn, and melons	farms, 1997	5	5	10	6	–	2	3
	1992	4	4	10	14	4	6	4
	$1,000, 1997	29	2	(D)	754	–	(D)	(D)
	1992	(D)	(D)	93	761	7	4	7
Fruits, nuts, and berries	farms, 1997	4	1	6	1	1	2	–
	1992	4	3	5	4	2	3	–
	$1,000, 1997	(D)	(D)	66	(D)	(D)	(D)	–
	1992	(D)	(D)	(D)	(D)	(D)	20	–
Nursery and greenhouse crops	farms, 1997	5	5	17	15	2	6	4
	1992	1	2	7	7	3	3	3
	$1,000, 1997	(D)	(D)	1 502	3 569	(D)	45	(D)
	1992	(D)	(D)	318	695	(D)	(D)	16
Other crops	farms, 1997	1	5	2	2	–	1	–
	1992	–	1	1	2	1	1	–
	$1,000, 1997	(D)	22	(D)	(D)	–	(D)	–
	1992	–	(D)	(D)	(D)	(D)	(D)	–
Livestock, poultry, and their products	farms, 1997	651	495	575	338	541	549	488
	1992	839	658	751	423	682	670	533
	$1,000, 1997	143 731	41 069	49 005	39 243	74 575	65 274	25 513
	1992	134 439	50 645	58 409	29 235	71 574	59 139	17 390
Poultry and poultry products	farms, 1997	13	7	12	9	9	16	11
	1992	28	10	19	16	13	24	14
	$1,000, 1997	9	(D)	12	2 987	(D)	(D)	11
	1992	(D)	(D)	19	2 239	(D)	416	12
Dairy products	farms, 1997	6	6	21	12	18	98	9
	1992	13	14	26	11	37	140	15
	$1,000, 1997	406	507	1 613	1 325	1 276	10 812	386
	1992	563	485	1 519	657	2 124	8 149	455
Cattle and calves	farms, 1997	408	439	399	158	380	427	448
	1992	458	509	439	161	435	462	465
	$1,000, 1997	65 000	25 347	14 762	4 408	28 257	23 837	10 099
	1992	77 586	31 239	17 361	4 286	32 610	24 358	11 244
Hogs and pigs	farms, 1997	376	138	214	158	257	198	63
	1992	613	316	454	264	423	364	163
	$1,000, 1997	77 875	12 184	32 261	30 261	41 713	29 193	14 617
	1992	55 999	16 943	38 922	21 761	33 923	25 706	5 480
Sheep, lambs, and wool	farms, 1997	37	44	74	42	34	45	54
	1992	51	86	131	51	54	59	65
	$1,000, 1997	301	174	217	107	179	211	230
	1992	123	261	514	79	349	255	130
Other livestock and livestock products (see text)	farms, 1997	14	19	32	38	32	28	32
	1992	10	18	32	27	32	30	32
	$1,000, 1997	140	(D)	140	154	(D)	(D)	169
	1992	(D)	(D)	75	213	(D)	255	68
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)		672	502	597	601	574	519	270
Vegetable and melon farming (1112)		–	–	3	4	–	–	1
Fruit and tree nut farming (1113)		3	–	2	1	–	2	–
Greenhouse, nursery, and floriculture production (1114)		4	2	13	14	1	6	3
Other crop farming (1119)		23	27	34	17	15	35	50
Tobacco farming (11191)		–	–	–	–	–	–	–
Cotton farming (11192)		–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)		23	27	34	17	15	35	50
Beef cattle ranching and farming (112111)		67	125	93	29	65	105	238
Cattle feedlots (112112)		68	51	48	25	49	54	36
Dairy cattle and milk production (11212)		2	4	16	7	9	61	5
Hog and pig farming (1122)		227	50	106	77	141	107	23
Poultry and egg production (1123)		2	2	1	4	2	1	–
Sheep and goat farming (1124)		7	13	17	15	4	10	18
Animal aquaculture and other animal production (1125, 1129)		27	28	35	28	30	26	34

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item		Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Sales by commodity or commodity group—Con.								
Crops, including nursery and greenhouse crops—Con.								
Cotton and cottonseed	farms, 1997	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–
	$1,000, 1997	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–
Tobacco	farms, 1997	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–
	$1,000, 1997	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–
Hay, silage, and field seeds	farms, 1997	90	349	184	213	163	192	168
	1992	112	364	281	241	172	216	152
	$1,000, 1997	447	2 757	943	1 026	761	1 070	1 507
	1992	458	2 436	1 286	969	727	814	1 094
Vegetables, sweet corn, and melons	farms, 1997	7	4	12	4	17	5	3
	1992	4	5	14	1	22	7	7
	$1,000, 1997	(D)	1	56	(D)	199	10	(D)
	1992	5	(D)	45	(D)	118	(D)	16
Fruits, nuts, and berries	farms, 1997	2	11	10	5	7	2	2
	1992	4	4	8	1	5	1	3
	$1,000, 1997	(D)	158	30	15	20	(D)	(D)
	1992	4	28	(D)	(D)	(D)	(D)	(D)
Nursery and greenhouse crops	farms, 1997	4	15	8	2	20	6	4
	1992	3	10	6	1	11	7	–
	$1,000, 1997	530	540	96	(D)	3 385	133	(D)
	1992	163	191	591	(D)	832	199	–
Other crops	farms, 1997	–	3	–	–	–	1	1
	1992	–	1	2	–	1	–	2
	$1,000, 1997	–	9	–	–	–	(D)	(D)
	1992	–	(D)	(D)	–	(D)	–	(D)
Livestock, poultry, and their products	farms, 1997	326	1 145	746	749	389	639	489
	1992	432	1 353	936	954	474	706	494
	$1,000, 1997	52 491	117 649	62 518	62 399	40 224	37 338	39 964
	1992	49 554	122 067	76 768	67 572	29 215	26 143	31 985
Poultry and poultry products	farms, 1997	14	26	23	15	24	20	13
	1992	26	23	33	26	23	23	12
	$1,000, 1997	16 649	11 269	(D)	(D)	(D)	125	15
	1992	11 031	2 484	64	131	(D)	509	22
Dairy products	farms, 1997	2	423	41	14	4	68	6
	1992	4	553	60	23	7	77	12
	$1,000, 1997	(D)	40 790	3 778	1 041	(D)	2 918	459
	1992	132	44 069	4 720	1 440	301	2 482	515
Cattle and calves	farms, 1997	181	969	559	632	259	588	453
	1992	230	1 118	600	728	293	605	446
	$1,000, 1997	10 281	20 459	39 570	30 913	11 534	12 128	31 687
	1992	17 139	25 933	41 243	32 650	10 410	12 591	24 669
Hogs and pigs	farms, 1997	145	370	275	245	95	97	39
	1992	257	688	564	507	173	238	124
	$1,000, 1997	24 892	44 614	18 459	29 801	11 599	21 316	7 172
	1992	20 673	49 148	30 280	32 975	8 921	9 789	6 640
Sheep, lambs, and wool	farms, 1997	35	60	60	43	40	83	35
	1992	69	78	90	77	54	144	45
	$1,000, 1997	422	126	173	401	77	718	470
	1992	480	193	243	339	(D)	587	110
Other livestock and livestock products (see text)	farms, 1997	18	54	48	25	51	56	42
	1992	23	47	44	18	44	64	25
	$1,000, 1997	(D)	390	(D)	(D)	508	134	162
	1992	98	241	217	37	136	185	29
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)		502	605	769	652	608	311	258
Vegetable and melon farming (1112)		2	2	6	2	7	–	1
Fruit and tree nut farming (1113)		–	4	9	2	5	2	–
Greenhouse, nursery, and floriculture production (1114)		4	13	6	2	16	3	3
Other crop farming (1119)		16	99	41	57	57	82	88
Tobacco farming (11191)		–	–	–	–	–	–	–
Cotton farming (11192)		–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)		16	99	41	57	57	82	88
Beef cattle ranching and farming (112111)		27	264	135	151	82	330	300
Cattle feedlots (112112)		21	60	107	72	22	24	17
Dairy cattle and milk production (11212)		1	312	24	3	2	40	3
Hog and pig farming (1122)		65	194	94	115	40	49	19
Poultry and egg production (1123)		4	8	2	2	11	2	2
Sheep and goat farming (1124)		6	20	22	18	14	22	7
Animal aquaculture and other animal production (1125, 1129)		20	57	53	31	54	19	32

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item		Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.									
Total sales (see text)—Con.									
Sales by commodity or commodity group—Con.									
Crops, including nursery and greenhouse crops—Con.									
Cotton and cottonseed	farms, 1997	–	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–	–
	$1,000, 1997	–	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–	–
Tobacco	farms, 1997	–	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–	–
	$1,000, 1997	–	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–	–
Hay, silage, and field seeds	farms, 1997	208	107	68	337	35	204	102	79
	1992	277	136	76	407	55	244	114	113
	$1,000, 1997	1 531	595	856	3 694	268	1 240	506	249
	1992	1 497	634	544	3 521	261	1 091	456	372
Vegetables, sweet corn, and melons	farms, 1997	3	7	2	13	3	6	1	24
	1992	2	5	5	9	2	10	1	17
	$1,000, 1997	(D)	93	(D)	44	9	114	(D)	433
	1992	(D)	13	(D)	(D)	(D)	167	(D)	364
Fruits, nuts, and berries	farms, 1997	1	7	3	13	–	6	1	8
	1992	5	6	1	17	–	6	3	4
	$1,000, 1997	(D)	7	(D)	42	–	53	(D)	111
	1992	3	(D)	(D)	53	–	(D)	11	(D)
Nursery and greenhouse crops	farms, 1997	8	10	4	18	2	9	11	12
	1992	3	12	8	11	2	8	5	3
	$1,000, 1997	214	256	(D)	374	(D)	180	(D)	(D)
	1992	(D)	256	483	337	(D)	213	(D)	(D)
Other crops	farms, 1997	1	–	1	3	1	–	–	2
	1992	1	4	1	3	1	2	1	–
	$1,000, 1997	(D)	–	(D)	39	(D)	–	–	(D)
	1992	(D)	(D)	(D)	(D)	(D)	(D)	(D)	–
Livestock, poultry, and their products	farms, 1997	961	316	219	1 220	220	829	393	384
	1992	1 157	380	300	1 432	295	1 058	539	520
	$1,000, 1997	144 359	26 339	31 243	140 740	37 451	104 327	36 510	93 659
	1992	146 067	17 866	38 259	167 168	23 037	97 106	37 333	49 909
Poultry and poultry products	farms, 1997	15	10	5	22	10	16	14	16
	1992	23	6	10	28	15	27	16	20
	$1,000, 1997	(D)	4	6	171	(D)	(D)	(D)	(D)
	1992	150	2	2 141	(D)	89	1 557	(D)	3 894
Dairy products	farms, 1997	318	8	6	426	–	215	26	16
	1992	411	11	11	551	3	322	22	24
	$1,000, 1997	35 312	1 080	700	52 785	–	25 105	1 795	469
	1992	35 771	1 383	775	57 572	(D)	26 729	718	1 237
Cattle and calves	farms, 1997	709	242	139	1 046	150	631	257	213
	1992	831	264	179	1 153	164	775	287	229
	$1,000, 1997	30 636	5 815	21 207	41 993	13 470	19 667	7 868	9 451
	1992	30 970	6 186	24 764	49 129	11 965	25 114	12 878	11 202
Hogs and pigs	farms, 1997	537	72	90	409	87	311	164	196
	1992	858	142	157	795	167	564	329	339
	$1,000, 1997	77 671	19 272	9 095	45 479	17 247	56 941	24 578	37 304
	1992	79 012	10 085	9 791	59 625	10 718	42 940	22 570	33 134
Sheep, lambs, and wool	farms, 1997	41	26	36	36	25	62	27	39
	1992	72	60	48	47	33	89	48	70
	$1,000, 1997	67	58	133	82	114	559	60	239
	1992	98	127	618	(D)	103	536	(D)	293
Other livestock and livestock products (see text)	farms, 1997	26	35	17	41	11	34	19	15
	1992	33	27	16	44	18	31	24	18
	$1,000, 1997	(D)	110	101	231	(D)	(D)	(D)	(D)
	1992	66	83	170	284	(D)	230	195	149
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM									
Oilseed and grain farming (1111)		442	435	365	395	399	677	604	639
Vegetable and melon farming (1112)		–	2	2	4	1	2	–	2
Fruit and tree nut farming (1113)		1	5	1	11	1	4	–	3
Greenhouse, nursery, and floriculture production (1114)		6	9	4	15	–	7	10	7
Other crop farming (1119)		35	31	18	90	5	34	25	12
Tobacco farming (11191)		–	–	–	–	–	–	–	–
Cotton farming (11192)		–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)		35	31	18	90	5	34	25	12
Beef cattle ranching and farming (112111)		121	74	33	230	19	126	45	33
Cattle feedlots (112112)		76	21	15	160	21	79	40	19
Dairy cattle and milk production (11212)		216	6	5	364	–	151	15	2
Hog and pig farming (1122)		330	40	35	237	44	162	80	112
Poultry and egg production (1123)		2	2	1	6	2	4	6	8
Sheep and goat farming (1124)		11	6	14	13	9	11	6	4
Animal aquaculture and other animal production (1125, 1129)		38	19	19	54	18	38	19	15

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Sales by commodity or commodity group—Con.								
Crops, including nursery and greenhouse crops—Con.								
Cotton and cottonseed ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Tobacco ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms, 1997	84	103	103	106	89	89	77	126
1992	64	92	118	164	73	89	116	120
$1,000, 1997	391	(D)	374	556	305	438	(D)	831
1992	406	340	377	605	191	(D)	297	777
Vegetables, sweet corn, and melons ..... farms, 1997	8	–	10	4	4	8	20	10
1992	5	4	11	5	3	9	25	5
$1,000, 1997	16	–	103	(D)	(D)	12	562	133
1992	1	(D)	113	8	(D)	347	549	(D)
Fruits, nuts, and berries ..... farms, 1997	3	–	1	–	3	4	7	4
1992	2	2	–	1	1	3	9	9
$1,000, 1997	168	–	(D)	–	(D)	(D)	(D)	(D)
1992	(D)	(D)	–	(D)	(D)	(D)	(D)	288
Nursery and greenhouse crops ..... farms, 1997	6	1	4	4	8	2	10	6
1992	2	1	–	5	2	4	7	2
$1,000, 1997	2 324	(D)	(D)	(D)	42	(D)	596	(D)
1992	(D)	(D)	–	255	(D)	38	399	(D)
Other crops ..... farms, 1997	–	–	1	1	1	–	–	–
1992	–	–	–	2	–	–	2	1
$1,000, 1997	–	–	(D)	(D)	(D)	–	–	–
1992	–	–	–	(D)	–	–	(D)	(D)
Livestock, poultry, and their products ..... farms, 1997	260	332	385	536	312	379	434	411
1992	342	415	523	656	399	548	583	520
$1,000, 1997	22 628	35 056	57 352	51 392	131 289	54 541	114 996	31 280
1992	28 251	29 046	57 306	43 071	70 537	45 981	74 738	32 194
Poultry and poultry products ..... farms, 1997	3	10	20	8	31	11	13	8
1992	5	14	27	15	40	15	23	15
$1,000, 1997	(D)	(D)	1 965	(D)	19 677	(D)	15 087	9
1992	1	10	1 724	(D)	23 830	(D)	16 862	11
Dairy products ..... farms, 1997	2	2	11	7	5	6	5	5
1992	3	1	21	16	6	13	5	6
$1,000, 1997	(D)	(D)	1 372	680	803	595	305	126
1992	282	(D)	1 276	607	658	805	252	124
Cattle and calves ..... farms, 1997	228	240	219	461	114	199	246	358
1992	274	277	272	514	123	217	291	404
$1,000, 1997	17 461	12 663	18 438	17 035	4 049	7 735	9 968	15 686
1992	20 222	12 631	27 999	17 097	8 131	11 567	16 492	20 207
Hogs and pigs ..... farms, 1997	57	131	193	125	177	200	221	84
1992	131	204	334	276	262	389	364	217
$1,000, 1997	4 983	22 209	35 127	15 771	106 151	36 249	88 491	15 345
1992	7 665	16 035	25 712	17 189	37 443	30 186	40 265	11 716
Sheep, lambs, and wool ..... farms, 1997	12	31	42	38	41	41	40	10
1992	17	57	71	61	59	58	66	22
$1,000, 1997	56	93	235	94	119	201	119	33
1992	58	205	484	(D)	102	174	251	41
Other livestock and livestock products (see text) ..... farms, 1997	18	15	28	18	21	20	30	16
1992	15	15	22	29	30	15	43	18
$1,000, 1997	45	75	216	(D)	489	(D)	1 026	82
1992	24	(D)	112	166	373	(D)	615	95
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	463	611	522	508	601	632	594	650
Vegetable and melon farming (1112)	–	–	3	1	3	1	7	1
Fruit and tree nut farming (1113)	2	1	–	2	1	2	3	7
Greenhouse, nursery, and floriculture production (1114)	6	1	2	3	4	2	7	3
Other crop farming (1119)	7	18	13	27	15	11	15	26
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	7	18	13	27	15	11	15	26
Beef cattle ranching and farming (112111)	49	50	40	174	18	34	59	95
Cattle feedlots (112112)	9	12	21	29	8	28	24	27
Dairy cattle and milk production (11212)	1	–	6	5	2	4	1	2
Hog and pig farming (1122)	15	53	104	67	95	96	119	37
Poultry and egg production (1123)	–	3	5	2	18	4	5	1
Sheep and goat farming (1124)	2	4	10	7	9	14	7	4
Animal aquaculture and other animal production (1125, 1129)	14	10	28	22	16	21	16	23

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Sales by commodity or commodity group—Con.								
Crops, including nursery and greenhouse crops—Con.								
Cotton and cottonseed ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Tobacco ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms, 1997	121	130	51	107	173	285	205	134
1992	131	140	61	160	202	278	256	163
$1,000, 1997	547	746	174	739	1 124	2 164	1 413	768
1992	363	633	236	(D)	1 045	1 429	1 098	708
Vegetables, sweet corn, and melons ..... farms, 1997	2	4	3	3	12	8	12	9
1992	4	2	3	1	9	6	11	11
$1,000, 1997	(D)	(D)	(D)	9	77	25	52	21
1992	11	(D)	8	(D)	(D)	30	18	(D)
Fruits, nuts, and berries ..... farms, 1997	4	–	1	3	1	7	8	4
1992	4	–	–	–	1	8	5	5
$1,000, 1997	36	–	(D)	(D)	(D)	43	92	10
1992	(D)	–	–	–	(D)	33	(D)	(D)
Nursery and greenhouse crops ..... farms, 1997	10	2	3	3	3	7	9	9
1992	6	1	3	–	3	7	13	7
$1,000, 1997	227	(D)	127	(D)	(D)	37	314	117
1992	62	(D)	150	–	27	183	586	357
Other crops ..... farms, 1997	1	–	–	–	–	4	–	–
1992	2	–	–	–	1	–	1	–
$1,000, 1997	(D)	–	–	–	–	9	–	–
1992	(D)	–	–	–	(D)	–	(D)	–
Livestock, poultry, and their products ..... farms, 1997	441	494	221	393	585	957	713	424
1992	493	601	329	517	730	1 136	933	507
$1,000, 1997	30 791	40 148	27 989	40 393	51 339	69 892	64 679	22 487
1992	30 555	40 904	30 569	44 745	56 411	88 883	73 932	26 378
Poultry and poultry products ..... farms, 1997	25	20	13	8	16	22	19	8
1992	30	16	18	12	17	33	32	14
$1,000, 1997	6 378	17	1 740	(D)	581	(D)	143	6
1992	6 471	(D)	796	8	180	196	161	24
Dairy products ..... farms, 1997	7	110	7	2	24	134	18	12
1992	8	126	11	13	30	165	35	9
$1,000, 1997	765	8 005	512	(D)	1 824	12 503	1 468	895
1992	642	8 071	611	707	1 673	11 637	2 713	856
Cattle and calves ..... farms, 1997	309	384	116	300	446	850	525	352
1992	308	407	130	338	531	974	698	373
$1,000, 1997	5 646	11 800	7 941	19 635	20 415	36 123	24 126	6 270
1992	5 973	12 956	10 501	22 772	27 826	49 760	30 449	9 333
Hogs and pigs ..... farms, 1997	133	195	114	165	210	238	232	128
1992	220	358	215	324	396	541	458	217
$1,000, 1997	17 023	20 049	17 438	20 029	28 179	18 190	38 468	13 956
1992	17 102	18 206	18 515	20 819	26 253	26 771	40 102	15 601
Sheep, lambs, and wool ..... farms, 1997	54	25	22	29	48	53	96	40
1992	91	43	56	50	86	71	129	79
$1,000, 1997	153	102	346	176	239	200	272	1 260
1992	200	137	117	181	339	169	287	499
Other livestock and livestock products (see text) ..... farms, 1997	34	39	9	13	28	43	47	27
1992	33	8	14	23	33	35	39	28
$1,000, 1997	826	176	12	74	102	(D)	202	99
1992	168	(D)	28	258	141	350	219	64
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	514	507	482	420	560	429	757	437
Vegetable and melon farming (1112)	–	1	–	2	5	1	7	3
Fruit and tree nut farming (1113)	4	1	1	–	1	3	4	2
Greenhouse, nursery, and floriculture production (1114)	9	2	3	2	2	6	9	6
Other crop farming (1119)	25	26	9	14	39	82	58	42
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	25	26	9	14	39	82	58	42
Beef cattle ranching and farming (112111)	111	85	25	54	129	313	100	130
Cattle feedlots (112112)	26	42	16	33	55	155	52	27
Dairy cattle and milk production (11212)	4	70	2	1	14	100	16	9
Hog and pig farming (1122)	81	88	46	82	113	101	119	70
Poultry and egg production (1123)	16	3	7	–	4	7	2	2
Sheep and goat farming (1124)	15	7	2	11	15	14	33	7
Animal aquaculture and other animal production (1125, 1129)	30	30	7	18	39	69	47	30

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Sales by commodity or commodity group—Con.								
Crops, including nursery and greenhouse crops—Con.								
Cotton and cottonseed ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Tobacco ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms, 1997	268	195	112	98	149	272	77	170
1992	283	254	152	126	171	284	77	130
$1,000, 1997	1 532	1 373	737	384	782	1 235	342	1 101
1992	1 241	1 350	728	423	1 037	1 239	256	507
Vegetables, sweet corn, and melons ..... farms, 1997	27	5	3	18	9	31	6	4
1992	26	5	4	30	9	33	8	5
$1,000, 1997	56	(D)	(D)	363	69	312	100	(D)
1992	165	(D)	(D)	457	55	401	(D)	(D)
Fruits, nuts, and berries ..... farms, 1997	19	1	–	2	6	10	5	1
1992	19	–	2	3	4	18	5	–
$1,000, 1997	166	(D)	–	(D)	57	(D)	24	(D)
1992	149	–	(D)	4	(D)	79	73	–
Nursery and greenhouse crops ..... farms, 1997	30	11	2	3	15	38	6	4
1992	8	2	1	4	10	33	1	1
$1,000, 1997	992	330	(D)	(D)	2 219	3 553	84	(D)
1992	324	(D)	(D)	(D)	1 191	2 256	(D)	(D)
Other crops ..... farms, 1997	5	1	–	–	3	2	5	–
1992	5	–	–	1	3	6	4	–
$1,000, 1997	6	(D)	–	–	3	(D)	644	–
1992	4	–	–	(D)	(D)	9	441	–
Livestock, poultry, and their products ..... farms, 1997	736	691	543	604	508	775	262	492
1992	891	862	680	799	604	980	305	489
$1,000, 1997	49 563	76 322	45 605	90 031	35 475	38 398	38 907	15 844
1992	64 674	91 703	49 025	68 378	41 741	49 166	15 311	16 853
Poultry and poultry products ..... farms, 1997	65	10	12	25	16	28	6	8
1992	77	13	19	33	11	38	6	5
$1,000, 1997	2 444	4	1 779	730	214	19	(D)	3
1992	6 943	12	(D)	2 978	48	32	305	(D)
Dairy products ..... farms, 1997	91	62	5	24	19	50	4	11
1992	106	98	5	46	25	66	2	6
$1,000, 1997	5 319	7 094	398	2 451	2 766	3 753	146	270
1992	4 921	6 708	339	2 857	3 380	3 886	(D)	627
Cattle and calves ..... farms, 1997	560	547	412	320	388	602	171	447
1992	605	621	455	364	437	703	189	442
$1,000, 1997	12 283	38 208	12 156	20 915	9 120	17 659	4 114	10 635
1992	16 313	43 107	11 530	21 848	13 433	22 466	4 948	10 300
Hogs and pigs ..... farms, 1997	300	249	204	326	150	200	103	59
1992	521	514	405	516	257	432	171	110
$1,000, 1997	27 985	30 609	30 739	65 066	23 099	15 430	34 345	4 253
1992	35 435	41 643	35 438	40 200	24 558	22 180	9 870	5 359
Sheep, lambs, and wool ..... farms, 1997	126	48	61	68	49	86	29	30
1992	165	67	97	100	80	133	35	61
$1,000, 1997	703	209	405	447	180	215	62	590
1992	578	106	735	381	242	287	58	257
Other livestock and livestock products (see text) ..... farms, 1997	78	44	31	24	30	57	22	44
1992	77	38	30	12	28	61	17	37
$1,000, 1997	828	197	128	421	96	1 322	(D)	95
1992	485	126	(D)	115	80	315	(D)	(D)
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	620	524	617	1 080	457	862	413	270
Vegetable and melon farming (1112)	3	1	–	1	3	11	2	2
Fruit and tree nut farming (1113)	9	–	1	1	5	7	4	–
Greenhouse, nursery, and floriculture production (1114)	25	7	–	3	14	33	5	3
Other crop farming (1119)	69	41	32	22	56	95	26	75
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	69	41	32	22	56	95	26	75
Beef cattle ranching and farming (112111)	145	163	111	48	134	188	42	245
Cattle feedlots (112112)	53	82	25	43	36	66	14	31
Dairy cattle and milk production (11212)	39	40	3	12	15	29	3	9
Hog and pig farming (1122)	173	116	129	147	75	93	54	30
Poultry and egg production (1123)	10	1	7	3	7	3	–	1
Sheep and goat farming (1124)	37	7	18	11	13	25	10	7
Animal aquaculture and other animal production (1125, 1129)	78	47	25	33	46	68	20	33

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Sales by commodity or commodity group—Con.								
Crops, including nursery and greenhouse crops—Con.								
Cotton and cottonseed ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Tobacco ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms, 1997	188	217	163	192	128	85	84	89
1992	215	221	170	229	168	79	97	102
$1,000, 1997	908	1 314	1 149	977	653	367	652	700
1992	1 080	904	816	761	659	279	643	748
Vegetables, sweet corn, and melons ..... farms, 1997	2	8	8	9	9	3	20	3
1992	9	10	9	12	13	4	9	7
$1,000, 1997	(D)	14	(D)	17	55	(D)	326	(D)
1992	98	50	100	(D)	36	13	192	76
Fruits, nuts, and berries ..... farms, 1997	1	2	–	3	3	–	7	1
1992	2	2	–	10	6	–	4	–
$1,000, 1997	(D)	(D)	–	(D)	(D)	–	17	(D)
1992	(D)	(D)	–	354	(D)	–	(D)	–
Nursery and greenhouse crops ..... farms, 1997	3	12	6	6	13	4	13	–
1992	3	5	5	9	10	5	4	–
$1,000, 1997	217	865	656	(D)	(D)	(D)	173	–
1992	55	(D)	1 087	(D)	2 379	68	11	–
Other crops ..... farms, 1997	4	2	1	–	1	–	4	–
1992	1	3	4	–	1	–	2	7
$1,000, 1997	(D)	(D)	(D)	–	(D)	–	8	–
1992	(D)	(D)	9	–	(D)	–	(D)	126
Livestock, poultry, and their products ..... farms, 1997	786	638	624	567	441	228	517	337
1992	931	750	786	692	574	314	567	461
$1,000, 1997	128 151	37 666	96 749	28 601	38 059	9 152	99 110	33 051
1992	125 126	40 319	75 598	35 512	40 395	20 477	65 759	39 196
Poultry and poultry products ..... farms, 1997	23	9	6	11	10	3	35	5
1992	24	14	32	28	11	3	29	8
$1,000, 1997	2 686	(D)	(D)	6	55	7	4 756	6
1992	1 566	(D)	1 045	793	(D)	(D)	3 605	4
Dairy products ..... farms, 1997	58	2	21	14	7	3	76	5
1992	85	5	35	25	17	3	92	7
$1,000, 1997	8 694	(D)	1 998	1 518	1 807	137	6 249	263
1992	6 188	(D)	2 766	2 159	1 429	142	5 299	200
Cattle and calves ..... farms, 1997	522	578	446	466	317	179	312	267
1992	668	643	502	501	388	224	293	323
$1,000, 1997	49 919	12 051	24 305	9 734	12 462	5 240	30 697	20 151
1992	73 784	13 918	29 433	11 691	15 664	12 671	26 558	25 678
Hogs and pigs ..... farms, 1997	392	91	284	138	146	55	285	117
1992	549	238	477	304	246	146	388	256
$1,000, 1997	66 097	9 049	60 086	16 524	23 355	3 592	57 150	12 508
1992	42 516	11 702	41 945	20 212	22 207	7 558	30 130	13 115
Sheep, lambs, and wool ..... farms, 1997	63	50	49	79	68	19	34	25
1992	88	95	93	80	103	21	61	40
$1,000, 1997	592	153	173	636	240	76	106	95
1992	950	194	298	543	306	57	115	162
Other livestock and livestock products (see text) ..... farms, 1997	48	46	30	42	24	18	30	10
1992	25	40	25	51	28	13	27	17
$1,000, 1997	162	157	(D)	182	140	100	152	28
1992	122	128	111	114	(D)	(D)	53	36
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	592	523	572	567	624	368	437	474
Vegetable and melon farming (1112)	1	4	3	3	5	–	3	1
Fruit and tree nut farming (1113)	–	–	1	–	4	–	–	2
Greenhouse, nursery, and floriculture production (1114)	3	8	5	6	9	2	10	–
Other crop farming (1119)	33	72	41	63	31	18	15	17
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	33	72	41	63	31	18	15	17
Beef cattle ranching and farming (112111)	92	257	114	149	76	44	71	90
Cattle feedlots (112112)	80	25	56	29	37	11	63	33
Dairy cattle and milk production (11212)	36	–	11	9	7	2	37	5
Hog and pig farming (1122)	241	36	174	67	74	17	145	49
Poultry and egg production (1123)	4	1	2	1	3	2	11	2
Sheep and goat farming (1124)	19	12	12	23	14	11	5	7
Animal aquaculture and other animal production (1125, 1129)	48	48	31	54	28	21	27	17

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Sales by commodity or commodity group—Con.								
Crops, including nursery and greenhouse crops—Con.								
Cotton and cottonseed ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Tobacco ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms, 1997	204	108	148	121	76	159	61	189
1992	172	119	132	167	111	182	73	237
$1,000, 1997	1 375	605	694	668	(D)	831	335	1 024
1992	877	(D)	560	642	346	(D)	310	981
Vegetables, sweet corn, and melons ..... farms, 1997	1	1	26	5	–	3	6	5
1992	1	–	34	5	3	2	15	10
$1,000, 1997	(D)	(D)	937	95	–	(D)	(D)	(D)
1992	(D)	–	1 034	12	(D)	(D)	160	42
Fruits, nuts, and berries ..... farms, 1997	4	–	6	1	–	–	–	4
1992	4	–	4	2	–	–	1	6
$1,000, 1997	(D)	–	(D)	(D)	–	–	–	74
1992	10	–	1	(D)	–	–	(D)	41
Nursery and greenhouse crops ..... farms, 1997	4	7	8	4	3	9	4	4
1992	2	1	12	3	1	7	8	5
$1,000, 1997	28	(D)	840	(D)	(D)	(D)	(D)	(D)
1992	(D)	(D)	1 210	4	(D)	8 480	(D)	391
Other crops ..... farms, 1997	–	–	5	2	–	–	–	–
1992	–	1	11	2	–	–	–	–
$1,000, 1997	–	–	(D)	(D)	–	–	–	–
1992	–	(D)	236	(D)	–	–	–	–
Livestock, poultry, and their products ..... farms, 1997	468	329	418	529	318	526	327	953
1992	514	424	505	728	440	630	470	1 239
$1,000, 1997	24 769	35 579	26 752	90 506	84 148	27 236	74 027	139 662
1992	21 842	23 860	30 351	80 764	49 585	33 252	42 779	146 126
Poultry and poultry products ..... farms, 1997	5	8	22	18	10	7	14	19
1992	8	6	18	17	11	19	14	38
$1,000, 1997	(D)	(D)	(D)	4 840	11 580	(D)	11 301	312
1992	6	5	(D)	2 508	(D)	18	557	388
Dairy products ..... farms, 1997	8	3	15	17	22	3	10	30
1992	17	8	24	31	47	8	15	37
$1,000, 1997	1 305	378	1 800	1 361	3 135	(D)	650	3 278
1992	1 306	419	2 567	1 347	3 084	449	504	3 224
Cattle and calves ..... farms, 1997	419	281	287	282	195	461	186	621
1992	471	334	324	342	258	511	235	725
$1,000, 1997	12 078	14 124	7 597	21 204	23 540	15 149	13 859	48 756
1992	13 643	12 783	7 696	28 025	20 326	17 449	16 326	72 771
Hogs and pigs ..... farms, 1997	50	86	150	300	165	130	170	502
1992	126	205	261	526	259	293	333	830
$1,000, 1997	11 034	8 383	14 051	62 239	45 427	11 372	47 471	85 582
1992	6 627	10 484	17 219	48 154	24 878	14 836	24 794	69 032
Sheep, lambs, and wool ..... farms, 1997	26	20	61	58	29	34	25	72
1992	55	32	88	98	69	47	45	126
$1,000, 1997	123	63	166	523	431	133	720	1 262
1992	154	139	219	514	520	118	361	516
Other livestock and livestock products (see text) ..... farms, 1997	28	14	33	24	9	33	14	34
1992	24	7	41	31	10	32	16	37
$1,000, 1997	(D)	(D)	(D)	338	35	410	27	471
1992	107	30	(D)	215	(D)	382	238	195
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	262	385	476	660	449	530	611	860
Vegetable and melon farming (1112)	–	–	19	–	–	–	2	1
Fruit and tree nut farming (1113)	4	–	2	–	–	–	2	4
Greenhouse, nursery, and floriculture production (1114)	3	4	6	2	3	7	3	2
Other crop farming (1119)	97	26	35	15	10	39	14	50
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	97	26	35	15	10	39	14	50
Beef cattle ranching and farming (112111)	237	74	67	46	29	146	26	143
Cattle feedlots (112112)	16	23	28	37	33	34	29	68
Dairy cattle and milk production (11212)	8	1	9	10	13	1	6	18
Hog and pig farming (1122)	23	30	79	169	91	47	69	284
Poultry and egg production (1123)	5	1	4	7	4	1	6	4
Sheep and goat farming (1124)	10	6	19	15	9	8	7	18
Animal aquaculture and other animal production (1125, 1129)	26	27	39	16	8	32	12	38

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Sales by commodity or commodity group—Con.								
Crops, including nursery and greenhouse crops—Con.								
Cotton and cottonseed ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Tobacco ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms, 1997	60	116	234	205	134	107	130	160
1992	71	127	222	237	149	142	196	192
$1,000, 1997	157	629	1 297	2 520	962	602	708	881
1992	256	432	922	1 733	800	573	693	904
Vegetables, sweet corn, and melons ..... farms, 1997	4	19	20	6	4	5	12	4
1992	4	29	18	4	2	6	19	3
$1,000, 1997	(D)	(D)	140	(D)	13	(D)	88	(D)
1992	(D)	284	93	13	(D)	21	114	(D)
Fruits, nuts, and berries ..... farms, 1997	–	11	5	2	3	2	9	2
1992	1	6	3	6	–	1	11	1
$1,000, 1997	–	378	149	(D)	(D)	(D)	42	(D)
1992	(D)	132	(D)	(D)	–	(D)	41	(D)
Nursery and greenhouse crops ..... farms, 1997	11	42	19	7	9	4	18	8
1992	7	32	12	2	1	2	17	5
$1,000, 1997	221	3 737	(D)	168	45	103	2 549	223
1992	118	3 660	2 760	(D)	(D)	(D)	2 742	136
Other crops ..... farms, 1997	2	1	5	–	2	1	–	–
1992	1	–	2	–	–	–	–	–
$1,000, 1997	(D)	(D)	(D)	–	(D)	(D)	–	–
1992	(D)	–	(D)	–	–	–	–	–
Livestock, poultry, and their products ..... farms, 1997	275	287	727	548	430	472	437	571
1992	411	399	945	687	531	642	577	786
$1,000, 1997	38 912	9 797	66 396	43 998	30 074	108 705	33 356	56 507
1992	37 890	14 115	81 091	43 088	23 703	84 033	43 720	66 090
Poultry and poultry products ..... farms, 1997	10	16	22	13	7	17	15	22
1992	19	19	20	15	12	25	26	22
$1,000, 1997	(D)	(D)	9	(D)	(D)	2 459	(D)	17
1992	2 282	(D)	49	653	(D)	2 091	(D)	(D)
Dairy products ..... farms, 1997	6	3	7	8	8	10	21	8
1992	10	9	13	17	2	16	36	15
$1,000, 1997	681	260	367	2 286	264	1 097	1 351	494
1992	425	580	675	1 253	(D)	1 125	4 357	584
Cattle and calves ..... farms, 1997	136	189	560	459	408	284	282	428
1992	180	240	677	539	479	309	341	513
$1,000, 1997	6 742	4 509	46 507	12 806	10 652	33 223	9 411	26 741
1992	11 641	6 240	54 493	19 209	14 185	37 279	12 976	27 533
Hogs and pigs ..... farms, 1997	162	72	207	182	57	256	162	230
1992	286	129	436	333	203	430	308	513
$1,000, 1997	27 907	4 571	18 971	28 192	18 107	70 483	20 776	28 798
1992	23 212	6 731	25 238	21 612	8 065	42 905	24 806	37 099
Sheep, lambs, and wool ..... farms, 1997	32	45	57	58	25	51	58	45
1992	43	63	71	82	45	88	78	52
$1,000, 1997	189	163	158	428	160	1 329	140	205
1992	290	(D)	186	304	142	554	(D)	304
Other livestock and livestock products (see text) ..... farms, 1997	14	38	57	21	18	17	29	12
1992	14	54	49	27	24	16	28	22
$1,000, 1997	(D)	(D)	384	(D)	(D)	114	(D)	253
1992	41	239	450	57	30	79	183	(D)
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	666	530	878	633	327	526	495	642
Vegetable and melon farming (1112)	–	10	9	2	1	1	5	–
Fruit and tree nut farming (1113)	–	7	2	1	2	–	5	2
Greenhouse, nursery, and floriculture production (1114)	8	38	14	6	5	3	15	7
Other crop farming (1119)	9	43	69	41	66	17	36	15
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	9	43	69	41	66	17	36	15
Beef cattle ranching and farming (112111)	8	59	131	100	203	51	70	75
Cattle feedlots (112112)	14	19	76	31	15	30	36	42
Dairy cattle and milk production (11212)	3	1	1	3	3	5	11	4
Hog and pig farming (1122)	63	17	60	69	29	141	73	106
Poultry and egg production (1123)	2	4	5	1	1	7	3	3
Sheep and goat farming (1124)	2	16	19	16	5	11	16	12
Animal aquaculture and other animal production (1125, 1129)	3	56	61	31	14	21	34	13

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Sales by commodity or commodity group—Con.								
Crops, including nursery and greenhouse crops—Con.								
Cotton and cottonseed ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Tobacco ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms, 1997	239	140	222	123	159	171	183	281
1992	273	121	259	116	128	149	161	241
$1,000, 1997	1 896	809	1 207	690	933	984	1 249	1 413
1992	1 443	571	1 192	446	769	624	468	787
Vegetables, sweet corn, and melons ..... farms, 1997	9	13	16	5	1	6	5	16
1992	4	14	13	3	6	9	7	25
$1,000, 1997	33	54	43	3	(D)	10	(D)	63
1992	(D)	61	(D)	(D)	(D)	30	(D)	84
Fruits, nuts, and berries ..... farms, 1997	2	6	2	3	–	5	1	9
1992	1	7	7	2	–	3	3	7
$1,000, 1997	(D)	(D)	(D)	(D)	–	10	(D)	(D)
1992	(D)	28	(D)	(D)	–	(D)	(D)	(D)
Nursery and greenhouse crops ..... farms, 1997	7	16	5	2	5	6	12	19
1992	6	9	6	–	1	4	8	5
$1,000, 1997	(D)	789	(D)	(D)	(D)	46	263	85
1992	(D)	1 035	57	–	(D)	(D)	442	58
Other crops ..... farms, 1997	–	2	–	–	–	3	–	2
1992	2	–	–	–	–	–	–	1
$1,000, 1997	–	(D)	–	–	–	3	–	(D)
1992	(D)	–	–	–	–	–	–	(D)
Livestock, poultry, and their products ..... farms, 1997	1 188	378	650	455	456	517	437	715
1992	1 461	497	864	528	523	544	489	855
$1,000, 1997	397 641	37 074	41 555	31 752	19 086	18 287	15 628	21 300
1992	344 718	35 384	45 452	24 844	31 910	19 410	17 859	28 663
Poultry and poultry products ..... farms, 1997	51	15	25	10	10	13	6	8
1992	49	21	46	12	9	16	13	18
$1,000, 1997	(D)	(D)	14	(D)	(D)	12	6	4
1992	9 339	3 162	422	(D)	2 061	74	(D)	77
Dairy products ..... farms, 1997	116	7	23	5	1	20	6	14
1992	148	10	37	8	8	26	10	30
$1,000, 1997	25 053	2 899	2 658	472	(D)	1 504	796	790
1992	17 515	2 020	1 920	668	255	921	675	2 243
Cattle and calves ..... farms, 1997	707	208	501	433	403	458	379	599
1992	887	214	582	463	460	445	394	699
$1,000, 1997	170 797	9 328	14 279	9 393	9 586	6 880	6 540	11 594
1992	200 399	9 761	18 800	12 600	13 895	7 679	7 363	13 991
Hogs and pigs ..... farms, 1997	729	148	184	86	65	84	65	96
1992	1 014	251	427	205	154	172	150	239
$1,000, 1997	172 676	22 180	24 048	9 229	7 834	9 338	8 145	7 811
1992	110 971	20 012	23 278	11 002	8 532	10 247	8 717	11 890
Sheep, lambs, and wool ..... farms, 1997	113	64	84	23	39	60	22	60
1992	129	96	119	47	57	100	45	75
$1,000, 1997	5 141	250	291	140	435	225	38	229
1992	6 154	255	635	200	(D)	211	(D)	138
Other livestock and livestock products (see text) ..... farms, 1997	30	41	42	17	22	32	24	73
1992	40	54	51	19	29	44	23	54
$1,000, 1997	(D)	(D)	264	(D)	196	326	104	872
1992	339	174	397	(D)	(D)	279	54	325
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	768	682	771	439	312	394	363	570
Vegetable and melon farming (1112)	1	10	6	1	–	1	2	6
Fruit and tree nut farming (1113)	–	4	–	1	–	3	2	8
Greenhouse, nursery, and floriculture production (1114)	4	13	4	2	5	5	9	16
Other crop farming (1119)	30	29	50	45	57	67	88	121
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	30	29	50	45	57	67	88	121
Beef cattle ranching and farming (112111)	146	34	130	176	200	220	222	310
Cattle feedlots (112112)	148	26	41	18	17	13	21	31
Dairy cattle and milk production (11212)	75	6	18	4	–	17	3	6
Hog and pig farming (1122)	465	80	72	26	35	39	28	40
Poultry and egg production (1123)	23	4	2	3	2	3	2	1
Sheep and goat farming (1124)	45	21	25	6	16	13	4	29
Animal aquaculture and other animal production (1125, 1129)	47	37	33	25	27	32	37	76

Table 2. **Market Value of Agricultural Products Sold and Farms by North American Industry Classification System: 1997 and 1992**—Con.

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

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Sales by commodity or commodity group—Con.								
Crops, including nursery and greenhouse crops—Con.								
Cotton and cottonseed ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Tobacco ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms, 1997	168	178	73	58	302	190	81	42
1992	188	191	81	68	384	172	110	61
$1,000, 1997	966	(D)	360	337	2 304	840	297	223
1992	697	1 007	365	168	2 789	684	371	(D)
Vegetables, sweet corn, and melons ..... farms, 1997	9	1	14	15	7	11	7	3
1992	6	3	12	17	7	12	16	5
$1,000, 1997	(D)	(D)	154	137	(D)	27	401	(D)
1992	9	1	136	397	3	55	462	(D)
Fruits, nuts, and berries ..... farms, 1997	2	–	2	4	1	4	2	–
1992	7	–	1	2	5	7	–	–
$1,000, 1997	(D)	–	(D)	2	(D)	(D)	(D)	–
1992	10	–	(D)	(D)	(D)	(D)	–	–
Nursery and greenhouse crops ..... farms, 1997	7	–	5	8	14	20	2	2
1992	4	–	3	5	3	16	4	–
$1,000, 1997	192	–	(D)	116	588	1 009	(D)	(D)
1992	(D)	–	(D)	(D)	(D)	1 007	(D)	–
Other crops ..... farms, 1997	4	–	2	–	3	1	4	–
1992	2	–	1	–	–	2	1	–
$1,000, 1997	8	–	(D)	–	19	(D)	(D)	–
1992	(D)	–	(D)	–	–	(D)	(D)	–
Livestock, poultry, and their products ..... farms, 1997	678	480	343	241	1 001	679	282	224
1992	829	539	448	318	1 234	777	391	337
$1,000, 1997	115 478	14 879	53 156	14 319	88 436	61 516	19 128	79 308
1992	88 059	18 117	37 677	15 647	102 796	89 099	24 625	22 786
Poultry and poultry products ..... farms, 1997	50	6	11	9	31	21	11	8
1992	55	2	16	18	32	17	24	19
$1,000, 1997	16 572	2	(D)	4	2 741	(D)	(D)	(D)
1992	10 573	(D)	(D)	27	2 956	1 288	4 440	(D)
Dairy products ..... farms, 1997	45	11	4	18	328	4	13	3
1992	46	8	5	26	465	7	12	5
$1,000, 1997	2 260	606	611	692	36 718	(D)	775	170
1992	1 987	428	590	1 180	37 432	314	552	229
Cattle and calves ..... farms, 1997	388	450	199	110	867	516	179	107
1992	419	470	202	117	1 010	511	198	138
$1,000, 1997	9 843	10 236	5 715	3 388	20 609	40 110	4 136	4 948
1992	12 483	10 706	4 627	2 288	29 136	63 531	6 682	6 728
Hogs and pigs ..... farms, 1997	395	50	146	133	321	205	111	101
1992	580	163	258	205	635	391	220	198
$1,000, 1997	86 359	3 679	27 265	10 134	27 754	20 502	9 499	67 360
1992	62 134	6 715	22 794	11 921	32 797	23 297	12 759	13 321
Sheep, lambs, and wool ..... farms, 1997	70	29	45	27	57	53	22	42
1992	114	48	55	56	76	96	52	61
$1,000, 1997	242	78	141	72	148	190	68	108
1992	671	176	118	125	190	271	124	111
Other livestock and livestock products (see text) ..... farms, 1997	49	30	25	15	42	46	17	20
1992	39	30	28	24	39	44	18	23
$1,000, 1997	202	278	(D)	28	465	250	(D)	(D)
1992	210	(D)	(D)	106	284	399	67	(D)
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	522	310	749	460	584	805	441	598
Vegetable and melon farming (1112)	2	1	6	3	1	7	3	–
Fruit and tree nut farming (1113)	6	–	1	3	1	7	–	–
Greenhouse, nursery, and floriculture production (1114)	2	–	4	7	11	15	1	1
Other crop farming (1119)	40	77	7	15	70	44	18	7
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	40	77	7	15	70	44	18	7
Beef cattle ranching and farming (112111)	81	259	48	27	220	185	33	18
Cattle feedlots (112112)	28	19	16	12	79	64	25	15
Dairy cattle and milk production (11212)	28	8	3	11	240	2	4	2
Hog and pig farming (1122)	287	21	76	46	144	114	59	47
Poultry and egg production (1123)	25	–	9	–	8	4	7	4
Sheep and goat farming (1124)	13	9	7	6	23	17	6	11
Animal aquaculture and other animal production (1125, 1129)	27	25	11	17	69	42	11	14

Table 3. **Farm Production Expenses: 1997 and 1992**

[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, 1997	90 786	791	573	959	797	649	1 209
	1992	96 532	892	643	999	827	740	1 325
	$1,000, 1997	8 405 838	59 677	35 262	55 806	21 014	86 803	113 156
	1992	7 744 947	58 027	31 960	70 856	22 603	75 554	122 153
Average per farm	dollars, 1997	92 590	75 445	61 540	58 192	26 366	133 749	93 595
	1992	80 232	65 053	49 705	70 926	27 331	102 100	92 191
Livestock and poultry purchased	farms, 1997	30 572	323	179	408	203	242	379
	1992	41 068	372	254	504	253	404	639
	$1,000, 1997	1 260 448	8 225	5 115	4 165	2 164	17 248	14 331
	1992	1 490 792	9 361	5 066	10 384	3 755	20 573	27 168
Feed for livestock and poultry	farms, 1997	46 733	485	334	636	453	399	592
	1992	58 661	637	417	797	545	539	833
	$1,000, 1997	1 585 107	11 584	5 101	12 962	2 619	16 411	13 392
	1992	1 317 636	8 444	5 194	17 152	3 117	11 377	21 212
Commercially mixed formula feeds	farms, 1997	27 617	248	152	374	199	253	307
	1992	27 260	343	151	468	190	273	397
	$1,000, 1997	854 175	6 835	2 058	4 584	1 119	6 833	6 550
	1992	540 402	3 206	2 416	8 720	403	4 024	6 832
Seeds, bulbs, plants, and trees	farms, 1997	68 732	617	378	670	412	536	918
	1992	78 194	740	480	774	435	594	1 097
	$1,000, 1997	488 961	3 354	2 401	2 474	1 256	5 081	7 491
	1992	386 488	3 367	1 539	2 447	1 114	3 227	5 187
Commercial fertilizer	farms, 1997	65 626	616	376	599	440	495	800
	1992	74 421	682	459	765	523	589	1 051
	$1,000, 1997	636 785	5 031	2 809	3 337	1 819	5 723	10 094
	1992	578 142	4 781	2 722	3 790	2 366	4 925	9 073
Agricultural chemicals	farms, 1997	64 489	591	385	572	405	501	881
	1992	77 540	775	502	795	497	579	1 136
	$1,000, 1997	521 566	4 082	2 579	2 215	1 221	5 305	9 034
	1992	424 136	4 048	1 749	2 020	1 029	3 667	6 677
Petroleum products	farms, 1997	84 456	727	491	838	732	608	1 165
	1992	92 977	863	579	960	765	690	1 311
	$1,000, 1997	350 799	2 311	1 905	2 953	1 224	2 915	5 089
	1992	379 607	2 972	2 013	3 490	1 435	3 250	4 956
Gasoline and gasohol	farms, 1997	70 591	608	397	718	566	536	982
	1992	80 272	703	530	891	673	613	1 195
	$1,000, 1997	83 552	581	515	715	362	861	1 335
	1992	100 847	892	581	1 038	579	836	1 507
Diesel fuel	farms, 1997	65 871	612	388	622	560	471	862
	1992	69 087	643	427	732	475	531	1 014
	$1,000, 1997	151 144	1 181	962	1 260	540	1 203	2 124
	1992	153 501	1 231	874	1 427	549	1 382	1 832
Natural gas	farms, 1997	4 094	10	10	30	29	23	60
	1992	4 330	29	23	19	32	51	79
	$1,000, 1997	9 805	10	14	67	59	47	223
	1992	9 423	44	17	39	55	101	153
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1997	71 329	622	402	678	584	545	954
	1992	80 623	715	506	835	541	614	1 161
	$1,000, 1997	106 298	539	413	911	263	804	1 408
	1992	115 836	805	541	986	252	931	1 463
Electricity	farms, 1997	73 232	702	417	775	575	582	983
	1992	81 860	723	563	942	637	684	1 184
	$1,000, 1997	127 679	1 067	670	1 544	421	1 398	1 761
	1992	133 955	1 077	744	1 817	348	1 348	1 821
Hired farm labor	farms, 1997	33 016	266	198	323	212	289	476
	1992	36 520	259	159	421	187	245	535
	$1,000, 1997	316 779	2 375	1 540	2 470	488	2 496	4 100
	1992	259 210	1 391	729	2 100	476	1 849	3 229
Contract labor	farms, 1997	6 152	34	28	53	60	51	51
	1992	7 275	103	40	75	38	92	137
	$1,000, 1997	24 905	74	82	85	132	134	183
	1992	19 833	356	81	126	58	278	286
Repair and maintenance	farms, 1997	78 128	667	456	870	632	570	1 014
	1992	86 413	797	555	896	731	706	1 208
	$1,000, 1997	504 525	3 831	3 115	5 209	2 854	4 675	7 252
	1992	485 479	4 541	2 313	5 290	2 079	4 502	6 896
Customwork, machine hire, and rental of machinery and equipment	farms, 1997	43 788	388	218	488	260	356	499
	1992	48 890	445	311	546	317	427	683
	$1,000, 1997	168 101	1 151	688	1 569	310	1 345	3 075
	1992	141 975	1 330	664	1 828	523	985	1 570
Interest	farms, 1997	55 257	464	286	605	344	449	768
	1992	61 909	586	384	687	407	519	926
	$1,000, 1997	600 284	4 468	2 500	5 063	1 739	5 924	8 910
	1992	593 994	5 182	2 795	6 458	2 137	5 950	8 286
Interest paid on debt: Secured by real estate	farms, 1997	36 993	348	192	382	267	347	507
	1992	41 104	376	329	433	298	348	612
	$1,000, 1997	347 061	2 596	1 642	3 117	1 051	3 899	5 144
	1992	357 920	2 990	2 033	3 804	1 478	3 645	5 483
Not secured by real estate	farms, 1997	36 242	312	178	401	152	304	544
	1992	41 501	443	223	433	263	372	580
	$1,000, 1997	253 223	1 872	859	1 946	688	2 025	3 767
	1992	236 074	2 192	762	2 654	659	2 305	2 803
Cash rent	farms, 1997	36 892	261	161	319	125	293	568
	1992	38 795	292	230	349	154	349	625
	$1,000, 1997	866 955	3 711	2 201	2 885	1 172	9 392	15 290
	1992	677 490	3 168	1 967	3 841	527	6 397	12 751
Property taxes paid	farms, 1997	79 236	746	528	888	748	588	1 051
	1992	81 786	781	606	927	773	661	1 104
	$1,000, 1997	242 120	2 424	1 754	2 564	1 402	2 140	3 422
	1992	240 832	2 515	1 200	2 684	1 335	2 383	3 494
All other farm production expenses	farms, 1997	85 922	765	506	912	724	615	1 119
	1992	93 438	861	619	977	791	725	1 272
	$1,000, 1997	710 824	5 988	2 801	6 310	2 193	6 616	9 732
	1992	615 377	5 495	3 184	7 428	2 303	4 845	9 547

Table 3. **Farm Production Expenses: 1997 and 1992** —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, 1997..	1 001	863	981	1 135	866	1 085	792
1992..	1 110	922	1 058	1 194	973	1 146	899
$1,000, 1997..	89 869	78 305	68 032	99 416	139 583	92 343	91 209
1992..	90 781	70 276	69 576	93 014	115 294	88 432	77 260
Average per farm ..... dollars, 1997..	89 779	90 736	69 350	87 591	161 181	85 109	115 163
1992..	81 785	76 222	65 762	77 901	118 493	77 165	85 940
Livestock and poultry purchased ..... farms, 1997..	308	236	378	495	323	437	207
1992..	442	305	490	612	427	555	345
$1,000, 1997..	9 397	8 866	7 207	11 338	30 501	13 930	15 761
1992..	10 317	11 707	6 298	10 935	26 264	12 520	13 210
Feed for livestock and poultry ..... farms, 1997..	441	399	540	575	445	583	259
1992..	522	385	621	743	469	785	419
$1,000, 1997..	15 915	9 959	8 964	16 382	39 360	13 830	13 310
1992..	12 912	9 520	10 503	13 208	28 064	15 604	10 795
Commercially mixed formula feeds ..... farms, 1997..	314	230	354	356	308	329	162
1992..	210	161	315	316	238	375	205
$1,000, 1997..	8 958	4 561	4 875	8 218	26 122	8 784	6 880
1992..	5 672	3 848	5 021	5 115	18 267	6 232	5 233
Seeds, bulbs, plants, and trees ..... farms, 1997..	793	650	738	908	711	835	724
1992..	928	788	881	1 007	903	905	812
$1,000, 1997..	5 567	6 370	4 433	6 234	6 219	6 156	6 065
1992..	5 276	4 508	4 065	5 522	4 922	4 840	5 128
Commercial fertilizer ..... farms, 1997..	783	648	743	888	713	806	722
1992..	902	783	850	959	877	854	764
$1,000, 1997..	6 996	7 217	5 966	8 031	7 828	7 789	9 013
1992..	7 799	6 173	6 356	8 616	7 251	6 162	7 804
Agricultural chemicals ..... farms, 1997..	756	638	726	893	710	783	684
1992..	903	767	889	1 002	852	882	739
$1,000, 1997..	6 591	6 488	5 099	7 302	6 806	7 130	6 478
1992..	5 705	4 631	4 232	5 948	5 535	5 793	5 552
Petroleum products ..... farms, 1997..	970	818	929	1 095	809	973	746
1992..	1 103	901	1 057	1 177	942	1 131	855
$1,000, 1997..	3 893	3 136	3 280	4 581	4 749	3 675	4 194
1992..	4 701	3 372	3 832	5 184	4 402	4 949	3 957
Gasoline and gasohol ..... farms, 1997..	855	633	766	965	625	852	600
1992..	884	806	916	1 004	821	1 007	677
$1,000, 1997..	849	733	633	822	908	694	1 017
1992..	934	882	867	1 085	999	1 151	934
Diesel fuel ..... farms, 1997..	729	597	700	886	721	768	630
1992..	815	673	798	865	788	757	696
$1,000, 1997..	1 399	1 515	1 303	1 730	1 925	1 390	1 985
1992..	1 626	1 539	1 356	1 726	1 897	1 652	2 044
Natural gas ..... farms, 1997..	59	39	88	59	54	70	51
1992..	92	84	69	48	57	56	39
$1,000, 1997..	231	118	165	69	309	69	62
1992..	516	216	196	96	165	78	84
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms, 1997..	827	659	790	933	762	862	650
1992..	968	765	920	1 026	822	998	779
$1,000, 1997..	1 414	770	1 178	1 961	1 607	1 522	1 130
1992..	1 626	734	1 413	2 277	1 340	2 068	895
Electricity ..... farms, 1997..	827	720	862	899	736	822	666
1992..	928	714	833	968	803	1 005	788
$1,000, 1997..	1 087	1 109	1 242	1 519	1 526	1 402	1 179
1992..	1 339	1 037	1 400	1 840	1 659	1 656	1 108
Hired farm labor ..... farms, 1997..	340	356	413	549	418	405	375
1992..	398	370	443	552	435	435	367
$1,000, 1997..	4 672	4 595	2 397	4 442	4 647	2 694	2 414
1992..	4 533	2 973	2 235	4 499	3 562	2 894	1 525
Contract labor ..... farms, 1997..	71	71	36	39	97	78	31
1992..	90	61	71	74	50	86	67
$1,000, 1997..	274	377	117	81	455	242	52
1992..	171	88	110	133	178	528	129
Repair and maintenance ..... farms, 1997..	908	799	900	1 021	793	892	677
1992..	1 006	808	967	1 100	862	1 044	824
$1,000, 1997..	5 474	5 093	4 795	6 247	7 149	4 770	5 534
1992..	5 745	4 436	4 808	6 556	6 409	5 005	4 960
Customwork, machine hire, and rental of machinery and equipment ..... farms, 1997..	508	377	561	567	488	485	418
1992..	520	468	497	603	521	625	495
$1,000, 1997..	1 721	1 716	1 412	1 899	1 528	1 482	2 523
1992..	1 618	1 861	1 310	1 472	2 077	1 281	1 138
Interest ..... farms, 1997..	610	480	636	724	561	671	580
1992..	636	553	734	754	634	782	693
$1,000, 1997..	6 053	4 286	5 611	7 381	6 972	6 749	6 906
1992..	7 019	5 148	6 939	7 753	6 616	7 783	6 835
Interest paid on debt: Secured by real estate ..... farms, 1997..	438	279	397	490	300	423	376
1992..	424	349	505	551	366	516	447
$1,000, 1997..	3 720	2 492	3 578	4 832	3 358	3 880	4 250
1992..	4 304	3 186	4 521	5 080	3 956	4 446	4 384
Not secured by real estate ..... farms, 1997..	382	329	408	478	423	434	355
1992..	433	373	486	451	474	582	465
$1,000, 1997..	2 333	1 794	2 033	2 549	3 614	2 868	2 657
1992..	2 716	1 962	2 418	2 673	2 660	3 337	2 451
Cash rent ..... farms, 1997..	448	370	429	521	441	483	324
1992..	484	324	562	532	444	557	381
$1,000, 1997..	12 041	9 812	9 487	12 124	10 924	12 731	7 954
1992..	13 600	6 473	8 991	10 145	6 696	10 678	6 043
Property taxes paid ..... farms, 1997..	930	746	874	956	667	917	689
1992..	923	755	889	995	762	942	751
$1,000, 1997..	3 054	2 278	2 372	3 350	2 319	2 754	2 089
1992..	3 294	2 431	2 551	3 452	2 654	2 543	2 318
All other farm production expenses ..... farms, 1997..	967	824	932	1 068	842	1 027	766
1992..	1 099	896	1 020	1 162	948	1 120	899
$1,000, 1997..	7 134	7 005	5 651	8 506	8 602	7 009	7 737
1992..	6 751	5 919	5 947	7 748	9 004	6 196	6 758

Table 3. **Farm Production Expenses: 1997 and 1992** —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, 1997	1 102	804	964	822	889	927	678
	1992	1 196	906	1 100	821	978	1 007	680
	$1,000, 1997	163 900	69 525	90 267	85 779	102 162	88 106	34 199
	1992	147 876	73 127	98 022	73 539	93 678	81 274	22 362
Average per farm	dollars, 1997	148 730	86 474	93 638	104 353	114 918	95 044	50 441
	1992	123 642	80 714	89 111	89 573	95 785	80 709	32 886
Livestock and poultry purchased	farms, 1997	472	259	370	198	366	320	209
	1992	530	377	453	280	490	506	308
	$1,000, 1997	47 511	13 794	11 172	6 982	19 399	14 696	3 709
	1992	55 385	16 773	13 531	5 268	22 122	16 626	3 554
Feed for livestock and poultry	farms, 1997	626	451	466	292	541	481	410
	1992	754	602	669	384	653	639	511
	$1,000, 1997	36 116	8 163	11 507	11 438	18 179	14 892	8 987
	1992	29 571	8 811	15 802	8 478	14 622	11 995	3 460
Commercially mixed formula feeds	farms, 1997	347	301	321	201	242	278	236
	1992	359	308	300	175	400	282	162
	$1,000, 1997	11 112	4 545	6 388	7 826	6 587	5 980	7 375
	1992	7 766	4 330	6 233	3 129	6 968	4 301	1 625
Seeds, bulbs, plants, and trees	farms, 1997	924	661	731	648	765	707	440
	1992	1 035	802	931	698	838	776	386
	$1,000, 1997	6 823	4 293	6 331	6 580	5 348	5 159	1 369
	1992	4 658	3 943	5 324	5 027	4 414	4 282	827
Commercial fertilizer	farms, 1997	902	644	708	608	704	661	407
	1992	972	721	869	647	784	772	391
	$1,000, 1997	8 042	5 051	7 538	8 026	6 882	6 543	1 473
	1992	6 925	5 828	7 738	7 259	6 145	6 289	1 383
Agricultural chemicals	farms, 1997	872	627	717	606	700	630	429
	1992	1 024	772	950	701	840	760	373
	$1,000, 1997	7 467	4 858	6 705	6 142	6 008	5 608	1 301
	1992	4 886	4 987	6 380	5 564	4 656	4 630	1 110
Petroleum products	farms, 1997	1 053	784	888	746	852	914	634
	1992	1 140	870	1 080	772	957	935	680
	$1,000, 1997	5 052	2 686	4 200	4 253	3 827	4 076	1 295
	1992	4 874	3 675	5 509	4 926	4 581	4 185	1 466
Gasoline and gasohol	farms, 1997	895	686	762	630	684	819	521
	1992	1 056	734	963	661	818	864	567
	$1,000, 1997	1 240	675	873	719	913	856	386
	1992	1 543	956	1 280	1 051	1 152	1 066	612
Diesel fuel	farms, 1997	926	536	741	605	712	629	471
	1992	895	636	845	612	771	617	417
	$1,000, 1997	2 445	1 358	1 603	1 683	1 860	1 426	563
	1992	2 048	1 523	2 063	1 821	1 740	1 426	568
Natural gas	farms, 1997	61	5	28	65	94	16	17
	1992	69	26	12	43	102	31	12
	$1,000, 1997	119	22	81	376	165	48	31
	1992	102	50	54	68	263	67	16
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1997	998	685	754	677	752	729	467
	1992	1 024	770	980	702	823	834	592
	$1,000, 1997	1 248	632	1 643	1 475	889	1 746	316
	1992	1 180	1 146	2 112	1 985	1 427	1 627	270
Electricity	farms, 1997	982	670	809	680	786	786	517
	1992	1 070	792	971	662	799	866	555
	$1,000, 1997	1 978	936	1 494	1 296	1 384	1 496	574
	1992	2 064	1 232	1 888	1 163	1 580	1 422	468
Hired farm labor	farms, 1997	520	243	360	326	419	384	257
	1992	537	335	360	338	370	432	132
	$1,000, 1997	3 810	2 029	3 714	3 980	3 379	2 915	1 552
	1992	2 722	2 181	3 538	3 564	2 733	2 226	560
Contract labor	farms, 1997	128	47	71	45	48	62	63
	1992	129	77	75	47	77	49	41
	$1,000, 1997	324	131	579	310	210	382	159
	1992	280	98	284	83	330	174	91
Repair and maintenance	farms, 1997	998	723	767	709	804	792	559
	1992	1 111	817	964	746	885	913	560
	$1,000, 1997	8 050	4 313	5 603	4 932	6 003	5 032	1 963
	1992	6 971	4 755	5 890	4 774	5 872	5 179	1 760
Customwork, machine hire, and rental of machinery and equipment	farms, 1997	579	457	466	312	400	451	276
	1992	592	540	583	486	506	488	225
	$1,000, 1997	1 834	1 796	2 400	1 980	1 968	1 762	2 287
	1992	1 731	1 308	1 846	1 987	1 320	1 845	308
Interest	farms, 1997	788	527	576	503	610	576	395
	1992	836	637	767	526	635	670	367
	$1,000, 1997	9 814	5 449	6 840	4 903	7 220	5 914	2 751
	1992	7 213	5 200	8 348	5 154	6 756	7 011	2 189
Interest paid on debt: Secured by real estate	farms, 1997	444	337	396	288	379	393	295
	1992	480	347	524	341	405	492	248
	$1,000, 1997	4 676	2 811	4 022	2 387	4 474	3 232	1 590
	1992	3 401	2 853	5 163	2 810	4 034	4 549	1 487
Not secured by real estate	farms, 1997	521	414	390	365	401	382	212
	1992	616	489	482	359	471	379	234
	$1,000, 1997	5 138	2 638	2 818	2 516	2 745	2 682	1 161
	1992	3 811	2 347	3 185	2 344	2 722	2 463	701
Cash rent	farms, 1997	513	397	426	435	502	420	179
	1992	635	387	468	433	552	403	185
	$1,000, 1997	13 234	8 033	11 026	14 552	10 892	9 661	1 131
	1992	8 890	6 102	10 759	11 167	8 375	6 516	1 579
Property taxes paid	farms, 1997	921	708	790	653	752	834	636
	1992	949	704	910	691	772	917	580
	$1,000, 1997	3 054	2 292	3 301	2 412	2 504	2 356	1 865
	1992	2 628	2 400	3 398	2 526	2 151	2 835	1 330
All other farm production expenses	farms, 1997	1 082	755	930	775	837	872	640
	1992	1 161	867	1 060	797	976	963	635
	$1,000, 1997	10 793	5 702	7 859	7 994	8 959	7 614	3 783
	1992	9 079	5 832	7 787	6 600	8 023	6 057	2 279

Table 3. **Farm Production Expenses: 1997 and 1992** —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, 1997	668	1 639	1 266	1 108	917	883	732
	1992	770	1 616	1 362	1 259	942	892	649
	$1,000, 1997	78 303	123 749	112 528	106 846	71 377	44 889	39 938
	1992	77 073	116 768	112 873	99 658	58 265	30 796	33 070
Average per farm	dollars, 1997	117 220	75 503	88 884	96 432	77 838	50 836	54 561
	1992	100 095	72 257	82 873	79 156	61 853	34 525	50 955
Livestock and poultry purchased	farms, 1997	200	618	578	427	223	364	185
	1992	345	780	692	553	251	365	194
	$1,000, 1997	10 639	10 967	20 182	20 794	6 778	5 199	6 445
	1992	13 510	14 420	29 759	22 105	6 288	3 977	9 688
Feed for livestock and poultry	farms, 1997	341	1 055	724	649	403	581	426
	1992	457	1 251	933	852	444	642	435
	$1,000, 1997	12 665	30 705	14 081	14 226	7 903	14 224	12 860
	1992	11 981	28 451	14 301	14 966	5 245	6 433	6 993
Commercially mixed formula feeds	farms, 1997	189	774	347	380	241	379	179
	1992	204	827	397	330	199	245	146
	$1,000, 1997	6 293	17 679	5 741	6 841	4 488	9 944	1 905
	1992	5 650	11 548	4 501	4 677	2 810	2 414	1 267
Seeds, bulbs, plants, and trees	farms, 1997	598	1 177	993	853	653	502	361
	1992	673	1 275	1 134	983	725	579	356
	$1,000, 1997	5 160	6 383	7 046	6 349	4 990	1 373	1 168
	1992	4 093	4 639	4 794	4 746	3 938	1 183	855
Commercial fertilizer	farms, 1997	560	1 045	916	821	575	543	384
	1992	657	1 190	1 092	985	696	585	346
	$1,000, 1997	6 609	7 499	9 800	8 949	6 018	2 457	1 779
	1992	5 632	7 326	9 091	8 295	5 700	2 142	1 537
Agricultural chemicals	farms, 1997	532	1 081	965	842	620	461	325
	1992	656	1 334	1 174	1 004	760	552	377
	$1,000, 1997	4 751	5 609	7 207	7 564	5 064	1 639	1 136
	1992	4 463	4 405	5 866	5 367	4 653	1 399	900
Petroleum products	farms, 1997	643	1 537	1 177	1 017	866	810	680
	1992	760	1 566	1 316	1 212	935	843	566
	$1,000, 1997	3 229	6 048	4 730	4 143	3 113	2 154	1 535
	1992	3 768	6 109	5 144	4 331	3 086	1 690	1 552
Gasoline and gasohol	farms, 1997	545	1 385	998	807	708	685	510
	1992	678	1 464	1 132	975	756	726	523
	$1,000, 1997	756	1 470	1 221	903	787	564	542
	1992	863	1 903	1 327	1 125	777	636	615
Diesel fuel	farms, 1997	539	1 157	903	862	581	522	459
	1992	619	1 112	1 015	980	612	495	383
	$1,000, 1997	1 401	2 249	1 955	1 908	1 358	792	678
	1992	1 648	2 085	2 000	2 020	1 473	630	653
Natural gas	farms, 1997	15	87	53	98	60	33	27
	1992	30	63	37	77	59	7	26
	$1,000, 1997	96	184	121	278	329	41	41
	1992	60	159	38	109	80	8	36
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1997	603	1 292	962	858	687	606	504
	1992	642	1 309	1 213	968	751	660	447
	$1,000, 1997	976	2 145	1 433	1 053	638	757	275
	1992	1 197	1 962	1 779	1 077	756	416	248
Electricity	farms, 1997	609	1 385	957	904	611	630	483
	1992	657	1 325	1 171	1 023	749	638	429
	$1,000, 1997	1 238	3 101	1 434	1 615	880	776	524
	1992	1 184	2 909	1 847	1 701	1 011	698	432
Hired farm labor	farms, 1997	306	624	521	383	319	276	166
	1992	351	739	569	492	333	276	160
	$1,000, 1997	3 252	5 379	2 853	3 333	6 423	1 933	1 237
	1992	3 764	4 345	3 178	2 613	3 790	1 014	1 329
Contract labor	farms, 1997	38	112	68	55	59	73	78
	1992	65	120	71	78	88	53	39
	$1,000, 1997	360	310	242	148	1 841	148	131
	1992	439	237	100	301	537	65	101
Repair and maintenance	farms, 1997	630	1 348	1 113	968	740	786	595
	1992	689	1 464	1 226	1 126	805	785	520
	$1,000, 1997	4 805	8 765	6 457	6 810	5 268	3 406	2 313
	1992	4 543	8 298	6 037	5 541	4 359	2 528	1 961
Customwork, machine hire, and rental of machinery and equipment	farms, 1997	335	939	590	559	357	390	278
	1992	431	919	704	632	410	358	258
	$1,000, 1997	1 629	2 723	2 425	2 147	1 571	623	586
	1992	1 880	2 625	1 875	1 480	1 215	508	482
Interest	farms, 1997	447	1 081	789	672	494	530	337
	1992	566	1 079	921	864	519	464	359
	$1,000, 1997	5 476	10 840	8 268	7 906	4 509	2 824	2 815
	1992	6 685	10 826	9 448	7 932	5 058	2 606	2 184
Interest paid on debt: Secured by real estate	farms, 1997	314	798	564	421	344	398	253
	1992	367	757	633	554	353	357	281
	$1,000, 1997	3 123	7 049	5 082	4 246	2 537	1 955	1 916
	1992	3 747	7 529	6 267	4 317	3 290	1 919	1 350
Not secured by real estate	farms, 1997	291	654	516	523	273	302	143
	1992	428	659	573	634	302	228	160
	$1,000, 1997	2 353	3 791	3 186	3 660	1 972	869	899
	1992	2 939	3 298	3 181	3 616	1 768	687	833
Cash rent	farms, 1997	347	546	576	460	346	164	183
	1992	338	500	609	565	343	184	182
	$1,000, 1997	9 343	7 383	17 203	11 917	7 279	1 691	1 518
	1992	6 113	5 654	10 774	9 128	5 671	795	1 012
Property taxes paid	farms, 1997	568	1 489	1 086	960	789	836	686
	1992	671	1 467	1 123	1 072	809	868	588
	$1,000, 1997	1 830	4 537	3 086	3 205	2 717	1 881	1 464
	1992	1 986	4 737	3 159	3 296	2 634	1 975	1 460
All other farm production expenses	farms, 1997	655	1 548	1 230	1 069	817	827	666
	1992	763	1 573	1 326	1 208	904	844	596
	$1,000, 1997	7 319	13 500	7 514	7 739	7 024	4 559	4 426
	1992	7 033	11 788	7 501	7 855	5 082	3 784	2 583

Table 3. **Farm Production Expenses: 1997 and 1992** —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, 1997	1 279	652	512	1 578	519	1 295	852	859
	1992	1 366	680	554	1 652	557	1 416	882	929
	$1,000, 1997	137 908	49 248	55 804	127 281	58 017	126 410	84 177	139 062
	1992	141 535	36 826	55 928	140 395	45 528	117 906	69 776	93 923
Average per farm	dollars, 1997	107 825	75 534	108 993	80 659	111 787	97 614	98 799	161 888
	1992	103 613	54 156	100 953	84 985	81 738	83 267	79 111	101 101
Livestock and poultry purchased	farms, 1997	668	188	149	690	152	489	285	286
	1992	875	136	189	882	160	705	359	349
	$1,000, 1997	19 576	6 393	12 208	19 749	11 182	17 410	7 799	18 735
	1992	24 670	2 442	16 149	29 206	8 948	16 584	10 520	14 017
Feed for livestock and poultry	farms, 1997	906	281	204	1 118	199	696	394	434
	1992	1 110	325	229	1 349	225	924	469	515
	$1,000, 1997	35 633	7 380	8 961	33 334	9 978	23 751	6 865	47 363
	1992	37 911	4 656	8 397	38 891	4 093	22 067	8 367	16 212
Commercially mixed formula feeds	farms, 1997	585	180	149	672	157	474	182	232
	1992	661	127	133	722	103	500	204	248
	$1,000, 1997	13 290	2 648	3 185	14 629	6 196	14 069	2 529	37 236
	1992	14 628	1 919	2 881	15 493	1 224	9 313	3 029	7 149
Seeds, bulbs, plants, and trees	farms, 1997	1 102	516	386	1 147	422	1 028	654	748
	1992	1 100	567	490	1 416	492	1 182	739	766
	$1,000, 1997	5 603	3 480	3 382	4 511	3 492	6 928	6 001	6 561
	1992	4 862	2 581	2 875	3 785	2 879	5 649	4 518	5 270
Commercial fertilizer	farms, 1997	987	479	368	1 075	403	998	627	700
	1992	1 037	527	443	1 327	450	1 132	700	766
	$1,000, 1997	8 860	5 184	4 444	6 845	5 165	10 331	7 998	9 374
	1992	7 775	3 929	4 517	7 149	4 486	10 020	6 155	7 251
Agricultural chemicals	farms, 1997	982	476	351	1 034	384	967	628	658
	1992	1 172	581	465	1 336	452	1 206	687	768
	$1,000, 1997	5 767	3 098	3 244	3 395	3 214	7 712	6 412	7 521
	1992	4 628	2 654	2 655	3 053	2 766	6 216	4 462	5 726
Petroleum products	farms, 1997	1 210	620	492	1 430	470	1 208	794	809
	1992	1 328	641	533	1 611	534	1 377	852	925
	$1,000, 1997	6 250	2 480	2 123	5 829	2 224	6 059	3 940	4 247
	1992	6 899	2 016	2 467	5 804	3 042	6 025	4 097	5 093
Gasoline and gasohol	farms, 1997	1 009	464	392	1 242	432	1 038	703	733
	1992	1 181	551	466	1 447	476	1 185	739	769
	$1,000, 1997	1 421	693	580	1 620	512	1 467	821	862
	1992	1 967	541	679	2 067	854	1 429	1 001	1 082
Diesel fuel	farms, 1997	1 009	467	385	1 125	371	981	576	628
	1992	1 030	479	427	1 151	442	1 027	612	699
	$1,000, 1997	2 115	1 084	962	2 211	1 047	2 362	1 420	1 947
	1992	2 218	898	1 088	2 039	1 117	2 230	1 351	1 950
Natural gas	farms, 1997	83	26	41	112	34	56	29	47
	1992	77	12	13	65	28	48	69	48
	$1,000, 1997	200	40	85	203	109	123	228	68
	1992	216	25	37	149	42	148	135	131
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1997	1 077	522	420	1 283	403	1 090	700	762
	1992	1 214	542	465	1 514	484	1 245	755	878
	$1,000, 1997	2 514	663	495	1 795	556	2 108	1 470	1 370
	1992	2 498	553	663	1 548	1 030	2 219	1 611	1 930
Electricity	farms, 1997	1 131	486	412	1 367	450	1 087	712	754
	1992	1 227	555	500	1 545	457	1 250	712	811
	$1,000, 1997	3 336	730	726	2 854	822	2 524	1 380	1 573
	1992	3 248	594	729	3 554	737	2 710	1 144	1 530
Hired farm labor	farms, 1997	545	194	182	558	189	597	404	393
	1992	615	207	205	703	274	660	357	317
	$1,000, 1997	3 265	1 106	895	3 961	1 809	5 608	5 438	3 601
	1992	3 714	1 222	1 621	3 625	1 528	5 104	3 206	3 029
Contract labor	farms, 1997	79	37	22	73	41	126	63	67
	1992	113	29	21	90	46	113	82	34
	$1,000, 1997	260	101	52	123	79	310	332	177
	1992	265	80	87	166	164	366	129	370
Repair and maintenance	farms, 1997	1 138	530	448	1 385	460	1 092	749	755
	1992	1 250	627	499	1 541	502	1 259	761	841
	$1,000, 1997	9 314	3 145	3 326	9 438	3 559	8 910	5 429	5 763
	1992	9 206	3 161	3 035	9 855	2 823	8 137	4 735	4 976
Customwork, machine hire, and rental of machinery and equipment	farms, 1997	688	333	249	921	251	679	496	481
	1992	773	306	289	927	239	779	422	443
	$1,000, 1997	2 344	993	1 378	2 893	848	2 027	2 871	2 612
	1992	1 964	811	1 345	2 377	714	2 127	1 004	1 668
Interest	farms, 1997	872	332	301	970	328	871	619	572
	1992	938	370	342	1 011	340	885	564	701
	$1,000, 1997	11 354	3 583	3 541	9 876	3 761	9 670	6 585	6 986
	1992	11 660	3 255	3 955	9 517	3 178	9 087	5 314	7 000
Interest paid on debt: Secured by real estate	farms, 1997	613	198	213	669	205	550	386	420
	1992	651	254	204	673	156	611	375	401
	$1,000, 1997	7 281	2 010	2 103	6 198	2 056	5 843	3 582	4 547
	1992	7 990	2 083	2 217	6 137	1 402	6 002	3 232	4 087
Not secured by real estate	farms, 1997	557	243	208	548	231	640	428	408
	1992	630	237	267	555	291	603	435	520
	$1,000, 1997	4 073	1 573	1 438	3 678	1 706	3 827	3 002	2 439
	1992	3 670	1 172	1 737	3 379	1 777	3 085	2 082	2 913
Cash rent	farms, 1997	452	222	252	525	258	563	417	478
	1992	540	197	221	524	268	582	397	496
	$1,000, 1997	9 490	5 587	5 502	8 063	5 884	12 520	13 356	13 699
	1992	7 867	4 592	3 405	6 819	6 303	9 596	8 043	11 764
Property taxes paid	farms, 1997	1 094	593	437	1 356	451	1 071	759	753
	1992	1 114	607	463	1 393	418	1 177	680	764
	$1,000, 1997	3 766	1 639	1 242	3 961	1 673	3 520	2 376	2 831
	1992	4 173	1 803	1 213	4 365	1 282	4 181	2 312	2 607
All other farm production expenses	farms, 1997	1 246	609	475	1 492	503	1 249	809	850
	1992	1 351	642	548	1 630	537	1 370	852	929
	$1,000, 1997	13 089	4 349	4 779	12 449	4 327	9 129	7 394	8 019
	1992	12 693	3 030	3 479	12 232	2 585	10 038	5 770	7 410

Table 3. **Farm Production Expenses: 1997 and 1992** —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, 1997	567	763	753	846	789	849	856	876
	1992	597	851	854	946	875	939	986	919
	$1,000, 1997	55 616	75 837	103 246	71 093	158 228	98 495	150 236	73 412
	1992	55 894	68 540	100 818	63 319	108 917	85 195	110 546	71 287
Average per farm	dollars, 1997	98 088	99 394	137 113	84 034	200 542	116 013	175 509	83 804
	1992	93 625	80 540	118 054	66 933	124 477	90 730	112 115	77 570
Livestock and poultry purchased	farms, 1997	118	230	245	264	233	242	293	198
	1992	184	248	347	334	257	410	381	307
	$1,000, 1997	10 038	10 841	12 099	7 617	25 054	10 074	20 961	7 601
	1992	11 995	9 306	21 282	9 015	13 030	12 254	17 979	11 541
Feed for livestock and poultry	farms, 1997	211	303	345	442	310	291	478	355
	1992	333	432	472	579	399	523	537	428
	$1,000, 1997	3 521	7 668	16 820	16 122	51 279	18 099	47 795	7 747
	1992	5 127	6 453	14 939	11 558	27 414	13 244	24 775	5 709
Commercially mixed formula feeds	farms, 1997	117	219	219	200	251	152	307	149
	1992	132	196	199	230	161	251	243	191
	$1,000, 1997	1 256	3 536	9 240	1 922	38 893	12 275	35 757	4 025
	1992	834	3 005	4 198	6 183	16 468	6 652	15 453	2 108
Seeds, bulbs, plants, and trees	farms, 1997	479	678	682	596	674	742	691	680
	1992	492	742	720	734	770	840	844	794
	$1,000, 1997	4 506	6 129	5 911	3 554	6 452	6 737	6 288	5 845
	1992	3 206	4 986	4 519	3 204	5 337	5 239	4 954	5 031
Commercial fertilizer	farms, 1997	423	635	623	582	640	704	660	698
	1992	528	727	672	710	712	781	794	780
	$1,000, 1997	4 993	8 207	8 124	4 639	7 782	8 596	7 270	7 998
	1992	5 181	7 327	6 952	5 830	6 179	6 581	7 007	7 755
Agricultural chemicals	farms, 1997	449	648	630	587	615	644	660	660
	1992	506	723	716	712	739	821	853	774
	$1,000, 1997	5 654	6 314	8 508	4 173	7 503	6 484	6 768	6 027
	1992	4 405	5 359	6 958	3 795	6 407	5 421	6 513	6 095
Petroleum products	farms, 1997	516	736	728	774	761	841	830	807
	1992	565	841	830	899	857	922	984	864
	$1,000, 1997	2 415	2 899	3 592	2 966	4 703	4 501	4 182	3 264
	1992	2 862	3 742	3 892	3 178	5 231	5 323	5 072	4 136
Gasoline and gasohol	farms, 1997	379	660	587	606	645	751	661	644
	1992	498	729	720	814	681	821	794	704
	$1,000, 1997	716	849	692	729	870	918	847	955
	1992	780	1 025	964	1 012	942	1 110	1 046	1 138
Diesel fuel	farms, 1997	428	626	611	664	627	697	689	638
	1992	463	687	666	598	716	787	780	705
	$1,000, 1997	1 286	1 460	1 512	1 494	1 872	1 904	1 782	1 768
	1992	1 432	1 868	1 547	1 279	2 224	2 212	2 105	2 306
Natural gas	farms, 1997	9	34	58	46	42	46	56	20
	1992	30	17	47	48	37	40	30	25
	$1,000, 1997	34	23	82	69	65	89	68	28
	1992	25	22	158	83	79	73	118	34
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1997	454	639	604	651	662	757	767	652
	1992	501	738	725	760	788	848	869	703
	$1,000, 1997	379	567	1 305	673	1 897	1 589	1 485	514
	1992	626	827	1 223	804	1 985	1 927	1 804	658
Electricity	farms, 1997	448	598	638	642	616	758	684	760
	1992	508	726	754	764	758	863	835	765
	$1,000, 1997	704	940	1 154	1 293	1 943	1 539	1 708	1 219
	1992	800	1 052	1 161	1 547	1 747	1 611	1 746	1 487
Hired farm labor	farms, 1997	268	314	307	264	356	409	371	254
	1992	282	388	328	367	397	464	411	360
	$1,000, 1997	3 601	2 666	4 105	3 649	9 304	3 523	6 084	3 254
	1992	2 787	2 797	3 523	2 963	5 586	2 061	3 151	2 028
Contract labor	farms, 1997	55	59	70	56	49	60	59	23
	1992	90	118	87	52	46	63	92	112
	$1,000, 1997	140	219	447	101	252	140	718	118
	1992	233	450	149	89	367	125	392	289
Repair and maintenance	farms, 1997	507	666	656	684	708	758	766	778
	1992	530	747	776	844	789	890	889	819
	$1,000, 1997	3 639	4 857	5 028	4 787	6 091	5 787	5 373	5 183
	1992	4 260	5 334	5 064	4 639	5 696	5 604	5 724	5 219
Customwork, machine hire, and rental of machinery and equipment	farms, 1997	338	466	440	390	358	430	479	355
	1992	342	461	515	525	418	467	448	349
	$1,000, 1997	1 620	1 671	2 542	1 004	1 626	1 373	2 591	2 113
	1992	1 485	1 627	2 598	1 084	1 435	1 459	2 069	1 605
Interest	farms, 1997	328	535	468	522	559	584	565	492
	1992	374	614	608	556	659	620	672	644
	$1,000, 1997	4 851	6 421	7 115	6 357	9 764	6 693	8 482	6 095
	1992	4 788	5 767	7 611	5 173	8 151	6 592	7 384	6 365
Interest paid on debt: Secured by real estate	farms, 1997	231	344	256	413	347	363	374	394
	1992	222	387	357	409	447	382	406	433
	$1,000, 1997	2 299	3 368	3 887	3 967	4 925	3 604	3 785	3 667
	1992	2 383	2 771	4 211	3 457	4 695	3 842	3 731	4 091
Not secured by real estate	farms, 1997	256	350	380	330	406	422	349	244
	1992	301	450	473	360	465	479	474	404
	$1,000, 1997	2 552	3 053	3 228	2 390	4 838	3 089	4 697	2 428
	1992	2 405	2 996	3 401	1 716	3 456	2 749	3 653	2 274
Cash rent	farms, 1997	174	314	474	286	390	442	447	332
	1992	171	343	434	299	468	475	540	325
	$1,000, 1997	3 271	7 359	18 367	4 453	13 832	14 258	18 378	7 902
	1992	2 569	6 033	13 605	3 756	11 091	11 692	13 321	5 144
Property taxes paid	farms, 1997	495	629	582	792	645	675	704	797
	1992	471	709	729	803	734	727	762	822
	$1,000, 1997	1 695	2 382	2 211	2 461	2 131	1 837	2 239	2 861
	1992	1 644	2 332	2 098	2 247	2 221	2 052	2 287	2 580
All other farm production expenses	farms, 1997	551	729	714	790	764	813	831	851
	1992	586	834	837	918	849	933	972	898
	$1,000, 1997	4 966	7 264	7 223	7 917	10 512	8 854	11 397	6 184
	1992	4 552	5 976	6 467	5 241	9 025	5 938	8 170	6 303

Table 3. **Farm Production Expenses: 1997 and 1992** —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, 1997..	836	863	600	636	976	1 280	1 204	764
1992..	795	882	677	728	978	1 326	1 309	740
$1,000, 1997..	55 921	67 827	63 217	64 029	71 864	75 113	97 478	36 332
1992..	47 914	62 502	61 465	66 337	77 227	95 024	98 748	37 803
Average per farm ..... dollars, 1997..	66 891	78 595	105 362	100 674	73 631	58 682	80 962	47 555
1992..	60 269	70 864	90 790	91 122	78 964	71 662	75 437	51 085
Livestock and poultry purchased ..... farms, 1997..	273	307	126	218	331	538	359	192
1992..	291	345	210	356	448	757	588	252
$1,000, 1997..	4 179	7 514	8 393	11 717	8 648	14 530	11 430	4 317
1992..	4 852	6 843	9 220	15 722	15 281	26 452	17 256	4 945
Feed for livestock and poultry ..... farms, 1997..	426	476	156	295	538	832	641	376
1992..	394	580	241	482	719	1 064	810	437
$1,000, 1997..	8 957	9 724	6 961	7 326	12 119	14 583	15 908	5 530
1992..	9 405	10 639	7 242	8 490	13 052	19 456	17 942	5 919
Commercially mixed formula feeds ..... farms, 1997..	284	270	92	184	282	442	361	217
1992..	155	353	99	175	308	495	386	175
$1,000, 1997..	6 200	3 405	3 566	3 124	4 895	8 340	8 641	2 966
1992..	5 604	4 810	2 356	2 531	4 588	5 885	7 764	3 122
Seeds, bulbs, plants, and trees ..... farms, 1997..	581	669	533	503	709	852	903	473
1992..	613	727	639	599	741	958	1 061	572
$1,000, 1997..	4 158	5 112	4 618	3 706	4 472	3 378	6 896	2 464
1992..	2 945	3 900	4 338	3 299	3 767	2 630	5 459	2 349
Commercial fertilizer ..... farms, 1997..	554	645	527	530	666	847	934	437
1992..	601	709	604	548	645	859	1 041	579
$1,000, 1997..	5 135	6 036	6 631	5 557	6 190	6 065	8 445	2 841
1992..	4 466	6 110	6 326	5 024	5 016	4 865	7 963	3 524
Agricultural chemicals ..... farms, 1997..	516	611	498	484	669	779	908	402
1992..	623	743	605	603	709	928	1 048	500
$1,000, 1997..	4 463	5 241	5 110	4 967	5 199	3 129	7 432	2 541
1992..	3 183	3 917	4 505	3 761	4 568	2 773	6 046	2 322
Petroleum products ..... farms, 1997..	774	823	582	599	907	1 170	1 132	648
1992..	732	848	661	677	960	1 257	1 258	695
$1,000, 1997..	2 681	3 630	2 900	2 739	3 458	3 867	3 932	1 921
1992..	2 375	3 657	3 280	2 869	3 772	4 115	4 567	2 206
Gasoline and gasohol ..... farms, 1997..	553	696	475	494	768	1 008	972	562
1992..	575	719	582	543	761	1 182	1 072	624
$1,000, 1997..	619	730	708	893	1 027	1 235	914	566
1992..	565	929	827	711	1 058	1 550	1 131	650
Diesel fuel ..... farms, 1997..	578	688	510	496	648	784	857	500
1992..	528	648	558	552	641	795	866	501
$1,000, 1997..	1 199	1 366	1 344	1 157	1 381	1 347	1 708	871
1992..	1 007	1 370	1 542	1 220	1 510	1 417	1 754	850
Natural gas ..... farms, 1997..	18	37	3	46	50	36	77	40
1992..	6	21	29	60	36	32	70	12
$1,000, 1997..	43	111	8	110	88	70	131	45
1992..	40	81	40	51	92	74	93	12
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms, 1997..	550	739	531	495	777	952	960	550
1992..	608	739	633	636	855	1 083	1 125	620
$1,000, 1997..	819	1 422	840	578	961	1 215	1 179	439
1992..	763	1 278	871	886	1 113	1 073	1 590	694
Electricity ..... farms, 1997..	611	735	555	503	784	953	940	600
1992..	622	694	606	595	887	1 205	1 105	594
$1,000, 1997..	687	1 132	734	1 092	1 223	1 479	1 351	626
1992..	638	1 144	816	1 253	1 485	1 905	1 697	626
Hired farm labor ..... farms, 1997..	215	346	288	244	339	353	314	210
1992..	221	335	318	312	263	478	449	226
$1,000, 1997..	1 591	2 649	2 423	2 021	1 949	1 507	4 050	908
1992..	1 485	1 857	1 398	1 639	3 354	2 504	3 306	1 312
Contract labor ..... farms, 1997..	90	35	55	32	125	89	33	60
1992..	75	60	61	35	53	40	117	38
$1,000, 1997..	303	105	148	252	269	82	153	235
1992..	93	170	75	95	61	41	318	90
Repair and maintenance ..... farms, 1997..	723	774	566	514	832	1 093	1 057	593
1992..	682	793	654	714	890	1 171	1 202	654
$1,000, 1997..	4 023	4 976	4 260	3 749	5 067	4 657	6 237	2 818
1992..	3 077	4 760	3 988	3 772	4 886	5 120	6 300	2 966
Customwork, machine hire, and rental of machinery and equipment ..... farms, 1997..	369	389	255	329	523	576	509	267
1992..	391	508	318	369	532	587	612	324
$1,000, 1997..	1 575	1 450	700	1 116	1 530	1 641	2 043	675
1992..	1 176	1 246	879	1 327	1 502	1 236	1 516	750
Interest ..... farms, 1997..	394	491	431	375	622	801	694	379
1992..	474	676	466	496	633	888	789	464
$1,000, 1997..	4 668	5 089	4 490	4 127	6 490	6 033	7 099	2 928
1992..	4 678	5 214	4 737	5 123	5 920	8 440	8 430	3 015
Interest paid on debt: Secured by real estate ..... farms, 1997..	257	383	217	225	462	586	483	309
1992..	339	541	267	316	454	645	555	310
$1,000, 1997..	2 731	3 047	2 047	2 003	4 599	3 849	4 306	2 120
1992..	3 069	3 229	2 584	2 824	3 761	5 292	4 950	1 666
Not secured by real estate ..... farms, 1997..	239	316	305	273	348	412	424	206
1992..	313	431	321	323	381	543	489	286
$1,000, 1997..	1 938	2 043	2 443	2 124	1 891	2 185	2 794	808
1992..	1 609	1 984	2 153	2 299	2 159	3 148	3 479	1 348
Cash rent ..... farms, 1997..	311	364	279	303	368	295	423	214
1992..	269	361	327	371	378	402	440	145
$1,000, 1997..	6 561	6 899	9 280	8 853	6 380	4 786	10 568	3 578
1992..	3 722	5 690	8 234	6 810	5 864	4 493	6 633	2 481
Property taxes paid ..... farms, 1997..	707	800	523	569	880	1 142	1 013	703
1992..	720	830	469	606	864	1 223	1 173	624
$1,000, 1997..	2 240	2 460	1 557	1 740	2 429	3 058	3 387	1 751
1992..	2 109	2 358	1 702	1 690	2 769	3 301	4 140	1 786
All other farm production expenses ..... farms, 1997..	750	833	577	589	921	1 222	1 130	696
1992..	787	869	670	728	967	1 290	1 265	701
$1,000, 1997..	4 698	5 811	5 011	5 066	6 442	6 318	8 547	3 199
1992..	3 711	4 997	4 725	5 462	5 928	7 694	7 174	3 511

Table 3. **Farm Production Expenses: 1997 and 1992** —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, 1997..	1 261	1 028	969	1 405	863	1 480	592	706
1992..	1 241	1 112	952	1 592	873	1 529	554	629
$1,000, 1997..	72 898	100 511	71 065	162 320	56 337	78 785	53 833	22 214
1992..	81 739	104 164	65 784	148 358	59 317	82 697	37 360	21 369
Average per farm ..... dollars, 1997..	57 810	97 773	73 339	115 531	65 280	53 233	90 935	31 465
1992..	65 866	93 672	69 101	93 190	67 947	54 086	67 437	33 973
Livestock and poultry purchased ..... farms, 1997..	495	440	303	432	282	339	138	227
1992..	594	556	408	576	353	562	196	259
$1,000, 1997..	7 593	19 007	6 770	22 612	6 134	9 544	4 986	2 200
1992..	12 254	24 581	7 899	19 253	9 983	10 325	3 044	2 630
Feed for livestock and poultry ..... farms, 1997..	703	593	466	521	428	641	241	397
1992..	872	789	610	679	562	863	281	422
$1,000, 1997..	15 765	16 681	13 613	21 772	10 399	8 353	10 505	2 819
1992..	19 858	20 542	14 610	15 286	10 244	11 688	4 155	3 701
Commercially mixed formula feeds ..... farms, 1997..	488	352	212	330	271	348	120	184
1992..	454	390	269	374	202	347	152	173
$1,000, 1997..	7 944	7 421	4 460	9 697	3 810	3 841	4 593	793
1992..	10 210	7 382	6 122	6 959	3 205	5 226	2 021	881
Seeds, bulbs, plants, and trees ..... farms, 1997..	858	774	715	1 218	561	1 060	423	398
1992..	975	911	754	1 469	678	1 175	470	378
$1,000, 1997..	4 765	5 159	4 332	10 750	3 499	5 801	3 269	1 196
1992..	3 812	4 293	3 374	10 448	2 955	4 653	2 756	720
Commercial fertilizer ..... farms, 1997..	767	749	615	1 162	598	1 024	385	393
1992..	812	868	724	1 427	644	1 037	448	364
$1,000, 1997..	5 494	7 417	6 253	15 536	5 513	7 105	3 987	2 120
1992..	5 308	6 868	5 626	13 549	4 407	6 597	3 693	1 541
Agricultural chemicals ..... farms, 1997..	722	753	609	1 162	561	989	374	355
1992..	997	940	749	1 380	625	1 207	453	300
$1,000, 1997..	5 007	5 988	4 237	11 067	3 867	5 453	3 440	1 147
1992..	4 652	5 028	3 819	9 330	3 007	5 378	3 121	771
Petroleum products ..... farms, 1997..	1 161	971	880	1 383	780	1 332	502	640
1992..	1 166	1 034	876	1 578	825	1 477	540	612
$1,000, 1997..	3 834	4 641	4 338	7 597	3 018	4 013	2 252	1 352
1992..	4 108	4 829	3 421	9 501	2 942	4 472	2 254	1 292
Gasoline and gasohol ..... farms, 1997..	1 001	851	746	1 190	685	1 148	418	550
1992..	956	916	695	1 353	753	1 332	431	545
$1,000, 1997..	978	1 182	944	1 767	807	1 232	585	448
1992..	1 251	1 306	882	2 111	917	1 473	511	543
Diesel fuel ..... farms, 1997..	817	751	693	1 164	531	884	405	449
1992..	768	850	592	1 367	574	885	437	345
$1,000, 1997..	1 522	1 520	2 037	3 312	1 419	1 386	777	568
1992..	1 499	1 765	1 344	4 068	1 229	1 462	928	489
Natural gas ..... farms, 1997..	35	48	32	39	43	60	18	40
1992..	87	23	22	66	21	28	16	52
$1,000, 1997..	36	142	80	103	125	126	83	58
1992..	123	58	54	153	58	88	37	29
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms, 1997..	988	841	688	1 228	631	977	424	490
1992..	972	967	676	1 494	641	1 247	460	473
$1,000, 1997..	1 298	1 796	1 276	2 415	667	1 269	806	279
1992..	1 234	1 699	1 141	3 168	738	1 449	778	231
Electricity ..... farms, 1997..	957	875	777	1 238	676	1 079	411	483
1992..	1 061	974	794	1 420	649	1 332	497	513
$1,000, 1997..	1 245	1 604	1 317	2 479	1 034	1 380	835	392
1992..	1 410	1 660	1 129	2 572	1 032	1 559	662	515
Hired farm labor ..... farms, 1997..	434	309	225	677	280	385	181	146
1992..	459	336	287	775	246	352	209	151
$1,000, 1997..	2 073	3 428	2 354	4 413	2 677	3 000	2 504	420
1992..	2 365	2 869	1 791	4 939	2 533	2 926	1 333	604
Contract labor ..... farms, 1997..	101	73	45	110	53	115	38	49
1992..	62	54	61	118	82	147	68	60
$1,000, 1997..	339	368	97	692	217	172	35	122
1992..	150	144	116	267	288	416	94	122
Repair and maintenance ..... farms, 1997..	1 094	887	777	1 308	744	1 176	504	568
1992..	1 071	1 033	811	1 462	713	1 315	525	582
$1,000, 1997..	4 695	5 873	4 944	10 804	4 887	5 455	3 092	1 888
1992..	5 060	6 131	4 408	10 300	4 500	5 849	2 693	2 074
Customwork, machine hire, and rental of machinery and equipment ..... farms, 1997..	630	548	369	664	360	668	216	214
1992..	626	612	399	795	347	736	310	266
$1,000, 1997..	1 749	1 702	1 329	3 030	993	1 871	1 159	421
1992..	1 316	1 619	1 272	2 761	911	2 222	849	540
Interest ..... farms, 1997..	741	612	612	1 038	381	729	353	330
1992..	792	728	534	1 152	501	796	426	317
$1,000, 1997..	5 127	7 513	5 959	12 050	3 580	7 116	4 428	2 318
1992..	7 180	8 543	5 014	12 539	5 034	6 964	3 754	2 254
Interest paid on debt: Secured by real estate ..... farms, 1997..	432	426	455	634	329	515	220	251
1992..	516	483	404	712	355	562	249	258
$1,000, 1997..	3 314	4 341	3 751	6 994	2 620	4 878	2 211	1 611
1992..	4 556	5 302	3 599	7 702	3 615	4 794	2 141	1 602
Not secured by real estate ..... farms, 1997..	433	411	317	697	194	443	237	184
1992..	525	452	248	816	263	458	328	223
$1,000, 1997..	1 813	3 172	2 207	5 056	960	2 238	2 217	706
1992..	2 624	3 241	1 415	4 836	1 419	2 170	1 613	652
Cash rent ..... farms, 1997..	438	453	334	823	181	445	212	179
1992..	413	464	294	962	302	557	255	125
$1,000, 1997..	6 754	10 231	5 354	21 857	3 540	9 385	6 163	1 312
1992..	5 162	7 277	5 141	21 245	4 125	9 481	4 363	873
Property taxes paid ..... farms, 1997..	1 067	914	878	1 142	812	1 298	548	670
1992..	1 084	940	872	1 243	822	1 289	443	590
$1,000, 1997..	2 824	3 031	3 615	3 305	2 147	3 364	1 895	1 910
1992..	2 885	3 038	2 591	4 318	2 635	3 851	1 503	1 334
All other farm production expenses ..... farms, 1997..	1 158	985	913	1 366	781	1 385	521	632
1992..	1 176	1 052	912	1 564	816	1 473	534	601
$1,000, 1997..	5 633	7 870	6 555	14 356	4 832	6 775	5 283	2 597
1992..	6 220	6 742	5 574	12 051	4 721	6 316	3 088	2 398

Table 3. **Farm Production Expenses: 1997 and 1992** —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, 1997	1 149	987	1 022	971	914	495	827	698
	1992	1 194	1 026	1 075	996	949	564	825	822
	$1,000, 1997	145 807	58 862	106 900	49 036	80 870	34 423	122 220	69 682
	1992	137 665	55 294	90 047	50 620	79 825	48 869	87 406	68 801
Average per farm	dollars, 1997	126 899	59 637	104 599	50 501	88 479	69 541	147 787	99 831
	1992	115 297	53 893	83 765	50 823	84 115	86 647	105 947	83 700
Livestock and poultry purchased	farms, 1997	563	299	401	190	275	126	416	245
	1992	675	376	530	416	340	192	384	297
	$1,000, 1997	34 535	5 273	20 376	5 394	8 121	2 432	20 153	11 814
	1992	47 340	6 955	18 651	8 493	9 598	8 938	18 031	14 686
Feed for livestock and poultry	farms, 1997	752	581	584	363	382	232	469	374
	1992	849	679	678	637	484	286	553	395
	$1,000, 1997	35 154	15 082	26 813	5 143	8 487	2 076	33 967	7 886
	1992	28 333	12 523	19 631	8 247	9 737	4 305	16 699	6 955
Commercially mixed formula feeds	farms, 1997	484	343	347	223	186	141	282	149
	1992	351	287	347	338	241	168	351	144
	$1,000, 1997	20 324	12 419	12 205	2 000	2 204	552	22 037	1 947
	1992	8 358	8 534	8 037	3 580	4 053	2 303	7 795	1 510
Seeds, bulbs, plants, and trees	farms, 1997	894	605	727	695	645	392	633	548
	1992	912	775	911	803	816	489	701	685
	$1,000, 1997	6 643	3 381	4 924	4 085	5 529	3 001	5 098	6 245
	1992	4 536	2 461	3 744	2 961	4 738	3 052	4 056	4 502
Commercial fertilizer	farms, 1997	845	608	693	614	628	372	578	559
	1992	823	709	866	778	766	432	682	683
	$1,000, 1997	7 640	3 545	6 474	4 268	7 322	3 629	5 515	7 412
	1992	5 613	3 814	5 486	3 448	6 435	4 488	5 162	7 768
Agricultural chemicals	farms, 1997	864	599	709	571	704	357	591	518
	1992	900	825	909	790	872	484	685	684
	$1,000, 1997	6 226	3 680	5 476	3 753	7 507	3 751	5 213	5 955
	1992	4 550	2 992	4 281	2 836	6 291	3 709	3 851	5 318
Petroleum products	farms, 1997	1 103	914	934	880	814	461	753	655
	1992	1 128	1 002	1 016	968	924	542	812	810
	$1,000, 1997	5 106	2 436	3 766	2 751	3 761	1 790	4 479	2 920
	1992	4 430	2 502	4 029	2 321	4 304	2 497	4 222	3 681
Gasoline and gasohol	farms, 1997	881	753	809	743	697	324	634	477
	1992	944	865	843	823	823	446	718	672
	$1,000, 1997	1 390	738	855	657	1 007	432	853	714
	1992	1 169	874	1 044	658	1 097	617	968	961
Diesel fuel	farms, 1997	880	661	731	629	606	408	545	576
	1992	897	632	780	677	710	441	571	564
	$1,000, 1997	2 294	991	1 674	1 155	1 508	964	1 534	1 690
	1992	1 944	1 009	1 638	910	1 625	1 176	1 438	1 852
Natural gas	farms, 1997	55	6	41	40	40	23	47	38
	1992	86	39	77	70	26	11	11	13
	$1,000, 1997	63	27	76	274	118	16	161	46
	1992	76	18	165	119	85	18	25	32
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1997	989	681	794	677	698	372	619	607
	1992	981	805	868	761	786	475	722	683
	$1,000, 1997	1 358	680	1 161	666	1 128	378	1 931	469
	1992	1 241	601	1 183	634	1 497	686	1 792	836
Electricity	farms, 1997	1 002	769	826	635	754	406	615	600
	1992	1 129	862	911	810	785	477	732	715
	$1,000, 1997	2 066	1 151	2 143	769	1 074	631	1 590	945
	1992	1 834	1 277	1 761	1 069	1 281	769	1 451	1 055
Hired farm labor	farms, 1997	476	292	336	257	324	160	331	245
	1992	463	288	319	325	421	232	363	289
	$1,000, 1997	3 755	2 893	4 059	1 795	3 747	720	5 783	2 243
	1992	3 928	2 412	3 066	1 717	3 878	3 228	2 891	2 310
Contract labor	farms, 1997	27	58	38	72	54	19	74	73
	1992	103	85	89	83	83	50	80	182
	$1,000, 1997	157	140	212	103	224	46	619	236
	1992	190	163	314	171	284	98	358	327
Repair and maintenance	farms, 1997	1 069	813	785	824	727	423	668	567
	1992	1 122	932	917	863	850	485	761	720
	$1,000, 1997	7 351	4 110	6 237	3 600	4 772	2 781	5 322	4 060
	1992	5 878	3 653	4 817	3 481	5 434	3 142	5 445	4 310
Customwork, machine hire, and rental of machinery and equipment	farms, 1997	576	447	494	455	519	243	396	366
	1992	591	542	562	568	518	334	477	444
	$1,000, 1997	2 056	1 281	1 524	1 344	2 722	931	1 443	1 917
	1992	1 628	1 162	1 596	1 708	1 469	1 002	1 593	1 606
Interest	farms, 1997	824	507	673	528	534	279	573	395
	1992	828	523	687	570	617	361	639	533
	$1,000, 1997	9 859	4 620	7 457	4 509	5 089	3 218	8 591	4 100
	1992	7 798	4 301	5 975	4 271	5 989	3 629	6 557	4 612
Interest paid on debt: Secured by real estate	farms, 1997	451	403	408	360	369	192	382	251
	1992	562	380	409	442	347	178	467	336
	$1,000, 1997	4 837	3 003	4 729	2 410	2 826	1 756	5 424	2 246
	1992	4 044	2 640	3 338	2 529	3 465	1 717	4 129	2 471
Not secured by real estate	farms, 1997	647	268	490	300	324	185	375	291
	1992	627	324	469	332	487	266	436	367
	$1,000, 1997	5 022	1 618	2 728	2 100	2 263	1 462	3 166	1 854
	1992	3 754	1 661	2 636	1 742	2 524	1 912	2 428	2 140
Cash rent	farms, 1997	596	349	331	300	339	189	416	247
	1992	610	305	406	303	438	210	379	276
	$1,000, 1997	11 885	2 825	6 461	4 481	11 346	3 710	11 467	7 122
	1992	9 318	3 013	6 596	3 506	11 057	3 684	8 065	4 874
Property taxes paid	farms, 1997	974	929	889	876	792	456	671	526
	1992	997	910	939	933	718	466	684	653
	$1,000, 1997	2 327	2 298	3 217	2 214	2 358	1 680	2 043	1 816
	1992	1 924	2 606	3 343	2 187	2 457	1 448	2 054	1 865
All other farm production expenses	farms, 1997	1 129	916	979	907	890	468	764	665
	1992	1 175	966	996	953	928	523	804	807
	$1,000, 1997	11 046	6 145	7 762	4 826	8 810	4 027	10 939	5 010
	1992	10 366	5 460	6 757	4 202	6 874	4 882	6 972	4 933

Table 3. **Farm Production Expenses: 1997 and 1992** —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, 1997	691	576	782	977	649	844	787	1 489
	1992	674	616	803	1 146	737	917	840	1 615
	$1,000, 1997	29 882	53 462	55 741	123 842	95 705	50 123	100 333	173 372
	1992	23 838	45 621	51 553	110 657	69 305	56 342	74 959	173 882
Average per farm	dollars, 1997	43 244	92 816	71 280	126 758	147 465	59 387	127 489	116 435
	1992	35 368	74 060	64 201	96 559	94 037	61 442	89 237	107 667
Livestock and poultry purchased	farms, 1997	239	155	235	416	210	269	196	606
	1992	311	251	281	618	257	368	377	871
	$1,000, 1997	3 244	6 700	5 306	23 567	18 465	5 476	14 672	38 556
	1992	5 457	8 166	5 272	21 810	14 486	8 636	14 190	54 173
Feed for livestock and poultry	farms, 1997	385	276	375	522	278	440	309	822
	1992	454	399	413	729	347	563	456	1 094
	$1,000, 1997	5 906	9 634	7 538	26 384	23 882	4 808	21 772	36 779
	1992	4 166	4 927	9 299	23 488	11 317	6 653	9 547	31 380
Commercially mixed formula feeds	farms, 1997	167	146	231	351	199	293	167	531
	1992	136	125	205	263	114	271	218	469
	$1,000, 1997	3 830	6 973	3 536	12 136	11 424	2 539	16 861	14 487
	1992	1 002	1 558	4 762	7 675	4 078	3 163	3 544	11 084
Seeds, bulbs, plants, and trees	farms, 1997	385	446	589	879	566	649	697	1 143
	1992	369	525	654	964	651	786	743	1 311
	$1,000, 1997	1 420	3 980	3 624	7 025	4 908	4 095	5 737	8 155
	1992	734	2 318	3 005	5 068	3 671	3 404	4 427	6 403
Commercial fertilizer	farms, 1997	391	428	558	824	553	629	652	1 095
	1992	361	506	607	932	626	750	736	1 273
	$1,000, 1997	1 992	4 390	5 098	7 790	5 943	4 912	7 456	10 336
	1992	1 268	3 859	4 413	7 401	5 003	4 671	7 018	9 107
Agricultural chemicals	farms, 1997	370	448	580	772	508	619	651	1 117
	1992	403	512	703	949	591	801	747	1 321
	$1,000, 1997	1 276	3 848	4 119	6 861	4 502	4 464	6 250	9 057
	1992	770	2 749	2 908	5 759	3 792	3 398	4 368	7 033
Petroleum products	farms, 1997	628	499	670	976	643	784	770	1 373
	1992	635	593	744	1 114	734	887	804	1 543
	$1,000, 1997	1 399	1 924	2 914	4 670	3 338	2 385	4 051	6 135
	1992	1 306	2 726	2 924	4 699	3 875	2 840	4 507	6 943
Gasoline and gasohol	farms, 1997	474	373	567	828	548	584	622	1 095
	1992	584	523	626	948	652	764	673	1 354
	$1,000, 1997	395	418	673	950	758	625	756	1 434
	1992	544	712	737	1 133	1 158	855	1 144	1 981
Diesel fuel	farms, 1997	465	444	527	848	566	657	618	1 168
	1992	365	462	510	932	625	689	631	1 269
	$1,000, 1997	565	1 074	1 218	2 187	1 472	1 202	1 748	2 753
	1992	515	1 060	1 073	1 884	1 435	1 373	1 805	2 923
Natural gas	farms, 1997	10	6	28	73	36	8	36	85
	1992	21	47	27	73	55	22	40	95
	$1,000, 1997	22	88	45	113	41	16	127	120
	1992	8	425	73	97	187	54	103	144
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1997	469	433	576	881	586	601	668	1 183
	1992	442	499	604	1 052	629	791	772	1 375
	$1,000, 1997	417	344	978	1 419	1 066	542	1 420	1 828
	1992	238	529	1 041	1 586	1 095	558	1 455	1 895
Electricity	farms, 1997	441	432	594	888	573	592	713	1 273
	1992	519	558	731	1 050	665	750	771	1 418
	$1,000, 1997	475	728	848	1 540	1 051	903	1 453	2 315
	1992	442	866	960	2 159	1 065	964	1 337	2 696
Hired farm labor	farms, 1997	180	200	242	459	178	272	358	546
	1992	198	181	227	491	301	366	478	690
	$1,000, 1997	997	2 830	2 395	3 118	3 141	2 642	4 150	4 772
	1992	893	3 563	1 793	2 968	2 313	4 621	1 984	4 076
Contract labor	farms, 1997	85	18	34	82	61	40	29	138
	1992	45	44	61	40	44	85	40	121
	$1,000, 1997	359	180	78	346	372	174	304	630
	1992	73	212	76	187	126	125	92	417
Repair and maintenance	farms, 1997	574	455	670	896	568	680	711	1 318
	1992	574	535	693	1 046	627	826	787	1 460
	$1,000, 1997	2 253	3 415	3 799	6 096	4 054	3 854	5 242	9 792
	1992	1 866	3 402	3 631	5 972	3 972	4 235	4 389	9 918
Customwork, machine hire, and rental of machinery and equipment	farms, 1997	338	258	325	614	362	481	401	756
	1992	271	280	345	571	353	516	443	902
	$1,000, 1997	1 794	1 204	639	2 113	1 179	2 484	2 436	2 861
	1992	330	936	759	1 546	1 140	1 278	1 219	2 397
Interest	farms, 1997	415	363	469	753	432	458	475	886
	1992	395	341	461	781	483	553	577	1 012
	$1,000, 1997	2 982	3 743	4 448	8 452	5 917	3 902	7 962	10 264
	1992	2 590	3 114	4 781	7 113	4 421	5 120	7 559	10 153
Interest paid on debt: Secured by real estate	farms, 1997	329	244	293	415	254	312	304	596
	1992	301	264	335	419	312	406	370	669
	$1,000, 1997	1 856	2 310	2 623	4 432	3 109	2 197	4 140	5 178
	1992	1 728	1 935	3 119	4 207	2 491	3 196	4 216	5 963
Not secured by real estate	farms, 1997	236	239	301	543	331	319	332	569
	1992	256	180	242	635	300	343	413	698
	$1,000, 1997	1 127	1 432	1 825	4 020	2 808	1 705	3 821	5 086
	1992	862	1 180	1 662	2 906	1 929	1 924	3 342	4 190
Cash rent	farms, 1997	164	173	359	596	400	212	361	719
	1992	142	167	308	659	349	279	358	816
	$1,000, 1997	1 405	3 746	8 208	14 112	9 854	2 819	8 262	17 812
	1992	413	2 450	6 087	11 792	6 881	2 241	6 951	13 707
Property taxes paid	farms, 1997	663	506	625	774	522	777	643	1 338
	1992	630	562	654	942	562	786	676	1 326
	$1,000, 1997	1 417	2 180	1 903	1 977	1 398	2 285	2 507	3 605
	1992	1 324	1 889	2 179	2 100	1 453	1 743	2 516	3 358
All other farm production expenses	farms, 1997	659	512	717	977	623	771	771	1 421
	1992	631	601	774	1 098	719	896	840	1 572
	$1,000, 1997	2 963	4 958	4 825	9 790	7 699	4 918	8 078	12 304
	1992	2 207	4 444	3 468	8 596	5 792	6 413	4 854	12 123

Table 3. **Farm Production Expenses: 1997 and 1992** —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, 1997..	777	802	1 326	933	671	812	798	920
1992..	919	832	1 439	933	675	968	916	1 086
$1,000, 1997..	79 515	42 541	130 063	72 216	40 433	133 924	72 368	91 309
1992..	76 945	43 034	127 086	65 011	30 028	111 906	73 702	95 089
Average per farm ..... dollars, 1997..	102 335	53 044	98 087	77 402	60 258	164 931	90 687	99 249
1992..	83 727	51 724	88 315	69 680	44 486	115 605	80 461	87 559
Livestock and poultry purchased ..... farms, 1997..	189	172	413	309	183	230	245	393
1992..	285	257	610	465	294	416	380	494
$1,000, 1997..	8 444	2 463	23 830	6 296	3 190	23 322	7 042	14 183
1992..	11 086	3 531	31 611	9 568	4 001	27 603	9 406	18 505
Feed for livestock and poultry ..... farms, 1997..	232	331	660	535	410	359	342	612
1992..	351	345	918	658	517	537	489	688
$1,000, 1997..	11 941	2 485	11 989	10 313	11 050	31 862	8 416	13 237
1992..	9 392	3 578	12 633	10 711	5 233	20 239	10 274	15 404
Commercially mixed formula feeds ..... farms, 1997..	157	187	402	224	182	240	153	303
1992..	206	132	388	314	224	247	218	286
$1,000, 1997..	7 384	1 137	3 962	4 628	9 071	20 965	4 236	4 822
1992..	4 597	1 054	4 570	3 864	2 488	6 056	4 584	5 638
Seeds, bulbs, plants, and trees ..... farms, 1997..	736	571	1 098	650	402	683	658	829
1992..	858	607	1 223	729	465	833	738	922
$1,000, 1997..	6 411	4 150	9 275	4 598	1 549	5 841	4 893	6 316
1992..	5 473	3 410	7 256	3 512	1 272	5 012	3 851	4 989
Commercial fertilizer ..... farms, 1997..	720	497	1 111	605	367	672	681	805
1992..	810	568	1 187	698	450	793	722	901
$1,000, 1997..	8 759	4 320	11 717	5 617	2 299	8 201	6 666	8 480
1992..	7 599	4 326	10 612	5 639	2 620	7 084	5 783	8 043
Agricultural chemicals ..... farms, 1997..	672	545	1 048	631	364	654	669	812
1992..	807	595	1 220	739	489	791	794	950
$1,000, 1997..	6 212	4 196	10 464	4 930	1 766	6 606	5 446	7 214
1992..	5 357	2 997	7 990	3 630	1 346	5 848	4 606	5 646
Petroleum products ..... farms, 1997..	769	755	1 234	815	572	771	733	868
1992..	904	810	1 392	902	638	960	892	1 054
$1,000, 1997..	3 652	2 133	5 087	4 192	2 081	3 991	3 596	3 877
1992..	4 469	2 452	6 536	3 843	2 082	4 713	3 938	4 563
Gasoline and gasohol ..... farms, 1997..	692	614	974	730	516	600	557	775
1992..	795	687	1 206	830	576	760	804	874
$1,000, 1997..	741	550	1 220	1 162	622	708	741	1 019
1992..	986	625	1 868	1 067	757	1 371	1 027	1 070
Diesel fuel ..... farms, 1997..	690	535	1 013	624	400	669	591	754
1992..	783	521	1 081	696	421	762	698	850
$1,000, 1997..	1 931	997	2 463	1 758	921	1 850	1 443	1 735
1992..	2 113	1 115	2 723	1 551	877	2 074	1 487	1 931
Natural gas ..... farms, 1997..	44	64	44	43	11	44	21	32
1992..	62	17	86	71	14	35	44	23
$1,000, 1997..	72	104	99	239	41	77	137	127
1992..	151	81	380	176	21	37	131	34
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms, 1997..	713	565	1 063	720	480	681	618	775
1992..	848	623	1 248	805	505	864	754	952
$1,000, 1997..	908	482	1 305	1 033	497	1 355	1 276	996
1992..	1 219	630	1 565	1 050	426	1 231	1 293	1 528
Electricity ..... farms, 1997..	704	617	1 091	702	460	701	667	827
1992..	798	618	1 259	823	494	849	782	972
$1,000, 1997..	1 029	608	1 945	1 194	761	1 581	1 066	1 682
1992..	1 250	646	2 268	982	734	1 579	1 256	1 836
Hired farm labor ..... farms, 1997..	370	255	468	290	127	466	203	357
1992..	385	248	505	268	212	429	320	413
$1,000, 1997..	2 028	2 767	4 257	3 944	2 053	6 157	2 525	2 193
1992..	2 200	2 613	4 323	1 436	642	3 377	3 040	2 604
Contract labor ..... farms, 1997..	69	47	59	48	105	22	68	45
1992..	30	57	97	93	58	72	81	55
$1,000, 1997..	371	129	87	748	102	195	161	114
1992..	102	126	193	167	134	185	416	145
Repair and maintenance ..... farms, 1997..	714	622	1 233	790	549	719	683	849
1992..	845	703	1 319	877	599	876	827	986
$1,000, 1997..	5 989	3 148	8 285	6 055	2 523	6 025	4 510	5 068
1992..	4 950	3 474	7 616	5 232	2 610	6 234	4 523	6 411
Customwork, machine hire, and rental of machinery and equipment ..... farms, 1997..	367	309	730	335	253	434	357	498
1992..	415	388	857	361	243	523	388	536
$1,000, 1997..	1 390	1 127	2 329	1 123	1 276	2 036	1 157	1 679
1992..	1 754	764	3 230	802	516	2 039	1 048	1 147
Interest ..... farms, 1997..	535	372	840	488	396	573	443	584
1992..	551	449	963	662	402	672	548	744
$1,000, 1997..	5 816	2 494	9 971	5 982	3 930	9 537	5 162	5 832
1992..	6 037	4 367	9 031	6 257	2 673	6 766	6 366	6 468
Interest paid on debt: Secured by real estate ..... farms, 1997..	365	225	455	303	292	371	263	365
1992..	324	318	551	418	306	411	342	449
$1,000, 1997..	3 228	1 367	4 612	3 505	2 129	5 396	2 900	3 382
1992..	3 029	2 496	5 241	3 522	1 911	3 511	4 212	3 938
Not secured by real estate ..... farms, 1997..	354	240	649	364	265	375	321	441
1992..	396	289	696	452	219	480	363	502
$1,000, 1997..	2 588	1 127	5 359	2 476	1 800	4 141	2 262	2 450
1992..	3 008	1 872	3 790	2 735	762	3 255	2 154	2 530
Cash rent ..... farms, 1997..	400	271	670	376	167	468	393	516
1992..	490	230	592	345	201	516	488	588
$1,000, 1997..	9 008	6 202	17 216	8 399	1 959	15 268	13 951	10 763
1992..	9 078	4 841	10 679	5 363	1 281	11 060	11 234	8 870
Property taxes paid ..... farms, 1997..	634	691	1 079	803	649	675	660	766
1992..	677	734	1 149	779	632	791	701	891
$1,000, 1997..	1 778	2 079	4 108	2 224	1 601	2 202	2 236	2 666
1992..	1 707	1 929	3 567	2 262	1 517	2 320	2 302	2 805
All other farm production expenses ..... farms, 1997..	769	718	1 280	873	593	794	748	902
1992..	899	773	1 400	903	619	968	881	1 056
$1,000, 1997..	6 688	4 241	9 503	6 602	4 293	11 100	5 541	8 005
1992..	6 493	3 981	9 539	5 607	3 367	7 848	5 659	7 653

Table 3. **Farm Production Expenses: 1997 and 1992** —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, 1997	1 751	947	1 153	745	672	805	779	1 215
	1992	1 998	989	1 293	742	672	753	758	1 216
	$1,000, 1997	378 426	84 555	91 847	43 481	28 838	31 529	31 882	40 526
	1992	331 099	74 917	92 072	39 778	38 257	27 163	27 587	44 628
Average per farm	dollars, 1997	216 120	89 287	79 659	58 363	42 914	39 167	40 926	33 354
	1992	165 715	75 750	71 208	53 610	56 930	36 073	36 394	36 700
Livestock and poultry purchased	farms, 1997	1 010	217	345	237	183	265	183	329
	1992	1 149	375	593	306	262	288	267	444
	$1,000, 1997	124 591	9 433	7 936	5 179	3 482	1 950	2 861	2 750
	1992	144 653	10 711	10 730	6 392	7 039	2 829	4 395	4 848
Feed for livestock and poultry	farms, 1997	1 206	340	578	408	382	475	371	598
	1992	1 365	465	806	446	404	497	372	741
	$1,000, 1997	108 873	10 195	10 133	11 639	4 003	5 795	3 087	4 412
	1992	76 094	10 185	10 970	5 126	8 592	4 822	3 787	6 005
Commercially mixed formula feeds	farms, 1997	859	243	311	190	200	258	206	407
	1992	672	206	374	207	166	160	161	217
	$1,000, 1997	60 772	5 093	6 161	9 166	2 727	2 993	831	2 129
	1992	24 659	4 507	4 507	1 479	2 796	1 909	1 466	1 317
Seeds, bulbs, plants, and trees	farms, 1997	1 391	780	845	476	392	520	439	800
	1992	1 605	851	1 008	604	450	520	548	886
	$1,000, 1997	10 907	6 327	6 141	2 076	1 969	1 720	2 673	3 056
	1992	6 826	4 368	5 265	2 021	1 323	1 417	1 439	2 713
Commercial fertilizer	farms, 1997	1 299	762	782	413	399	466	445	694
	1992	1 470	761	943	567	400	514	522	839
	$1,000, 1997	11 251	9 253	9 476	2 622	2 227	2 501	3 185	2 702
	1992	10 019	6 519	9 124	3 189	2 103	2 287	2 680	3 165
Agricultural chemicals	farms, 1997	1 351	709	801	444	458	451	414	687
	1992	1 602	816	1 109	553	444	497	471	873
	$1,000, 1997	9 602	6 485	7 348	2 468	2 280	2 275	2 493	3 498
	1992	7 088	4 398	6 895	2 037	1 789	1 471	1 563	3 025
Petroleum products	farms, 1997	1 715	904	1 043	659	560	714	724	1 094
	1992	1 921	962	1 251	687	612	714	736	1 152
	$1,000, 1997	8 269	3 661	4 263	2 030	1 341	1 457	1 828	2 580
	1992	7 548	3 542	4 794	2 187	1 839	1 741	1 587	2 855
Gasoline and gasohol	farms, 1997	1 382	799	818	529	478	621	577	974
	1992	1 531	813	1 102	576	541	637	605	1 031
	$1,000, 1997	1 663	865	908	643	472	451	407	730
	1992	1 848	927	1 369	689	641	655	453	1 014
Diesel fuel	farms, 1997	1 433	645	837	486	384	482	544	665
	1992	1 422	707	977	532	371	433	486	651
	$1,000, 1997	3 955	1 662	2 132	730	536	625	766	1 196
	1992	3 324	1 478	1 907	1 034	801	671	670	1 107
Natural gas	farms, 1997	100	45	46	17	9	18	28	31
	1992	97	61	22	44	11	7	33	62
	$1,000, 1997	153	139	45	16	2	7	167	42
	1992	146	119	94	31	6	11	56	57
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1997	1 501	747	845	486	398	581	565	842
	1992	1 618	849	1 080	628	468	595	530	945
	$1,000, 1997	2 497	997	1 178	641	331	375	489	612
	1992	2 230	1 019	1 424	434	392	405	408	676
Electricity	farms, 1997	1 553	727	950	562	417	592	559	865
	1992	1 801	895	1 053	604	536	559	515	942
	$1,000, 1997	4 043	1 231	1 344	624	417	529	493	932
	1992	3 709	1 412	1 645	802	667	543	364	977
Hired farm labor	farms, 1997	893	339	297	199	155	231	171	348
	1992	966	396	408	271	247	251	151	379
	$1,000, 1997	11 940	4 249	3 548	1 685	762	1 884	1 235	1 555
	1992	7 258	3 757	2 750	1 678	1 526	928	808	1 649
Contract labor	farms, 1997	193	57	71	56	46	32	52	110
	1992	142	93	113	54	49	20	48	105
	$1,000, 1997	785	168	189	237	83	39	78	190
	1992	485	266	195	83	245	56	43	233
Repair and maintenance	farms, 1997	1 591	797	958	646	535	661	666	922
	1992	1 820	871	1 170	654	595	668	688	1 022
	$1,000, 1997	13 496	5 553	5 522	2 216	1 901	2 364	2 320	3 889
	1992	12 230	4 592	6 775	3 190	2 682	2 274	1 899	3 972
Customwork, machine hire, and rental of machinery and equipment	farms, 1997	1 024	556	524	354	257	351	255	417
	1992	1 241	539	781	403	279	346	305	630
	$1,000, 1997	4 831	3 102	2 984	997	935	637	739	1 278
	1992	3 415	2 877	2 172	1 074	667	496	666	1 624
Interest	farms, 1997	1 233	528	605	418	388	498	314	541
	1992	1 486	611	771	454	385	419	402	612
	$1,000, 1997	17 879	5 882	7 904	3 492	3 066	3 824	2 572	3 341
	1992	15 546	6 150	7 141	3 401	3 097	2 829	2 305	4 694
Interest paid on debt: Secured by real estate	farms, 1997	806	355	369	346	260	442	257	426
	1992	925	390	496	295	268	363	311	469
	$1,000, 1997	8 898	3 552	4 940	2 007	2 029	2 783	1 866	2 211
	1992	7 208	3 699	4 524	2 062	1 675	2 093	1 562	3 004
Not secured by real estate	farms, 1997	912	322	438	222	225	271	177	316
	1992	1 039	439	517	317	246	254	247	370
	$1,000, 1997	8 981	2 330	2 964	1 485	1 037	1 041	706	1 130
	1992	8 337	2 451	2 617	1 338	1 422	735	743	1 689
Cash rent	farms, 1997	1 029	470	490	195	231	210	149	263
	1992	1 030	417	584	264	160	130	178	263
	$1,000, 1997	23 250	8 687	13 035	3 149	2 166	1 591	3 892	3 378
	1992	15 944	6 936	12 954	2 949	1 751	1 336	2 219	2 523
Property taxes paid	farms, 1997	1 527	788	984	710	642	774	757	1 092
	1992	1 718	826	1 139	643	622	717	668	1 111
	$1,000, 1997	3 732	2 918	3 015	1 743	1 421	1 861	1 749	2 592
	1992	3 578	2 437	3 296	1 546	1 583	1 600	1 348	2 513
All other farm production expenses	farms, 1997	1 727	902	1 083	671	642	745	731	1 082
	1992	1 948	967	1 240	720	643	728	658	1 109
	$1,000, 1997	24 976	7 409	9 011	3 324	2 786	3 101	2 677	4 372
	1992	16 707	6 767	7 368	4 104	3 352	2 535	2 484	3 833

Table 3. **Farm Production Expenses: 1997 and 1992** —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, 1997	1 062	729	936	606	1 450	1 308	607	716
	1992	1 078	733	1 059	644	1 495	1 255	643	811
	$1,000, 1997	120 050	26 130	105 595	53 161	94 934	115 872	53 185	137 341
	1992	98 536	28 007	82 000	48 704	95 420	127 464	53 017	70 502
Average per farm	dollars, 1997	113 042	35 844	112 815	87 724	65 472	88 587	87 620	191 816
	1992	91 407	38 209	77 432	75 628	63 826	101 565	82 453	86 932
Livestock and poultry purchased	farms, 1997	376	276	181	107	562	429	154	106
	1992	566	219	353	184	758	543	236	180
	$1,000, 1997	19 183	2 701	9 343	2 562	9 763	21 594	2 662	8 177
	1992	13 645	2 912	7 675	2 665	14 829	46 474	5 065	5 697
Feed for livestock and poultry	farms, 1997	514	448	289	197	911	666	265	176
	1992	825	467	414	279	1 109	732	373	255
	$1,000, 1997	34 096	3 062	16 493	3 191	19 782	14 055	6 959	37 663
	1992	31 002	3 676	14 422	4 251	22 713	16 675	7 944	6 447
Commercially mixed formula feeds	farms, 1997	393	218	174	109	644	365	161	108
	1992	432	160	207	145	705	315	176	130
	$1,000, 1997	16 486	921	4 195	1 544	10 339	5 998	5 222	34 464
	1992	16 541	1 250	9 034	1 929	10 796	5 418	4 310	3 187
Seeds, bulbs, plants, and trees	farms, 1997	811	494	813	483	1 033	883	474	620
	1992	847	597	916	575	1 175	953	517	729
	$1,000, 1997	5 486	1 807	7 562	4 559	5 221	7 781	4 252	6 110
	1992	3 900	1 550	5 564	3 630	3 939	5 562	3 442	5 220
Commercial fertilizer	farms, 1997	710	499	789	460	982	890	440	569
	1992	778	576	880	520	1 101	949	482	699
	$1,000, 1997	6 864	2 653	10 375	6 727	7 399	11 072	5 632	8 607
	1992	5 208	3 217	7 804	4 790	5 748	9 157	4 791	7 597
Agricultural chemicals	farms, 1997	729	392	730	406	937	900	435	575
	1992	862	523	885	532	1 143	950	487	716
	$1,000, 1997	6 162	1 790	8 279	4 788	4 594	8 069	4 377	6 813
	1992	4 454	1 597	6 363	3 540	3 355	6 622	3 335	5 437
Petroleum products	farms, 1997	976	705	858	561	1 371	1 164	556	666
	1992	1 050	640	1 043	644	1 428	1 189	621	794
	$1,000, 1997	4 688	1 576	4 321	3 127	5 328	4 667	3 033	4 105
	1992	4 124	1 732	4 497	3 544	4 834	4 634	3 561	4 237
Gasoline and gasohol	farms, 1997	768	570	736	487	1 217	982	481	504
	1992	858	542	867	585	1 289	1 020	548	686
	$1,000, 1997	1 066	424	926	690	1 323	1 096	688	662
	1992	937	615	1 110	735	1 398	1 153	681	961
Diesel fuel	farms, 1997	713	485	742	452	1 014	887	455	576
	1992	804	438	818	484	1 119	776	464	639
	$1,000, 1997	1 803	703	2 246	1 358	1 968	2 287	1 172	1 941
	1992	1 502	687	2 056	1 306	1 916	2 014	1 353	1 990
Natural gas	farms, 1997	71	25	28	18	39	82	29	31
	1992	55	49	95	30	44	80	30	58
	$1,000, 1997	266	34	53	39	58	175	60	55
	1992	167	54	110	47	65	151	95	147
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1997	848	557	794	478	1 096	941	479	616
	1992	927	593	914	573	1 233	938	545	720
	$1,000, 1997	1 553	414	1 096	1 041	1 979	1 109	1 114	1 448
	1992	1 518	377	1 220	1 455	1 456	1 316	1 432	1 141
Electricity	farms, 1997	912	509	779	515	1 145	1 092	492	586
	1992	932	531	876	578	1 292	971	532	708
	$1,000, 1997	1 608	453	1 193	1 099	2 417	1 697	803	1 547
	1992	1 594	457	1 225	839	2 379	1 698	724	1 094
Hired farm labor	farms, 1997	371	195	312	249	570	517	208	294
	1992	431	221	437	245	618	493	211	401
	$1,000, 1997	4 919	679	4 673	1 345	3 477	4 092	1 335	9 483
	1992	3 748	586	3 573	1 144	3 346	3 270	1 022	2 579
Contract labor	farms, 1997	43	51	46	37	105	104	54	41
	1992	70	49	50	60	82	155	32	63
	$1,000, 1997	618	124	477	193	309	325	127	154
	1992	340	40	93	93	119	511	78	377
Repair and maintenance	farms, 1997	946	600	829	531	1 305	1 086	521	606
	1992	971	612	924	617	1 251	1 088	567	714
	$1,000, 1997	6 414	1 930	6 634	3 577	7 825	6 931	2 960	5 886
	1992	5 902	2 155	6 003	3 818	6 279	6 065	2 969	4 724
Customwork, machine hire, and rental of machinery and equipment	farms, 1997	502	423	438	241	765	602	211	312
	1992	528	342	496	337	887	650	295	378
	$1,000, 1997	2 064	1 131	2 261	638	2 149	2 477	569	1 620
	1992	1 416	1 016	1 462	1 177	2 117	2 278	611	1 674
Interest	farms, 1997	597	400	613	413	881	707	403	519
	1992	708	426	687	446	961	677	417	560
	$1,000, 1997	6 658	2 219	6 479	4 357	7 675	7 091	4 274	11 493
	1992	6 342	2 723	5 248	5 228	7 799	6 735	4 647	7 015
Interest paid on debt: Secured by real estate	farms, 1997	419	297	347	282	641	435	305	274
	1992	476	302	454	319	653	456	290	294
	$1,000, 1997	4 407	1 415	3 415	2 481	4 315	3 919	2 640	6 385
	1992	3 889	1 716	2 987	3 173	5 193	4 074	2 924	4 040
Not secured by real estate	farms, 1997	364	243	439	286	627	488	276	351
	1992	479	292	448	318	687	458	279	403
	$1,000, 1997	2 251	804	3 064	1 876	3 359	3 172	1 635	5 108
	1992	2 453	1 007	2 261	2 055	2 606	2 660	1 723	2 975
Cash rent	farms, 1997	361	200	447	278	464	498	327	383
	1992	357	165	427	335	491	379	326	422
	$1,000, 1997	7 616	1 539	10 259	10 528	5 936	13 577	9 660	22 396
	1992	6 087	1 772	7 488	9 117	5 533	7 813	8 467	10 554
Property taxes paid	farms, 1997	980	697	737	507	1 317	1 128	561	582
	1992	879	687	852	533	1 275	1 009	545	615
	$1,000, 1997	3 352	1 764	2 721	1 840	3 517	3 483	1 947	2 383
	1992	2 984	1 535	2 329	1 461	3 681	3 316	1 939	2 054
All other farm production expenses	farms, 1997	969	685	935	560	1 353	1 222	573	691
	1992	1 042	702	1 043	626	1 461	1 215	614	787
	$1,000, 1997	10 323	2 703	14 524	4 628	9 542	8 962	4 595	10 904
	1992	7 790	3 037	8 255	3 407	8 748	6 655	4 421	5 796

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992

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

Item		Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
NET CASH RETURN[1]								
Net cash return from agricultural sales for the farm unit (see text)	farms, 1997	90 786	791	573	959	797	649	1 209
	1992	96 541	892	643	999	827	740	1 325
	$1,000, 1997	2 969 179	18 149	11 760	19 050	6 166	19 185	39 739
	1992	2 193 209	15 587	9 813	18 512	9 007	17 040	25 507
Average per farm	dollars, 1997	32 705	22 944	20 523	19 864	7 736	29 560	32 870
	1992	22 718	17 475	15 262	18 531	10 891	23 027	19 251
Farms with net gains[2]	number, 1997	60 033	589	337	578	441	390	804
	1992	66 215	615	424	656	480	518	803
	$1,000, 1997	3 256 653	19 828	14 404	22 796	7 879	22 783	43 495
	1992	2 477 696	17 633	11 694	22 394	10 696	19 335	31 245
Average per farm	dollars, 1997	54 248	33 663	42 742	39 439	17 867	58 418	54 099
	1992	37 419	28 671	27 580	34 137	22 283	37 327	38 911
Farms with net losses	number, 1997	30 753	202	236	381	356	259	405
	1992	30 326	277	219	343	347	222	522
	$1,000, 1997	287 473	1 679	2 645	3 746	1 714	3 598	3 756
	1992	284 487	2 045	1 881	3 882	1 689	2 295	5 738
Average per farm	dollars, 1997	9 348	8 311	11 206	9 831	4 813	13 893	9 274
	1992	9 381	7 383	8 588	11 317	4 869	10 339	10 992
GOVERNMENT PAYMENTS								
Total received	farms, 1997	67 795	594	440	743	499	497	890
	1992	61 681	558	401	576	385	527	874
	$1,000, 1997	536 924	4 198	3 480	4 717	2 954	4 450	7 615
	1992	477 958	3 669	3 020	3 842	1 833	4 414	7 068
Average per farm	dollars, 1997	7 920	7 067	7 910	6 349	5 920	8 953	8 556
	1992	7 749	6 575	7 530	6 669	4 760	8 375	8 087
Amount from Conservation Reserve and Wetlands Reserve Programs	farms, 1997	24 129	255	245	363	278	187	299
	1992	15 236	154	190	212	160	149	179
	$1,000, 1997	127 771	1 539	1 693	2 238	1 871	988	1 570
	1992	92 030	1 137	1 495	1 459	842	1 167	1 178
Average per farm	dollars, 1997	5 295	6 034	6 912	6 166	6 732	5 282	5 251
	1992	6 040	7 384	7 869	6 882	5 262	7 831	6 579
OTHER FARM-RELATED INCOME[1]								
Gross before taxes and expenses	farms, 1997	39 905	379	233	566	210	295	461
	1992	34 193	327	188	440	153	253	360
	$1,000, 1997	260 021	2 185	2 334	2 563	596	1 413	3 567
	1992	194 941	1 316	892	2 037	355	2 334	2 363
Average per farm	dollars, 1997	6 516	5 765	10 019	4 529	2 838	4 790	7 738
	1992	5 701	4 023	4 744	4 629	2 319	9 224	6 565
Customwork and other agricultural services	farms, 1997	10 656	89	35	68	64	33	140
	1992	13 093	104	53	123	61	97	163
	$1,000, 1997	86 843	821	260	741	194	337	926
	1992	85 141	584	304	593	155	699	1 503
Rental of farmland	farms, 1997	11 241	134	97	173	106	58	150
	1992	9 853	107	67	161	46	65	118
	$1,000, 1997	134 239	958	1 985	869	381	717	2 337
	1992	86 052	613	553	844	81	1 505	656
Sales of forest products, excluding Christmas trees and maple products[3]	farms, 1997	774	–	–	65	–	–	–
	1992	630	–	1	47	9	–	3
	$1,000, 1997	4 037	–	–	496	–	–	–
	1992	2 644	–	(D)	419	4	–	(D)
Other farm-related income sources	farms, 1997	28 494	262	163	446	79	274	289
	1992	18 831	194	96	270	45	162	121
	$1,000, 1997	34 902	406	90	458	20	359	304
	1992	21 104	119	(D)	180	116	130	(D)
DIRECT SALES								
Value of agricultural products sold directly to individuals for human consumption (see text)	farms, 1997	2 174	17	8	21	6	18	47
	1992	2 235	17	13	22	10	6	39
	$1,000, 1997	7 475	23	7	162	5	29	79
	1992	5 382	7	19	88	8	5	85
Average per farm	dollars, 1997	3 438	1 361	840	7 733	888	1 597	1 682
	1992	2 408	401	1 491	4 020	829	805	2 171
COMMODITY CREDIT CORPORATION LOANS								
Total	farms, 1997	12 999	101	59	140	26	98	195
	1992	17 632	97	75	127	42	138	265
	$1,000, 1997	508 209	3 331	2 136	2 107	486	4 284	10 795
	1992	574 092	2 318	2 237	1 575	482	5 621	8 560
Corn	farms, 1997	11 532	88	49	136	18	84	170
	1992	16 242	89	65	123	32	126	239
	$1,000, 1997	313 831	1 829	984	1 935	265	2 207	5 427
	1992	420 735	1 531	1 520	1 474	320	3 960	5 399
Wheat	farms, 1997	14	–	–	–	1	–	–
	1992	15	–	–	–	–	–	–
	$1,000, 1997	17	–	–	–	(D)	–	–
	1992	43	–	–	–	–	–	–
Soybeans	farms, 1997	6 070	58	28	12	13	50	129
	1992	6 581	33	32	7	20	68	129
	$1,000, 1997	194 281	1 502	(D)	171	(D)	(D)	5 367
	1992	152 185	(D)	(D)	78	(D)	(D)	3 152

See footnotes at end of table.

Table 4. **Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992**—Con.

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

Item		Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
NET CASH RETURN[1]								
Net cash return from agricultural sales for the farm unit (see text)	farms, 1997	1 001	863	981	1 135	866	1 085	792
	1992	1 110	922	1 058	1 194	973	1 146	899
	$1,000, 1997	26 399	33 282	23 996	31 748	57 494	33 186	43 026
	1992	18 195	30 019	19 713	24 528	39 631	23 683	37 741
Average per farm	dollars, 1997	26 373	38 566	24 460	27 971	66 391	30 586	54 326
	1992	16 392	32 559	18 632	20 542	40 730	20 665	41 981
Farms with net gains[2]	number, 1997	692	655	683	753	726	750	607
	1992	691	689	686	875	818	765	731
	$1,000, 1997	29 137	35 430	25 995	35 009	59 349	35 616	44 814
	1992	22 284	31 765	22 336	27 544	40 743	27 366	38 825
Average per farm	dollars, 1997	42 105	54 092	38 060	46 492	81 749	47 488	73 829
	1992	32 248	46 103	32 560	31 479	49 808	35 773	53 112
Farms with net losses	number, 1997	309	208	298	382	140	335	185
	1992	419	233	372	319	155	381	168
	$1,000, 1997	2 737	2 148	1 999	3 261	1 855	2 430	1 788
	1992	4 088	1 746	2 623	3 017	1 112	3 684	1 084
Average per farm	dollars, 1997	8 858	10 326	6 709	8 537	13 251	7 253	9 666
	1992	9 757	7 493	7 052	9 457	7 177	9 668	6 450
GOVERNMENT PAYMENTS								
Total received	farms, 1997	767	642	735	798	685	830	629
	1992	698	613	643	764	709	769	670
	$1,000, 1997	6 128	5 084	6 632	7 400	5 385	6 752	5 005
	1992	5 484	4 554	4 237	6 405	5 000	6 184	4 639
Average per farm	dollars, 1997	7 989	7 920	9 022	9 273	7 861	8 135	7 958
	1992	7 857	7 429	6 589	8 383	7 053	8 041	6 923
Amount from Conservation Reserve and Wetlands Reserve Programs	farms, 1997	178	157	179	165	121	304	131
	1992	62	96	109	93	91	190	108
	$1,000, 1997	374	422	459	508	370	1 407	330
	1992	163	285	326	382	320	1 251	333
Average per farm	dollars, 1997	2 104	2 690	2 566	3 081	3 059	4 629	2 521
	1992	2 626	2 970	2 994	4 104	3 521	6 587	3 083
OTHER FARM-RELATED INCOME[1]								
Gross before taxes and expenses	farms, 1997	506	402	464	443	504	405	428
	1992	402	328	379	366	305	380	343
	$1,000, 1997	2 851	1 947	2 303	3 155	3 101	3 914	2 030
	1992	2 406	1 326	1 752	1 911	2 336	1 875	2 163
Average per farm	dollars, 1997	5 635	4 843	4 963	7 121	6 152	9 664	4 743
	1992	5 984	4 042	4 623	5 221	7 658	4 935	6 306
Customwork and other agricultural services	farms, 1997	130	132	177	151	137	154	123
	1992	167	141	188	134	119	178	126
	$1,000, 1997	1 056	651	1 233	752	1 869	562	797
	1992	1 130	639	1 012	873	1 035	948	708
Rental of farmland	farms, 1997	132	111	148	129	98	130	52
	1992	109	61	110	107	72	141	40
	$1,000, 1997	1 354	1 069	803	2 243	720	3 124	540
	1992	1 047	506	610	933	1 074	860	985
Sales of forest products, excluding Christmas trees and maple products[3]	farms, 1997	10	–	14	10	–	7	7
	1992	1	8	23	–	–	1	1
	$1,000, 1997	6	–	36	25	–	7	1
	1992	(D)	6	19	–	–	(D)	(D)
Other farm-related income sources	farms, 1997	373	284	287	272	413	205	393
	1992	213	203	177	170	197	130	294
	$1,000, 1997	436	226	231	135	512	221	692
	1992	(D)	174	111	104	226	(D)	(D)
DIRECT SALES								
Value of agricultural products sold directly to individuals for human consumption (see text)	farms, 1997	46	25	26	39	17	20	15
	1992	54	31	32	41	20	26	18
	$1,000, 1997	222	71	44	69	14	15	16
	1992	137	68	36	48	13	28	28
Average per farm	dollars, 1997	4 816	2 828	1 693	1 774	825	754	1 065
	1992	2 532	2 192	1 112	1 175	652	1 080	1 578
COMMODITY CREDIT CORPORATION LOANS								
Total	farms, 1997	154	90	179	185	120	159	112
	1992	236	143	250	244	213	270	152
	$1,000, 1997	6 683	2 915	7 214	8 522	4 285	6 445	3 057
	1992	9 363	5 742	8 358	9 162	6 054	8 554	3 094
Corn	farms, 1997	130	82	164	164	106	142	100
	1992	224	139	241	236	191	245	137
	$1,000, 1997	4 234	2 010	4 715	5 344	2 626	4 172	1 919
	1992	7 461	4 428	6 865	7 645	4 157	6 316	2 300
Wheat	farms, 1997	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–
	$1,000, 1997	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–
Soybeans	farms, 1997	73	40	82	96	56	69	49
	1992	82	45	81	77	81	97	54
	$1,000, 1997	2 448	904	(D)	(D)	1 659	(D)	1 138
	1992	(D)	1 314	1 482	(D)	(D)	2 238	(D)

See footnotes at end of table.

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992—Con.

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

Item		Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
NET CASH RETURN[1]								
Net cash return from agricultural sales for the farm unit (see text)	farms, 1997	1 102	804	964	822	889	927	678
	1992	1 196	906	1 100	821	978	1 007	680
	$1,000, 1997	54 550	19 289	26 724	28 853	33 240	27 440	2 988
	1992	44 026	22 307	16 465	21 717	33 670	15 765	6 063
Average per farm	dollars, 1997	49 501	23 991	27 722	35 101	37 390	29 601	4 408
	1992	36 811	24 622	14 968	26 452	34 428	15 655	8 916
Farms with net gains[2]	number, 1997	784	532	634	570	679	641	319
	1992	984	673	716	545	756	594	389
	$1,000, 1997	59 554	22 481	30 419	32 389	36 023	29 827	8 431
	1992	47 158	24 185	22 086	24 631	36 094	19 312	7 707
Average per farm	dollars, 1997	75 962	42 258	47 979	56 823	53 053	46 532	26 430
	1992	47 925	35 936	30 847	45 195	47 744	32 511	19 811
Farms with net losses	number, 1997	318	272	330	252	210	286	359
	1992	212	233	384	276	222	413	291
	$1,000, 1997	5 004	3 193	3 695	3 536	2 783	2 387	5 443
	1992	3 132	1 878	5 621	2 914	2 424	3 547	1 644
Average per farm	dollars, 1997	15 735	11 737	11 197	14 032	13 254	8 348	15 161
	1992	14 774	8 060	14 639	10 559	10 918	8 589	5 648
GOVERNMENT PAYMENTS								
Total received	farms, 1997	840	600	716	641	686	720	480
	1992	761	582	714	590	678	682	401
	$1,000, 1997	5 171	4 814	7 502	6 429	5 220	5 429	3 215
	1992	4 517	4 242	7 143	6 162	4 603	5 096	2 589
Average per farm	dollars, 1997	6 155	8 024	10 477	10 030	7 609	7 540	6 699
	1992	5 935	7 289	10 004	10 443	6 788	7 472	6 457
Amount from Conservation Reserve and Wetlands Reserve Programs	farms, 1997	140	208	229	207	125	219	300
	1992	83	123	131	156	70	189	192
	$1,000, 1997	543	1 239	1 008	951	583	737	2 164
	1992	403	723	797	772	357	850	1 496
Average per farm	dollars, 1997	3 880	5 959	4 400	4 594	4 668	3 366	7 215
	1992	4 861	5 879	6 081	4 949	5 094	4 497	7 791
OTHER FARM-RELATED INCOME[1]								
Gross before taxes and expenses	farms, 1997	557	248	380	423	367	452	230
	1992	461	347	290	361	362	460	135
	$1,000, 1997	3 980	1 720	3 846	3 349	2 971	2 394	1 107
	1992	2 716	1 557	2 162	1 808	2 211	2 023	944
Average per farm	dollars, 1997	7 145	6 936	10 122	7 918	8 096	5 296	4 813
	1992	5 892	4 488	7 455	5 009	6 107	4 399	6 990
Customwork and other agricultural services	farms, 1997	123	72	144	83	91	88	74
	1992	154	130	120	104	95	142	48
	$1,000, 1997	1 813	597	1 246	883	1 194	983	438
	1992	1 332	860	694	692	1 159	503	341
Rental of farmland	farms, 1997	96	78	105	130	78	121	80
	1992	80	98	96	98	67	83	47
	$1,000, 1997	1 494	981	2 105	2 113	1 407	911	561
	1992	955	562	1 103	949	673	1 031	590
Sales of forest products, excluding Christmas trees and maple products[3]	farms, 1997	–	1	12	5	–	7	8
	1992	1	1	14	–	–	–	–
	$1,000, 1997	–	(D)	96	(Z)	–	13	6
	1992	(D)	(D)	41	–	–	–	–
Other farm-related income sources	farms, 1997	475	148	252	304	282	367	135
	1992	362	167	108	208	275	325	61
	$1,000, 1997	673	(D)	400	353	370	487	102
	1992	(D)	(D)	323	167	379	489	12
DIRECT SALES								
Value of agricultural products sold directly to individuals for human consumption (see text)	farms, 1997	22	14	38	18	13	25	11
	1992	21	14	29	26	10	19	10
	$1,000, 1997	56	16	131	90	14	91	7
	1992	40	24	40	29	8	46	20
Average per farm	dollars, 1997	2 534	1 153	3 439	4 972	1 085	3 648	651
	1992	1 881	1 743	1 381	1 132	825	2 409	1 958
COMMODITY CREDIT CORPORATION LOANS								
Total	farms, 1997	156	108	174	168	167	198	49
	1992	209	144	258	242	253	253	55
	$1,000, 1997	3 747	4 275	9 095	9 708	6 418	9 336	1 133
	1992	4 703	5 586	9 574	9 934	7 498	9 528	1 147
Corn	farms, 1997	142	93	154	145	132	184	32
	1992	191	136	249	232	216	241	41
	$1,000, 1997	2 166	2 393	5 591	5 961	3 441	5 724	398
	1992	3 285	4 108	7 630	7 797	4 438	7 701	684
Wheat	farms, 1997	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–
	$1,000, 1997	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–
Soybeans	farms, 1997	61	58	107	101	99	102	28
	1992	77	44	84	85	131	91	30
	$1,000, 1997	(D)	1 882	3 505	(D)	2 976	(D)	735
	1992	1 417	(D)	1 943	2 137	(D)	(D)	(D)

See footnotes at end of table.

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992—Con.

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

Item		Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
NET CASH RETURN[1]								
Net cash return from agricultural sales for the farm unit (see text)	farms, 1997	668	1 639	1 266	1 108	917	883	732
	1992	770	1 616	1 362	1 259	942	892	649
	$1,000, 1997	36 444	37 723	30 499	28 362	41 496	13 080	13 733
	1992	25 791	37 294	20 514	21 449	25 439	6 847	7 057
Average per farm	dollars, 1997	54 557	23 016	24 091	25 597	45 252	14 813	18 761
	1992	33 495	23 078	15 062	17 037	27 006	7 676	10 874
Farms with net gains[2]	number, 1997	493	1 021	747	742	609	474	340
	1992	572	1 135	808	843	550	492	402
	$1,000, 1997	38 736	43 219	36 039	31 066	43 924	16 128	16 492
	1992	27 358	41 606	26 615	25 666	28 886	9 640	8 726
Average per farm	dollars, 1997	78 572	42 330	48 245	41 867	72 125	34 026	48 507
	1992	47 829	36 657	32 939	30 446	52 521	19 593	21 707
Farms with net losses	number, 1997	175	618	519	366	308	409	392
	1992	198	481	554	416	392	400	247
	$1,000, 1997	2 292	5 496	5 541	2 704	2 428	3 049	2 759
	1992	1 567	4 312	6 101	4 216	3 447	2 793	1 669
Average per farm	dollars, 1997	13 096	8 893	10 676	7 388	7 884	7 454	7 039
	1992	7 912	8 964	11 012	10 136	8 794	6 982	6 758
GOVERNMENT PAYMENTS								
Total received	farms, 1997	543	1 230	958	815	609	557	484
	1992	605	929	932	819	532	424	324
	$1,000, 1997	4 687	9 034	9 086	5 919	4 856	3 670	3 052
	1992	5 053	6 878	8 222	5 549	4 075	3 280	2 276
Average per farm	dollars, 1997	8 632	7 344	9 484	7 262	7 973	6 590	6 306
	1992	8 351	7 404	8 821	6 775	7 659	7 737	7 024
Amount from Conservation Reserve and Wetlands Reserve Programs	farms, 1997	172	524	309	238	208	345	307
	1992	144	325	193	162	131	243	188
	$1,000, 1997	862	3 383	2 091	1 323	709	2 352	2 034
	1992	815	2 225	1 414	1 194	488	1 819	1 423
Average per farm	dollars, 1997	5 012	6 457	6 767	5 558	3 410	6 816	6 627
	1992	5 658	6 845	7 327	7 368	3 723	7 485	7 571
OTHER FARM-RELATED INCOME[1]								
Gross before taxes and expenses	farms, 1997	307	909	482	499	359	200	223
	1992	296	686	431	437	314	207	135
	$1,000, 1997	1 897	4 667	2 797	3 777	3 043	837	849
	1992	900	3 688	2 580	2 800	2 124	578	893
Average per farm	dollars, 1997	6 178	5 134	5 802	7 569	8 476	4 186	3 809
	1992	3 041	5 376	5 985	6 408	6 766	2 790	6 615
Customwork and other agricultural services	farms, 1997	73	158	165	94	139	84	74
	1992	107	243	206	134	109	82	51
	$1,000, 1997	797	1 136	1 223	713	2 087	508	438
	1992	638	1 504	1 139	703	1 381	381	584
Rental of farmland	farms, 1997	87	262	134	167	104	68	75
	1992	56	142	168	150	90	92	60
	$1,000, 1997	781	2 390	1 239	2 641	751	291	312
	1992	137	1 421	1 268	1 867	604	162	301
Sales of forest products, excluding Christmas trees and maple products[3]	farms, 1997	6	68	6	–	–	17	13
	1992	–	85	14	1	1	18	7
	$1,000, 1997	(Z)	625	26	–	–	16	60
	1992	–	297	81	(D)	(D)	30	1
Other farm-related income sources	farms, 1997	243	692	287	385	190	72	109
	1992	202	451	141	233	173	34	29
	$1,000, 1997	319	517	309	423	205	23	40
	1992	125	466	91	(D)	(D)	4	7
DIRECT SALES								
Value of agricultural products sold directly to individuals for human consumption (see text)	farms, 1997	15	36	40	13	35	30	12
	1992	12	21	47	15	44	27	14
	$1,000, 1997	10	60	55	32	138	26	19
	1992	11	16	75	11	86	18	23
Average per farm	dollars, 1997	674	1 673	1 372	2 468	3 929	850	1 601
	1992	930	768	1 603	709	1 965	670	1 669
COMMODITY CREDIT CORPORATION LOANS								
Total	farms, 1997	119	247	238	166	89	57	42
	1992	177	280	310	257	129	68	40
	$1,000, 1997	5 560	6 935	11 453	7 770	5 400	1 710	1 172
	1992	7 034	6 560	10 425	7 994	5 756	1 543	997
Corn	farms, 1997	101	234	219	141	82	42	29
	1992	152	277	300	238	112	61	32
	$1,000, 1997	2 977	5 878	7 937	4 694	3 136	679	357
	1992	4 275	6 177	8 308	5 865	4 190	1 057	612
Wheat	farms, 1997	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–
	$1,000, 1997	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–
Soybeans	farms, 1997	73	39	112	94	41	39	27
	1992	86	20	100	104	60	32	17
	$1,000, 1997	(D)	1 049	(D)	3 076	2 264	1 031	815
	1992	(D)	375	(D)	2 107	(D)	(D)	385

See footnotes at end of table.

Table 4. **Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992**—Con.

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

Item		Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
NET CASH RETURN[1]									
Net cash return from agricultural sales for the farm unit (see text)	farms, 1997	1 279	652	512	1 578	519	1 295	852	859
	1992	1 366	680	554	1 652	557	1 416	882	929
	$1,000, 1997	46 861	18 434	14 708	38 006	30 576	45 815	25 493	37 585
	1992	38 389	12 902	14 826	38 051	13 832	32 249	19 550	23 018
Average per farm	dollars, 1997	36 639	28 272	28 727	24 085	58 914	35 378	29 921	43 754
	1992	28 103	18 973	26 762	23 033	24 834	22 775	22 165	24 777
Farms with net gains[2]	number, 1997	918	444	312	944	385	914	570	631
	1992	919	489	430	1 092	397	1 019	635	662
	$1,000, 1997	50 157	19 664	16 339	44 207	32 073	48 769	28 210	40 127
	1992	43 233	14 381	16 028	44 506	15 537	36 183	22 395	25 784
Average per farm	dollars, 1997	54 637	44 289	52 369	46 830	83 306	53 358	49 492	63 593
	1992	47 043	29 409	37 273	40 757	39 136	35 508	35 267	38 948
Farms with net losses	number, 1997	361	208	200	634	134	381	282	228
	1992	447	191	124	560	160	397	247	267
	$1,000, 1997	3 296	1 231	1 631	6 201	1 496	2 954	2 717	2 542
	1992	4 844	1 480	1 202	6 455	1 705	3 933	2 845	2 766
Average per farm	dollars, 1997	9 131	5 917	8 155	9 780	11 166	7 754	9 636	11 150
	1992	10 837	7 746	9 690	11 527	10 653	9 908	11 518	10 359
GOVERNMENT PAYMENTS									
Total received	farms, 1997	993	493	415	1 109	440	1 020	673	692
	1992	850	383	374	790	439	919	616	705
	$1,000, 1997	7 222	3 315	3 490	5 760	4 237	7 555	5 722	8 812
	1992	6 157	2 912	3 057	4 282	4 047	6 941	5 266	6 982
Average per farm	dollars, 1997	7 273	6 723	8 410	5 194	9 630	7 407	8 502	12 734
	1992	7 244	7 603	8 175	5 421	9 220	7 553	8 548	9 904
Amount from Conservation Reserve and Wetlands Reserve Programs	farms, 1997	280	170	162	335	147	309	267	199
	1992	142	94	115	189	108	198	187	150
	$1,000, 1997	982	653	803	1 781	901	1 169	978	780
	1992	575	346	667	1 085	747	1 046	826	643
Average per farm	dollars, 1997	3 508	3 842	4 959	5 316	6 128	3 784	3 662	3 918
	1992	4 049	3 679	5 804	5 741	6 914	5 282	4 418	4 285
OTHER FARM-RELATED INCOME[1]									
Gross before taxes and expenses	farms, 1997	719	233	300	620	317	591	399	374
	1992	571	251	248	462	206	578	301	295
	$1,000, 1997	3 562	1 949	1 895	3 349	1 854	3 620	2 861	3 535
	1992	2 034	1 294	1 092	2 627	723	3 383	1 298	2 509
Average per farm	dollars, 1997	4 954	8 366	6 316	5 402	5 849	6 125	7 170	9 452
	1992	3 563	5 156	4 403	5 687	3 508	5 854	4 313	8 507
Customwork and other agricultural services	farms, 1997	160	90	91	125	46	120	92	128
	1992	223	127	61	122	65	162	122	146
	$1,000, 1997	1 110	720	589	1 223	346	758	673	967
	1992	852	643	375	1 227	237	609	583	743
Rental of farmland	farms, 1997	140	74	70	199	87	129	169	143
	1992	124	105	82	211	36	194	69	71
	$1,000, 1997	1 770	1 064	1 002	1 372	1 077	1 829	2 045	2 129
	1992	922	587	512	1 155	297	2 158	549	1 593
Sales of forest products, excluding Christmas trees and maple products[3]	farms, 1997	24	15	–	31	7	18	1	1
	1992	2	2	2	3	–	31	5	1
	$1,000, 1997	124	108	–	411	12	370	(D)	(D)
	1992	(D)	(D)	(D)	6	–	234	(D)	(D)
Other farm-related income sources	farms, 1997	593	99	264	432	275	507	227	227
	1992	365	46	173	214	162	385	202	125
	$1,000, 1997	558	58	303	343	419	663	(D)	(D)
	1992	(D)	(D)	(D)	239	188	383	(D)	(D)
DIRECT SALES									
Value of agricultural products sold directly to individuals for human consumption (see text)	farms, 1997	26	22	8	37	7	37	19	16
	1992	25	15	10	38	10	39	13	18
	$1,000, 1997	339	43	36	144	12	215	29	20
	1992	28	18	51	65	10	54	29	55
Average per farm	dollars, 1997	13 033	1 968	4 456	3 892	1 745	5 818	1 510	1 273
	1992	1 121	1 199	5 076	1 719	1 018	1 389	2 230	3 053
COMMODITY CREDIT CORPORATION LOANS									
Total	farms, 1997	313	73	81	198	155	273	159	214
	1992	302	100	108	158	195	319	265	324
	$1,000, 1997	9 126	2 553	3 534	3 201	8 825	9 796	11 179	10 857
	1992	7 277	4 064	4 423	2 015	8 410	9 053	12 289	13 717
Corn	farms, 1997	301	65	68	194	134	256	143	196
	1992	299	97	93	155	188	302	253	303
	$1,000, 1997	6 604	1 711	1 703	2 870	4 958	6 521	7 308	7 163
	1992	6 689	2 818	2 634	1 943	5 813	7 107	9 163	10 512
Wheat	farms, 1997	–	–	–	–	–	–	–	1
	1992	–	2	–	–	–	–	–	–
	$1,000, 1997	–	–	–	–	–	–	–	(D)
	1992	–	(D)	–	–	–	–	–	–
Soybeans	farms, 1997	84	29	49	23	101	127	91	99
	1992	35	43	68	9	93	98	118	119
	$1,000, 1997	2 521	843	1 831	331	(D)	(D)	(D)	(D)
	1992	583	(D)	(D)	72	(D)	1 898	(D)	(D)

See footnotes at end of table.

Table 4. **Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992**—Con.

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

Item		Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
NET CASH RETURN[1]									
Net cash return from agricultural sales for the farm unit (see text)	farms, 1997	567	763	753	846	789	849	856	876
	1992	597	851	854	946	875	939	986	919
	$1,000, 1997	30 063	37 015	38 895	20 789	57 891	34 953	43 787	33 554
	1992	24 929	35 566	26 980	20 608	34 684	23 846	27 713	27 400
Average per farm	dollars, 1997	53 022	48 513	51 654	24 573	73 372	41 170	51 153	38 303
	1992	41 757	41 794	31 593	21 784	39 639	25 395	28 107	29 815
Farms with net gains[2]	number, 1997	433	647	613	444	617	645	604	586
	1992	502	651	701	605	719	685	699	727
	$1,000, 1997	31 730	38 236	40 437	23 838	60 040	37 390	47 920	35 960
	1992	25 938	37 401	28 897	22 524	36 243	26 257	29 816	29 061
Average per farm	dollars, 1997	73 278	59 098	65 965	53 690	97 310	57 968	79 338	61 365
	1992	51 670	57 452	41 223	37 229	50 407	38 332	42 655	39 974
Farms with net losses	number, 1997	134	116	140	402	172	204	252	290
	1992	95	200	153	341	156	254	287	192
	$1,000, 1997	1 666	1 221	1 541	3 050	2 149	2 436	4 133	2 406
	1992	1 010	1 835	1 917	1 916	1 559	2 412	2 103	1 661
Average per farm	dollars, 1997	12 435	10 526	11 010	7 586	12 497	11 943	16 402	8 297
	1992	10 629	9 173	12 528	5 618	9 991	9 494	7 326	8 650
GOVERNMENT PAYMENTS									
Total received	farms, 1997	472	599	591	636	629	703	649	637
	1992	432	621	616	571	662	713	706	592
	$1,000, 1997	3 582	4 903	6 616	4 698	5 728	6 852	6 490	4 643
	1992	3 578	5 244	5 858	3 846	6 182	5 962	6 466	4 568
Average per farm	dollars, 1997	7 589	8 185	11 195	7 387	9 107	9 746	10 001	7 289
	1992	8 284	8 444	9 509	6 736	9 338	8 362	9 159	7 716
Amount from Conservation Reserve and Wetlands Reserve Programs	farms, 1997	160	178	91	280	145	178	141	203
	1992	92	127	41	197	106	130	103	139
	$1,000, 1997	726	640	167	1 764	419	581	461	919
	1992	865	541	120	1 311	378	446	368	894
Average per farm	dollars, 1997	4 534	3 598	1 833	6 299	2 891	3 262	3 269	4 527
	1992	9 404	4 258	2 919	6 656	3 568	3 434	3 574	6 430
OTHER FARM-RELATED INCOME[1]									
Gross before taxes and expenses	farms, 1997	206	430	434	339	448	594	480	297
	1992	171	404	432	277	336	450	409	301
	$1,000, 1997	2 841	2 699	5 180	1 719	3 932	2 289	2 905	1 848
	1992	1 657	3 289	3 468	1 433	2 006	2 778	2 570	1 489
Average per farm	dollars, 1997	13 790	6 277	11 936	5 072	8 777	3 853	6 053	6 222
	1992	9 693	8 141	8 027	5 174	5 970	6 174	6 283	4 948
Customwork and other agricultural services	farms, 1997	92	118	131	74	157	165	88	54
	1992	114	186	204	113	141	137	145	120
	$1,000, 1997	920	806	2 624	631	1 595	755	805	292
	1992	1 001	2 611	2 080	715	487	972	774	494
Rental of farmland	farms, 1997	68	74	102	123	106	95	113	93
	1992	40	65	127	76	86	81	152	57
	$1,000, 1997	1 857	1 316	1 972	789	1 526	789	1 103	1 370
	1992	627	380	919	644	1 233	1 436	1 401	790
Sales of forest products, excluding Christmas trees and maple products[3]	farms, 1997	–	1	–	–	–	–	18	8
	1992	–	1	–	8	13	2	15	6
	$1,000, 1997	–	(D)	–	–	–	–	65	46
	1992	–	(D)	–	19	48	(D)	100	55
Other farm-related income sources	farms, 1997	75	363	344	225	377	495	405	220
	1992	37	255	274	107	207	347	229	177
	$1,000, 1997	63	(D)	583	299	811	745	933	140
	1992	30	(D)	469	55	237	(D)	295	150
DIRECT SALES									
Value of agricultural products sold directly to individuals for human consumption (see text)	farms, 1997	10	9	21	23	21	26	26	12
	1992	4	17	20	18	21	24	21	17
	$1,000, 1997	28	17	40	39	92	36	132	78
	1992	(D)	37	63	14	56	33	36	187
Average per farm	dollars, 1997	2 815	1 942	1 889	1 712	4 376	1 380	5 085	6 459
	1992	(D)	2 178	3 133	801	2 657	1 390	1 691	10 990
COMMODITY CREDIT CORPORATION LOANS									
Total	farms, 1997	79	108	129	71	152	205	161	115
	1992	107	174	222	126	223	289	297	155
	$1,000, 1997	3 327	2 715	5 230	2 228	7 131	9 834	6 536	4 563
	1992	4 337	5 711	8 030	4 191	7 836	10 117	13 130	5 450
Corn	farms, 1997	69	97	118	60	135	180	142	106
	1992	97	164	212	115	200	273	267	149
	$1,000, 1997	1 675	1 808	3 290	1 408	4 808	6 337	3 889	2 922
	1992	2 970	3 641	6 420	2 753	5 614	7 637	9 712	3 477
Wheat	farms, 1997	–	–	–	1	–	–	–	–
	1992	1	–	–	–	–	–	–	–
	$1,000, 1997	–	–	–	(D)	–	–	–	–
	1992	(D)	–	–	–	–	–	–	–
Soybeans	farms, 1997	45	43	55	31	67	105	83	50
	1992	49	60	70	52	95	104	127	65
	$1,000, 1997	1 652	907	(D)	(D)	2 323	(D)	2 647	1 641
	1992	(D)	2 069	(D)	1 438	2 222	(D)	(D)	(D)

See footnotes at end of table.

Table 4. **Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992**—Con.

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

Item		Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
NET CASH RETURN[1]									
Net cash return from agricultural sales for the farm unit (see text)	farms, 1997	836	863	600	636	976	1 280	1 204	764
	1992	795	882	677	728	978	1 326	1 309	740
	$1,000, 1997	20 744	23 063	32 250	23 288	27 166	15 065	46 348	14 273
	1992	14 026	10 547	27 612	18 980	15 799	8 006	32 087	11 895
Average per farm	dollars, 1997	24 813	26 725	53 750	36 617	27 834	11 770	38 495	18 682
	1992	17 643	11 958	40 785	26 071	16 155	6 038	24 512	16 074
Farms with net gains[2]	number, 1997	515	541	503	468	566	634	883	431
	1992	496	500	542	594	574	740	900	435
	$1,000, 1997	22 375	26 620	33 058	24 777	29 953	20 505	48 355	16 026
	1992	16 176	14 966	29 803	20 598	18 987	14 498	36 076	13 266
Average per farm	dollars, 1997	43 446	49 205	65 721	52 942	52 920	32 342	54 762	37 183
	1992	32 614	29 932	54 988	34 676	33 078	19 592	40 084	30 498
Farms with net losses	number, 1997	321	322	97	168	410	646	321	333
	1992	299	382	135	134	404	586	409	305
	$1,000, 1997	1 631	3 557	808	1 489	2 787	5 440	2 007	1 753
	1992	2 150	4 419	2 192	1 618	3 187	6 492	3 989	1 372
Average per farm	dollars, 1997	5 082	11 046	8 325	8 861	6 797	8 420	6 251	5 265
	1992	7 191	11 569	16 236	12 077	7 889	11 079	9 753	4 497
GOVERNMENT PAYMENTS									
Total received	farms, 1997	637	682	472	466	768	937	868	602
	1992	507	587	528	492	648	787	797	484
	$1,000, 1997	4 884	5 182	3 911	3 739	6 972	6 282	7 037	4 166
	1992	3 882	4 646	4 500	3 932	6 071	5 114	6 238	3 450
Average per farm	dollars, 1997	7 668	7 599	8 286	8 024	9 077	6 704	8 107	6 921
	1992	7 657	7 915	8 523	7 991	9 368	6 498	7 827	7 128
Amount from Conservation Reserve and Wetlands Reserve Programs	farms, 1997	304	311	68	128	400	411	312	345
	1992	148	205	59	75	228	252	219	181
	$1,000, 1997	1 794	1 374	175	552	2 938	2 970	1 692	1 988
	1992	924	1 224	140	449	1 938	1 783	1 484	1 137
Average per farm	dollars, 1997	5 901	4 418	2 568	4 310	7 345	7 225	5 422	5 764
	1992	6 246	5 972	2 372	5 988	8 499	7 076	6 777	6 283
OTHER FARM-RELATED INCOME[1]									
Gross before taxes and expenses	farms, 1997	291	391	396	224	445	512	639	324
	1992	205	325	356	148	332	419	476	249
	$1,000, 1997	1 695	1 511	3 679	1 602	2 215	3 413	3 490	2 016
	1992	819	1 698	1 392	1 076	1 510	1 983	2 402	1 068
Average per farm	dollars, 1997	5 826	3 866	9 289	7 150	4 977	6 667	5 461	6 224
	1992	3 995	5 224	3 911	7 271	4 548	4 732	5 047	4 288
Customwork and other agricultural services	farms, 1997	92	78	84	66	121	127	120	88
	1992	103	157	109	69	130	150	158	136
	$1,000, 1997	588	444	708	319	723	1 051	1 360	304
	1992	457	774	464	588	855	709	908	482
Rental of farmland	farms, 1997	76	93	92	59	165	226	180	146
	1992	31	92	67	48	60	186	145	91
	$1,000, 1997	992	743	2 126	1 212	1 081	1 876	1 564	1 619
	1992	249	721	390	464	576	767	1 185	572
Sales of forest products, excluding Christmas trees and maple products[3]	farms, 1997	24	16	–	–	7	33	10	13
	1992	–	1	–	–	–	48	2	–
	$1,000, 1997	11	107	–	–	80	45	37	25
	1992	–	(D)	–	–	–	252	(D)	–
Other farm-related income sources	farms, 1997	186	328	341	137	319	288	486	133
	1992	99	210	305	52	202	123	320	40
	$1,000, 1997	105	217	845	71	331	441	528	68
	1992	114	(D)	538	24	80	255	(D)	14
DIRECT SALES									
Value of agricultural products sold directly to individuals for human consumption (see text)	farms, 1997	18	19	16	9	28	33	36	23
	1992	17	16	7	13	28	39	42	26
	$1,000, 1997	32	10	145	14	83	89	66	222
	1992	43	7	15	7	50	83	61	33
Average per farm	dollars, 1997	1 753	525	9 062	1 556	2 966	2 694	1 842	9 643
	1992	2 510	409	2 184	556	1 783	2 138	1 461	1 280
COMMODITY CREDIT CORPORATION LOANS									
Total	farms, 1997	92	161	113	101	107	155	145	71
	1992	142	187	129	170	173	156	238	124
	$1,000, 1997	3 434	8 474	4 071	4 984	3 455	2 956	5 014	2 986
	1992	5 207	6 578	3 822	5 726	4 293	3 096	6 519	4 047
Corn	farms, 1997	82	142	97	85	97	151	124	65
	1992	128	172	111	152	167	151	217	117
	$1,000, 1997	2 146	5 235	2 541	2 782	2 226	2 667	2 879	1 506
	1992	3 585	4 851	2 091	3 735	3 574	2 594	4 755	2 806
Wheat	farms, 1997	–	–	–	–	–	1	–	1
	1992	–	–	–	–	–	1	–	–
	$1,000, 1997	–	–	–	–	–	(D)	–	(D)
	1992	–	–	–	–	–	(D)	–	–
Soybeans	farms, 1997	46	86	55	57	46	20	77	50
	1992	61	77	74	75	44	15	97	54
	$1,000, 1997	1 287	3 239	1 530	2 201	(D)	288	2 135	(D)
	1992	(D)	1 726	1 731	(D)	(D)	254	1 763	(D)

See footnotes at end of table.

Table 4. **Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992**—Con.

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

Item		Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
NET CASH RETURN[1]									
Net cash return from agricultural sales for the farm unit (see text)	farms, 1997	1 261	1 028	969	1 405	863	1 480	592	706
	1992	1 241	1 112	952	1 592	873	1 529	554	629
	$1,000, 1997	23 717	27 668	22 957	68 295	19 440	29 047	23 103	5 047
	1992	14 559	18 078	16 504	42 111	14 499	18 036	9 532	1 310
Average per farm	dollars, 1997	18 808	26 914	23 692	48 608	22 526	19 626	39 025	7 149
	1992	11 732	16 257	17 337	26 452	16 608	11 796	17 206	2 082
Farms with net gains[2]	number, 1997	707	669	518	1 125	475	823	364	352
	1992	697	628	624	1 193	572	907	318	325
	$1,000, 1997	26 874	30 774	26 696	70 807	22 457	32 738	24 786	(D)
	1992	18 914	23 048	19 109	46 444	16 898	22 789	11 428	4 053
Average per farm	dollars, 1997	38 012	46 000	51 536	62 940	47 278	39 779	68 093	(D)
	1992	27 136	36 700	30 624	38 931	29 543	25 126	35 938	12 471
Farms with net losses	number, 1997	554	359	451	280	388	657	228	354
	1992	544	484	328	399	301	622	236	304
	$1,000, 1997	3 157	3 106	3 738	2 513	3 017	3 691	1 683	(D)
	1992	4 354	4 970	2 605	4 333	2 400	4 753	1 896	2 743
Average per farm	dollars, 1997	5 699	8 653	8 289	8 974	7 776	5 617	7 381	(D)
	1992	8 004	10 268	7 942	10 861	7 973	7 642	8 034	9 024
GOVERNMENT PAYMENTS									
Total received	farms, 1997	835	784	766	1 157	592	1 003	472	465
	1992	615	715	639	1 188	474	790	392	330
	$1,000, 1997	6 151	6 776	7 472	10 229	3 838	6 437	4 435	3 187
	1992	4 723	5 849	6 770	9 976	3 231	5 786	3 859	2 328
Average per farm	dollars, 1997	7 366	8 643	9 754	8 841	6 483	6 418	9 397	6 853
	1992	7 680	8 180	10 595	8 398	6 817	7 324	9 845	7 054
Amount from Conservation Reserve and Wetlands Reserve Programs	farms, 1997	332	228	472	223	293	375	229	306
	1992	141	112	336	163	154	204	99	187
	$1,000, 1997	2 097	1 265	3 772	670	1 466	1 781	1 519	2 238
	1992	1 103	636	3 033	628	757	1 158	721	1 348
Average per farm	dollars, 1997	6 315	5 550	7 992	3 004	5 005	4 749	6 634	7 314
	1992	7 820	5 681	9 028	3 852	4 914	5 676	7 282	7 207
OTHER FARM-RELATED INCOME[1]									
Gross before taxes and expenses	farms, 1997	386	458	357	676	172	564	227	295
	1992	369	386	254	740	269	596	152	207
	$1,000, 1997	1 979	2 180	1 767	3 692	1 447	2 884	1 940	1 543
	1992	1 829	3 212	1 202	3 978	1 661	3 541	1 480	695
Average per farm	dollars, 1997	5 126	4 760	4 948	5 462	8 412	5 114	8 547	5 230
	1992	4 957	8 320	4 732	5 376	6 173	5 941	9 739	3 358
Customwork and other agricultural services	farms, 1997	146	91	82	190	87	145	55	74
	1992	208	162	100	213	111	170	67	87
	$1,000, 1997	757	513	356	1 043	946	652	745	174
	1992	1 323	897	325	1 097	532	968	369	278
Rental of farmland	farms, 1997	109	145	133	149	67	152	95	133
	1992	114	122	107	198	148	219	50	63
	$1,000, 1997	999	1 314	1 164	1 955	417	1 926	1 141	1 266
	1992	378	2 029	796	2 243	935	2 348	803	284
Sales of forest products, excluding Christmas trees and maple products[3]	farms, 1997	30	13	10	10	1	21	6	–
	1992	12	11	–	1	17	34	21	6
	$1,000, 1997	90	37	53	23	(D)	92	5	–
	1992	53	63	–	(D)	63	71	92	(D)
Other farm-related income sources	farms, 1997	188	319	215	570	35	387	91	194
	1992	111	177	77	591	24	332	42	109
	$1,000, 1997	132	315	194	671	(D)	214	49	102
	1992	75	222	81	(D)	131	153	216	(D)
DIRECT SALES									
Value of agricultural products sold directly to individuals for human consumption (see text)	farms, 1997	73	22	5	17	23	56	17	13
	1992	77	18	14	22	26	71	11	8
	$1,000, 1997	263	149	9	21	110	263	134	21
	1992	179	19	25	23	113	271	15	9
Average per farm	dollars, 1997	3 604	6 782	1 853	1 207	4 799	4 696	7 901	1 596
	1992	2 324	1 034	1 787	1 047	4 338	3 822	1 403	1 065
COMMODITY CREDIT CORPORATION LOANS									
Total	farms, 1997	102	188	149	359	75	126	82	31
	1992	119	227	157	485	91	179	112	49
	$1,000, 1997	3 335	8 665	5 930	15 168	3 072	5 448	3 341	630
	1992	3 365	6 177	5 352	18 108	3 780	6 402	3 785	1 083
Corn	farms, 1997	85	178	129	321	64	111	73	28
	1992	108	220	148	441	85	169	107	41
	$1,000, 1997	1 905	6 263	3 720	10 038	1 837	2 863	2 050	309
	1992	2 393	5 434	4 213	12 833	2 660	4 631	2 793	647
Wheat	farms, 1997	2	–	–	–	1	–	1	–
	1992	–	–	1	1	1	–	–	–
	$1,000, 1997	(D)	–	–	–	(D)	–	(D)	–
	1992	–	–	(D)	(D)	(D)	–	–	–
Soybeans	farms, 1997	57	74	66	169	34	66	43	13
	1992	42	50	47	213	36	60	48	23
	$1,000, 1997	(D)	(D)	2 211	(D)	(D)	(D)	(D)	(D)
	1992	972	743	(D)	5 265	(D)	1 757	992	436

See footnotes at end of table.

Table 4. **Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992**—Con.

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

Item		Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
NET CASH RETURN[1]									
Net cash return from agricultural sales for the farm unit (see text)	farms, 1997	1 149	987	1 022	971	914	495	827	698
	1992	1 194	1 026	1 075	996	949	564	825	822
	$1,000, 1997	50 676	18 140	39 603	19 143	28 952	20 357	30 966	26 195
	1992	31 434	14 776	23 109	14 690	21 787	17 846	19 462	28 717
Average per farm	dollars, 1997	44 104	18 379	38 750	19 715	31 676	41 125	37 443	37 528
	1992	26 326	14 402	21 497	14 749	22 957	31 641	23 590	34 935
Farms with net gains[2]	number, 1997	857	485	627	489	635	318	550	480
	1992	870	567	787	654	660	438	562	572
	$1,000, 1997	53 785	21 466	43 052	22 676	31 540	21 744	35 552	29 816
	1992	35 574	17 802	26 309	17 026	24 568	18 572	22 464	31 382
Average per farm	dollars, 1997	62 760	44 259	68 663	46 371	49 670	68 378	64 641	62 116
	1992	40 890	31 396	33 429	26 034	37 224	42 401	39 971	54 863
Farms with net losses	number, 1997	292	502	395	482	279	177	277	218
	1992	324	459	288	342	289	126	263	250
	$1,000, 1997	3 109	3 326	3 449	3 533	2 588	1 387	4 587	3 621
	1992	4 141	3 026	3 200	2 337	2 781	726	3 002	2 665
Average per farm	dollars, 1997	10 648	6 625	8 732	7 329	9 277	7 837	16 558	16 610
	1992	12 779	6 592	11 111	6 832	9 624	5 760	11 415	10 658
GOVERNMENT PAYMENTS									
Total received	farms, 1997	841	714	802	684	700	356	611	557
	1992	763	578	699	510	625	367	540	522
	$1,000, 1997	4 726	3 867	6 123	4 098	6 894	3 023	4 928	4 721
	1992	4 484	3 138	5 147	2 958	6 190	3 158	4 574	4 629
Average per farm	dollars, 1997	5 620	5 416	7 634	5 991	9 849	8 492	8 065	8 475
	1992	5 876	5 429	7 363	5 800	9 903	8 605	8 471	8 868
Amount from Conservation Reserve and Wetlands Reserve Programs	farms, 1997	163	328	410	360	262	107	172	175
	1992	90	196	250	181	185	81	134	130
	$1,000, 1997	576	1 615	2 209	1 650	1 270	465	570	1 085
	1992	359	1 077	1 408	905	1 259	453	657	1 070
Average per farm	dollars, 1997	3 535	4 924	5 388	4 584	4 846	4 342	3 311	6 198
	1992	3 990	5 495	5 630	5 002	6 807	5 587	4 900	8 233
OTHER FARM-RELATED INCOME[1]									
Gross before taxes and expenses	farms, 1997	613	358	368	372	428	189	397	304
	1992	468	324	357	332	362	189	335	326
	$1,000, 1997	3 402	1 275	3 124	1 530	3 744	1 443	2 768	2 481
	1992	2 273	1 704	1 515	1 714	3 278	740	2 025	2 217
Average per farm	dollars, 1997	5 550	3 561	8 488	4 112	8 747	7 635	6 973	8 160
	1992	4 857	5 259	4 245	5 163	9 055	3 914	6 046	6 800
Customwork and other agricultural services	farms, 1997	138	89	120	97	157	43	111	75
	1992	172	113	174	119	174	93	108	124
	$1,000, 1997	600	383	1 109	550	1 889	116	580	802
	1992	1 178	852	792	464	2 099	471	854	689
Rental of farmland	farms, 1997	182	138	165	147	138	74	76	77
	1992	95	141	94	117	91	27	68	95
	$1,000, 1997	1 820	740	1 859	863	1 562	1 240	1 676	1 255
	1992	612	554	589	1 153	746	185	925	1 323
Sales of forest products, excluding Christmas trees and maple products[3]	farms, 1997	–	12	5	–	–	–	–	1
	1992	–	8	9	–	8	1	2	–
	$1,000, 1997	–	16	3	–	–	–	–	(D)
	1992	–	5	23	–	4	(D)	(D)	–
Other farm-related income sources	farms, 1997	526	192	235	220	282	129	349	225
	1992	333	130	174	148	213	98	243	158
	$1,000, 1997	982	135	153	116	292	87	512	(D)
	1992	483	292	112	97	429	(D)	(D)	205
DIRECT SALES									
Value of agricultural products sold directly to individuals for human consumption (see text)	farms, 1997	16	19	18	25	26	5	38	9
	1992	17	31	21	24	22	10	22	13
	$1,000, 1997	34	35	196	38	87	(D)	35	23
	1992	36	84	121	92	35	30	25	53
Average per farm	dollars, 1997	2 149	1 846	10 883	1 508	3 347	(D)	934	2 551
	1992	2 102	2 716	5 783	3 840	1 601	2 966	1 153	4 059
COMMODITY CREDIT CORPORATION LOANS									
Total	farms, 1997	217	83	110	71	100	55	139	108
	1992	230	77	134	110	182	69	206	129
	$1,000, 1997	6 781	2 176	3 238	2 973	5 910	1 601	5 810	3 466
	1992	5 695	2 301	4 246	2 922	7 228	3 187	7 089	3 892
Corn	farms, 1997	190	67	93	59	88	46	130	93
	1992	203	66	124	99	173	58	191	123
	$1,000, 1997	3 772	1 161	1 930	1 349	3 389	882	4 208	2 452
	1992	4 138	1 330	3 192	1 813	5 747	1 853	5 473	2 904
Wheat	farms, 1997	–	–	–	–	–	1	–	2
	1992	–	–	–	1	–	–	–	2
	$1,000, 1997	–	–	–	–	–	(D)	–	(D)
	1992	–	–	–	(D)	–	–	–	(D)
Soybeans	farms, 1997	98	39	52	45	58	22	52	37
	1992	87	44	53	57	62	36	69	34
	$1,000, 1997	(D)	1 015	(D)	(D)	2 520	(D)	1 603	(D)
	1992	1 553	971	(D)	(D)	1 481	1 333	(D)	(D)

See footnotes at end of table.

Table 4. **Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992**—Con.

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

Item		Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
NET CASH RETURN[1]									
Net cash return from agricultural sales for the farm unit (see text)	farms, 1997	691	576	782	977	649	844	787	1 489
	1992	683	616	803	1 146	737	917	840	1 615
	$1,000, 1997	6 944	26 951	13 171	48 210	38 731	23 845	48 756	51 136
	1992	6 089	15 785	12 359	33 468	25 142	30 268	31 988	42 740
Average per farm	dollars, 1997	10 049	46 790	16 842	49 345	59 678	28 252	61 952	34 342
	1992	8 916	25 625	15 391	29 204	34 114	33 008	38 082	26 464
Farms with net gains[2]	number, 1997	343	427	405	853	578	597	622	1 049
	1992	474	474	510	895	589	729	700	1 132
	$1,000, 1997	9 694	28 017	16 907	49 974	40 475	25 276	49 961	55 649
	1992	8 149	16 643	14 590	35 940	26 891	31 260	33 684	48 454
Average per farm	dollars, 1997	28 262	65 615	41 745	58 586	70 027	42 338	80 322	53 049
	1992	17 193	35 112	28 608	40 156	45 656	42 881	48 120	42 804
Farms with net losses	number, 1997	348	149	377	124	71	247	165	440
	1992	209	142	293	251	148	188	140	483
	$1,000, 1997	2 750	1 066	3 736	1 764	1 744	1 431	1 204	4 513
	1992	2 060	858	2 231	2 472	1 749	993	1 696	5 713
Average per farm	dollars, 1997	7 902	7 158	9 910	14 227	24 565	5 793	7 299	10 256
	1992	9 856	6 041	7 613	9 847	11 818	5 279	12 111	11 829
GOVERNMENT PAYMENTS									
Total received	farms, 1997	446	459	575	759	504	654	650	1 087
	1992	334	429	491	824	555	557	653	1 035
	$1,000, 1997	2 573	3 595	4 596	5 440	3 788	4 236	5 965	7 753
	1992	1 828	3 149	3 875	5 374	3 638	3 475	6 100	7 004
Average per farm	dollars, 1997	5 768	7 832	7 993	7 168	7 516	6 477	9 178	7 132
	1992	5 474	7 340	7 892	6 522	6 555	6 239	9 341	6 767
Amount from Conservation Reserve and Wetlands Reserve Programs	farms, 1997	235	213	210	128	120	298	210	301
	1992	155	117	97	89	86	176	185	183
	$1,000, 1997	1 544	1 167	963	392	440	1 807	1 106	1 505
	1992	972	781	475	264	362	1 252	1 008	1 127
Average per farm	dollars, 1997	6 571	5 481	4 584	3 060	3 665	6 063	5 266	5 001
	1992	6 270	6 676	4 894	2 964	4 205	7 114	5 448	6 158
OTHER FARM-RELATED INCOME[1]									
Gross before taxes and expenses	farms, 1997	130	290	254	534	397	310	359	607
	1992	180	222	232	429	317	293	406	696
	$1,000, 1997	921	2 478	2 508	3 072	2 149	2 300	1 195	4 173
	1992	370	2 137	902	2 167	1 869	1 519	1 927	3 111
Average per farm	dollars, 1997	7 083	8 545	9 874	5 752	5 412	7 418	3 328	6 875
	1992	2 054	9 625	3 886	5 051	5 895	5 183	4 747	4 470
Customwork and other agricultural services	farms, 1997	80	97	61	133	120	145	81	139
	1992	60	82	118	167	104	183	100	218
	$1,000, 1997	557	1 482	952	1 088	1 036	1 272	585	1 989
	1992	224	1 239	458	1 186	955	1 157	1 026	932
Rental of farmland	farms, 1997	63	102	83	86	49	87	45	124
	1992	86	56	62	118	54	65	96	231
	$1,000, 1997	319	800	1 473	915	654	907	270	1 274
	1992	140	821	412	603	589	287	745	1 508
Sales of forest products, excluding Christmas trees and maple products[3]	farms, 1997	–	–	8	–	–	6	–	–
	1992	–	–	1	7	–	–	9	4
	$1,000, 1997	–	–	15	–	–	24	–	–
	1992	–	–	(D)	25	–	–	3	20
Other farm-related income sources	farms, 1997	42	188	158	467	345	148	282	501
	1992	37	135	95	298	234	104	298	370
	$1,000, 1997	45	196	69	1 068	458	97	340	911
	1992	6	76	(D)	352	324	74	153	652
DIRECT SALES									
Value of agricultural products sold directly to individuals for human consumption (see text)	farms, 1997	12	6	37	16	13	14	20	11
	1992	11	6	41	20	11	10	19	17
	$1,000, 1997	19	(D)	453	68	57	9	58	16
	1992	21	3	327	60	12	8	48	60
Average per farm	dollars, 1997	1 606	(D)	12 236	4 236	4 360	656	2 886	1 495
	1992	1 872	558	7 975	3 014	1 083	842	2 519	3 554
COMMODITY CREDIT CORPORATION LOANS									
Total	farms, 1997	26	81	116	223	121	65	208	218
	1992	38	124	129	329	198	99	287	232
	$1,000, 1997	416	2 900	5 772	7 356	3 961	2 033	8 431	5 795
	1992	505	3 838	4 429	9 545	5 716	2 373	10 950	6 389
Corn	farms, 1997	22	73	105	194	104	60	199	193
	1992	25	114	121	288	173	87	268	214
	$1,000, 1997	272	1 760	3 465	4 041	2 449	1 140	5 764	3 267
	1992	261	2 610	3 453	6 107	3 708	1 456	7 391	4 639
Wheat	farms, 1997	–	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–	–
	$1,000, 1997	–	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–	–
Soybeans	farms, 1997	6	45	74	119	59	33	96	90
	1992	19	53	45	148	85	49	116	77
	$1,000, 1997	144	1 140	(D)	(D)	1 512	893	2 668	(D)
	1992	(D)	1 228	(D)	3 438	2 004	(D)	(D)	1 746

See footnotes at end of table.

Table 4. **Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992**—Con.

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

Item		Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
NET CASH RETURN[1]									
Net cash return from agricultural sales for the farm unit (see text)	farms, 1997	777	802	1 326	933	671	812	798	920
	1992	919	832	1 439	933	675	968	916	1 086
	$1,000, 1997	48 444	24 745	49 418	32 851	6 155	46 651	23 391	33 497
	1992	33 820	19 409	47 216	19 524	7 656	31 266	14 775	26 577
Average per farm	dollars, 1997	62 348	30 854	37 269	35 210	9 173	57 451	29 313	36 410
	1992	36 801	23 328	32 812	20 926	11 342	32 299	16 129	24 473
Farms with net gains[2]	number, 1997	693	498	942	603	364	649	537	684
	1992	745	572	1 118	694	405	745	578	826
	$1,000, 1997	49 380	26 358	54 239	35 092	12 694	48 796	25 521	35 713
	1992	35 261	21 104	49 332	22 525	10 124	34 803	18 960	29 067
Average per farm	dollars, 1997	71 256	52 929	57 578	58 195	34 874	75 187	47 525	52 212
	1992	47 330	36 896	44 125	32 457	24 998	46 716	32 804	35 190
Farms with net losses	number, 1997	84	304	384	330	307	163	261	236
	1992	174	260	321	239	270	223	338	260
	$1,000, 1997	936	1 613	4 821	2 241	6 539	2 146	2 129	2 216
	1992	1 441	1 695	2 116	3 001	2 468	3 538	4 186	2 490
Average per farm	dollars, 1997	11 144	5 307	12 554	6 790	21 300	13 163	8 158	9 390
	1992	8 280	6 520	6 591	12 556	9 140	15 864	12 384	9 576
GOVERNMENT PAYMENTS									
Total received	farms, 1997	666	496	937	767	540	617	541	718
	1992	730	441	909	651	415	702	516	729
	$1,000, 1997	5 905	3 766	7 466	7 036	3 869	4 983	5 252	5 772
	1992	5 633	3 302	7 117	5 959	3 657	4 662	4 972	5 367
Average per farm	dollars, 1997	8 866	7 593	7 967	9 173	7 165	8 076	9 708	8 039
	1992	7 717	7 488	7 829	9 154	8 811	6 642	9 635	7 362
Amount from Conservation Reserve and Wetlands Reserve Programs	farms, 1997	130	161	180	387	350	116	93	170
	1992	92	75	104	244	274	102	56	95
	$1,000, 1997	448	679	764	3 105	2 703	263	370	658
	1992	282	307	476	2 027	2 456	318	340	506
Average per farm	dollars, 1997	3 449	4 219	4 242	8 022	7 723	2 267	3 975	3 872
	1992	3 069	4 099	4 577	8 307	8 963	3 120	6 077	5 324
OTHER FARM-RELATED INCOME[1]									
Gross before taxes and expenses	farms, 1997	534	368	631	436	230	313	461	451
	1992	342	242	555	327	196	369	363	338
	$1,000, 1997	3 576	2 723	8 591	2 715	2 012	4 863	2 615	1 991
	1992	2 467	1 451	3 348	2 278	670	2 941	2 503	1 688
Average per farm	dollars, 1997	6 696	7 400	13 615	6 227	8 749	15 537	5 672	4 415
	1992	7 213	5 995	6 033	6 966	3 419	7 969	6 895	4 994
Customwork and other agricultural services	farms, 1997	131	96	175	122	78	97	83	141
	1992	101	113	239	133	86	151	151	137
	$1,000, 1997	1 135	690	1 742	556	1 237	1 024	530	720
	1992	422	655	1 229	651	226	709	1 300	526
Rental of farmland	farms, 1997	90	83	163	124	103	91	115	77
	1992	55	58	154	139	82	157	79	120
	$1,000, 1997	1 740	1 643	6 656	1 873	597	3 529	1 611	1 021
	1992	1 828	272	1 939	1 521	405	2 084	772	1 053
Sales of forest products, excluding Christmas trees and maple products[3]	farms, 1997	–	1	–	–	11	–	–	–
	1992	–	9	17	–	8	–	–	–
	$1,000, 1997	–	(D)	–	–	31	–	–	–
	1992	–	156	11	–	(Z)	–	–	–
Other farm-related income sources	farms, 1997	489	294	455	312	114	206	370	345
	1992	259	86	317	137	75	145	248	187
	$1,000, 1997	701	(D)	193	286	147	310	473	250
	1992	217	368	170	107	38	148	431	109
DIRECT SALES									
Value of agricultural products sold directly to individuals for human consumption (see text)	farms, 1997	8	30	34	14	10	13	39	22
	1992	17	35	41	25	10	14	35	16
	$1,000, 1997	59	338	70	20	142	27	145	21
	1992	44	138	183	26	18	13	182	11
Average per farm	dollars, 1997	7 418	11 256	2 066	1 440	14 214	2 070	3 705	948
	1992	2 597	3 933	4 474	1 027	1 769	914	5 208	715
COMMODITY CREDIT CORPORATION LOANS									
Total	farms, 1997	135	51	163	119	48	142	105	142
	1992	194	85	202	194	74	221	180	184
	$1,000, 1997	5 003	2 080	5 853	4 256	1 094	6 606	4 461	4 465
	1992	5 772	3 574	6 528	5 572	1 489	7 159	6 325	4 334
Corn	farms, 1997	118	42	144	104	36	124	86	129
	1992	182	77	186	179	65	197	165	172
	$1,000, 1997	3 075	1 199	3 265	2 468	491	3 229	3 009	2 909
	1992	4 276	2 429	4 456	4 266	1 039	4 610	5 218	3 453
Wheat	farms, 1997	–	–	–	–	–	–	–	–
	1992	–	–	–	–	1	–	–	–
	$1,000, 1997	–	–	–	–	–	–	–	–
	1992	–	–	–	–	(D)	–	–	–
Soybeans	farms, 1997	64	23	74	60	25	75	53	65
	1992	65	37	62	81	30	108	57	50
	$1,000, 1997	1 927	881	2 588	1 788	602	3 377	(D)	1 557
	1992	1 497	1 144	(D)	1 303	(D)	(D)	1 107	835

See footnotes at end of table.

Table 4. **Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992**—Con.

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

Item		Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
NET CASH RETURN[1]									
Net cash return from agricultural sales for the farm unit (see text)	farms, 1997	1 751	947	1 153	745	672	805	779	1 215
	1992	1 998	989	1 293	742	672	753	758	1 216
	$1,000, 1997	115 294	46 357	25 410	15 411	5 916	7 163	10 823	16 990
	1992	81 511	28 996	16 160	7 298	9 580	5 509	7 626	13 056
Average per farm	dollars, 1997	65 845	48 952	22 038	20 686	8 803	8 898	13 894	13 984
	1992	40 796	29 319	12 498	9 836	14 256	7 316	10 061	10 737
Farms with net gains[2]	number, 1997	1 383	682	771	457	335	370	350	636
	1992	1 512	736	761	442	436	393	446	670
	$1,000, 1997	121 946	48 978	28 388	16 953	8 685	10 500	12 708	20 167
	1992	88 259	31 139	22 229	9 804	11 102	7 831	8 881	16 608
Average per farm	dollars, 1997	88 175	71 816	36 819	37 096	25 926	28 379	36 307	31 709
	1992	58 372	42 309	29 210	22 182	25 464	19 926	19 913	24 788
Farms with net losses	number, 1997	368	265	382	288	337	435	429	579
	1992	486	253	532	300	236	360	312	546
	$1,000, 1997	6 653	2 621	2 978	1 542	2 770	3 337	1 884	3 176
	1992	6 748	2 143	6 069	2 506	1 522	2 322	1 255	3 552
Average per farm	dollars, 1997	18 078	9 891	7 795	5 353	8 218	7 672	4 393	5 486
	1992	13 885	8 471	11 408	8 354	6 448	6 449	4 022	6 506
GOVERNMENT PAYMENTS									
Total received	farms, 1997	1 151	699	848	581	496	572	499	770
	1992	1 107	689	821	462	404	442	370	568
	$1,000, 1997	7 546	5 418	7 815	4 992	3 143	3 413	2 907	4 043
	1992	7 464	5 290	7 022	3 462	2 534	2 590	2 682	3 039
Average per farm	dollars, 1997	6 556	7 751	9 216	8 592	6 336	5 967	5 826	5 251
	1992	6 742	7 678	8 553	7 493	6 272	5 860	7 250	5 350
Amount from Conservation Reserve and Wetlands Reserve Programs	farms, 1997	136	174	346	368	284	331	256	366
	1992	93	118	194	259	167	225	150	229
	$1,000, 1997	362	457	1 892	2 851	1 779	1 886	1 233	1 716
	1992	318	508	1 295	1 788	1 202	1 243	913	1 000
Average per farm	dollars, 1997	2 661	2 624	5 470	7 747	6 263	5 698	4 815	4 689
	1992	3 422	4 305	6 678	6 904	7 195	5 525	6 086	4 367
OTHER FARM-RELATED INCOME[1]									
Gross before taxes and expenses	farms, 1997	945	476	446	180	283	185	170	426
	1992	780	389	469	182	215	154	178	331
	$1,000, 1997	5 689	2 990	3 808	975	814	489	1 845	1 850
	1992	5 668	3 094	2 684	1 171	1 098	707	660	1 056
Average per farm	dollars, 1997	6 020	6 281	8 537	5 419	2 878	2 641	10 853	4 343
	1992	7 267	7 955	5 722	6 436	5 108	4 591	3 710	3 190
Customwork and other agricultural services	farms, 1997	305	189	119	62	45	81	37	139
	1992	334	137	188	66	53	101	100	152
	$1,000, 1997	2 714	1 799	1 054	399	225	156	203	766
	1992	2 663	1 915	800	790	669	500	376	640
Rental of farmland	farms, 1997	178	91	162	63	93	46	99	142
	1992	197	105	148	90	86	37	73	101
	$1,000, 1997	1 604	773	2 209	525	521	247	1 384	937
	1992	1 914	1 030	1 475	363	366	99	253	309
Sales of forest products, excluding Christmas trees and maple products[3]	farms, 1997	2	–	19	–	–	29	13	9
	1992	8	–	7	–	–	9	–	19
	$1,000, 1997	(D)	–	148	–	–	58	149	6
	1992	112	–	3	–	–	11	–	37
Other farm-related income sources	farms, 1997	829	354	302	81	188	88	52	224
	1992	553	228	232	48	155	41	7	107
	$1,000, 1997	(D)	417	397	52	68	28	109	141
	1992	980	149	406	19	64	97	31	69
DIRECT SALES									
Value of agricultural products sold directly to individuals for human consumption (see text)	farms, 1997	39	36	28	10	18	22	15	34
	1992	34	26	39	9	11	19	12	52
	$1,000, 1997	207	151	95	10	57	24	23	100
	1992	70	87	116	5	17	19	31	213
Average per farm	dollars, 1997	5 318	4 181	3 375	1 029	3 148	1 112	1 515	2 930
	1992	2 063	3 365	2 962	562	1 580	1 006	2 616	4 094
COMMODITY CREDIT CORPORATION LOANS									
Total	farms, 1997	265	127	190	63	54	64	51	67
	1992	336	192	259	88	71	79	66	119
	$1,000, 1997	5 781	4 428	8 355	2 971	1 546	1 630	2 004	2 542
	1992	7 897	6 506	9 496	2 423	1 834	1 692	2 206	3 441
Corn	farms, 1997	244	108	149	51	42	51	46	54
	1992	288	176	227	72	64	64	65	102
	$1,000, 1997	3 855	2 442	4 514	1 315	571	734	1 158	1 236
	1992	5 622	4 677	6 607	1 550	1 162	1 089	1 710	2 426
Wheat	farms, 1997	–	–	–	–	–	–	1	–
	1992	–	–	–	–	–	2	–	–
	$1,000, 1997	–	–	–	–	–	–	(D)	–
	1992	–	–	–	–	–	(D)	–	–
Soybeans	farms, 1997	81	72	109	39	27	36	24	38
	1992	121	84	131	45	32	39	25	55
	$1,000, 1997	1 926	1 986	(D)	1 656	967	(D)	(D)	1 306
	1992	2 094	1 807	2 889	872	(D)	595	496	1 015

See footnotes at end of table.

Table 4. **Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992**—Con.

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

Item		Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
NET CASH RETURN[1]									
Net cash return from agricultural sales for the farm unit (see text)	farms, 1997	1 062	729	936	606	1 450	1 308	607	716
	1992	1 078	733	1 059	644	1 495	1 255	643	811
	$1,000, 1997	44 860	6 886	53 525	21 567	27 765	33 362	17 346	30 082
	1992	27 112	5 747	40 656	11 046	25 768	23 626	9 589	28 523
Average per farm	dollars, 1997	42 241	9 446	57 185	35 589	19 148	25 506	28 577	42 014
	1992	25 150	7 840	38 391	17 152	17 236	18 826	14 912	35 170
Farms with net gains[2]	number, 1997	687	399	804	452	819	779	386	567
	1992	755	457	825	452	986	793	442	626
	$1,000, 1997	47 973	9 589	54 300	22 562	31 876	38 311	19 276	(D)
	1992	29 961	7 741	41 995	13 735	29 979	31 082	11 843	30 256
Average per farm	dollars, 1997	69 830	24 032	67 537	49 916	38 920	49 180	49 939	(D)
	1992	39 683	16 938	50 903	30 387	30 405	39 196	26 795	48 332
Farms with net losses	number, 1997	375	330	132	154	631	529	221	149
	1992	323	276	234	192	509	462	201	185
	$1,000, 1997	3 113	2 703	774	995	4 111	4 949	1 930	(D)
	1992	2 849	1 994	1 339	2 689	4 211	7 456	2 255	1 733
Average per farm	dollars, 1997	8 302	8 190	5 867	6 461	6 515	9 356	8 735	(D)
	1992	8 820	7 224	5 722	14 006	8 273	16 138	11 217	9 368
GOVERNMENT PAYMENTS									
Total received	farms, 1997	773	535	727	490	1 096	921	503	568
	1992	676	476	780	468	856	767	464	634
	$1,000, 1997	6 768	4 529	5 824	5 091	6 684	9 419	4 694	6 060
	1992	5 847	3 437	5 866	4 336	5 350	7 175	4 775	5 961
Average per farm	dollars, 1997	8 755	8 465	8 012	10 389	6 099	10 227	9 331	10 670
	1992	8 649	7 222	7 520	9 266	6 251	9 355	10 290	9 403
Amount from Conservation Reserve and Wetlands Reserve Programs	farms, 1997	359	335	139	179	467	401	185	149
	1992	188	232	91	125	284	239	144	117
	$1,000, 1997	2 151	2 833	307	869	2 330	2 695	813	478
	1992	1 170	1 781	346	671	1 750	2 110	792	567
Average per farm	dollars, 1997	5 991	8 456	2 211	4 854	4 990	6 721	4 397	3 207
	1992	6 222	7 677	3 803	5 366	6 162	8 830	5 498	4 849
OTHER FARM-RELATED INCOME[1]									
Gross before taxes and expenses	farms, 1997	344	213	531	299	861	442	337	363
	1992	300	199	445	313	547	469	333	368
	$1,000, 1997	3 210	1 099	2 510	2 059	3 671	3 661	1 847	3 572
	1992	1 438	1 077	2 934	1 719	2 837	3 676	2 181	2 880
Average per farm	dollars, 1997	9 332	5 162	4 728	6 887	4 263	8 283	5 480	9 840
	1992	4 794	5 410	6 592	5 492	5 186	7 837	6 548	7 826
Customwork and other agricultural services	farms, 1997	148	32	122	66	201	94	68	67
	1992	147	94	151	86	175	153	124	115
	$1,000, 1997	1 251	356	958	467	717	1 735	256	1 416
	1992	672	717	1 999	537	1 025	1 776	772	1 471
Rental of farmland	farms, 1997	119	110	60	78	250	177	92	91
	1992	74	88	57	72	138	217	102	80
	$1,000, 1997	1 754	731	822	1 418	1 799	1 515	907	1 311
	1992	656	329	441	850	1 290	1 648	1 098	1 030
Sales of forest products, excluding Christmas trees and maple products[3]	farms, 1997	24	–	–	–	49	11	–	–
	1992	2	–	1	3	7	2	8	1
	$1,000, 1997	92	–	–	–	301	28	–	–
	1992	(D)	–	(D)	7	22	(D)	2	(D)
Other farm-related income sources	farms, 1997	138	93	471	226	700	254	276	318
	1992	115	53	368	247	342	232	180	241
	$1,000, 1997	113	12	730	174	853	383	684	845
	1992	(D)	30	(D)	324	500	(D)	309	(D)
DIRECT SALES									
Value of agricultural products sold directly to individuals for human consumption (see text)	farms, 1997	49	9	21	26	18	23	8	8
	1992	35	7	15	19	24	31	10	21
	$1,000, 1997	98	17	101	67	19	44	40	10
	1992	51	(D)	199	29	34	89	21	33
Average per farm	dollars, 1997	2 002	1 868	4 795	2 596	1 042	1 892	4 988	1 224
	1992	1 466	(D)	13 298	1 506	1 428	2 869	2 061	1 562
COMMODITY CREDIT CORPORATION LOANS									
Total	farms, 1997	169	49	120	164	183	182	149	117
	1992	224	60	180	217	182	208	217	198
	$1,000, 1997	5 345	1 373	4 023	12 652	3 959	10 035	6 932	4 627
	1992	6 742	892	6 222	9 869	3 079	7 035	8 813	8 099
Corn	farms, 1997	151	38	108	150	179	167	134	102
	1992	212	47	157	207	181	183	200	181
	$1,000, 1997	3 371	642	2 388	8 797	2 921	5 906	4 849	3 246
	1992	4 938	531	3 983	7 389	2 864	5 420	6 782	6 163
Wheat	farms, 1997	–	1	–	–	–	–	–	–
	1992	2	–	–	–	–	–	–	–
	$1,000, 1997	–	(D)	–	–	–	–	–	–
	1992	(D)	–	–	–	–	–	–	–
Soybeans	farms, 1997	79	30	55	87	42	95	72	43
	1992	86	30	89	90	17	67	82	76
	$1,000, 1997	(D)	(D)	1 635	3 855	1 038	4 129	2 083	1 381
	1992	1 798	360	2 239	(D)	208	1 568	(D)	1 936

See footnotes at end of table.

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992—Con.

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

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
COMMODITY CREDIT CORPORATION LOANS—Con.							
Total—Con.							
Sorghum, barley, and oats ..... farms, 1997	92	–	1	5	–	1	6
1992	204	2	2	6	–	2	7
$1,000, 1997	79	–	(D)	1	–	(D)	(Z)
1992	154	(D)	(D)	1	–	(D)	9
Cotton ..... farms, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–
Peanuts, rice, and tobacco[4] ..... farms, 1997	–	–	–	–	–	–	–
1992	34	–	–	3	2	–	–
$1,000, 1997	–	–	–	–	–	–	–
1992	974	–	–	22	(D)	–	–

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
COMMODITY CREDIT CORPORATION LOANS—Con.							
Total—Con.							
Sorghum, barley, and oats ..... farms, 1997	–	–	1	1	–	1	–
1992	1	–	6	1	2	5	1
$1,000, 1997	–	–	(D)	(D)	–	(D)	–
1992	(D)	–	(D)	(D)	(D)	1	(D)
Cotton ..... farms, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–
Peanuts, rice, and tobacco[4] ..... farms, 1997	–	–	–	–	–	–	–
1992	1	–	1	1	–	–	–
$1,000, 1997	–	–	–	–	–	–	–
1992	(D)	–	(D)	(D)	–	–	–

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
COMMODITY CREDIT CORPORATION LOANS—Con.							
Total—Con.							
Sorghum, barley, and oats ..... farms, 1997	2	–	–	2	–	2	–
1992	3	2	3	–	1	–	2
$1,000, 1997	(D)	–	–	(D)	–	(D)	–
1992	(Z)	(D)	(Z)	–	(D)	–	(D)
Cotton ..... farms, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–
Peanuts, rice, and tobacco[4] ..... farms, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	1	–
$1,000, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	(D)	–

See footnotes at end of table.

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992—Con.

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

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
COMMODITY CREDIT CORPORATION LOANS—Con.							
Total—Con.							
Sorghum, barley, and oats ..... farms, 1997	1	9	2	–	–	–	–
1992	–	17	1	9	–	1	–
$1,000, 1997	(D)	9	(D)	–	–	–	–
1992	–	(D)	(D)	22	–	(D)	–
Cotton ..... farms, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–
Peanuts, rice, and tobacco[4] ..... farms, 1997	–	–	–	–	–	–	–
1992	1	1	–	–	1	–	–
$1,000, 1997	–	–	–	–	–	–	–
1992	(D)	(D)	–	–	(D)	–	–

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
COMMODITY CREDIT CORPORATION LOANS—Con.								
Total—Con.								
Sorghum, barley, and oats ..... farms, 1997	8	–	–	6	2	2	1	–
1992	15	–	1	6	1	8	2	1
$1,000, 1997	(Z)	–	–	(Z)	(D)	(D)	(D)	–
1992	5	–	(D)	(Z)	(D)	(D)	(D)	(D)
Cotton ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Peanuts, rice, and tobacco[4] ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	1	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	(D)	–	–

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
COMMODITY CREDIT CORPORATION LOANS—Con.								
Total—Con.								
Sorghum, barley, and oats ..... farms, 1997	–	–	1	–	–	1	–	–
1992	1	–	1	–	–	2	–	–
$1,000, 1997	–	–	(D)	–	–	(D)	–	–
1992	(D)	–	(D)	–	–	(D)	–	–
Cotton ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Peanuts, rice, and tobacco[4] ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	1	1
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	(D)	(D)

See footnotes at end of table.

Table 4. **Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992**—Con.

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

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
COMMODITY CREDIT CORPORATION LOANS—Con.								
Total—Con.								
Sorghum, barley, and oats ..... farms, 1997	–	–	–	–	3	2	–	–
1992	2	–	–	2	3	2	4	2
$1,000, 1997	–	–	–	–	(D)	(D)	–	–
1992	(D)	–	–	(D)	(D)	(D)	1	(D)
Cotton ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Peanuts, rice, and tobacco[4] ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	3	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	(D)	–	–

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
COMMODITY CREDIT CORPORATION LOANS—Con.								
Total—Con.								
Sorghum, barley, and oats ..... farms, 1997	–	2	–	1	–	1	–	1
1992	–	4	–	3	–	5	–	–
$1,000, 1997	–	(D)	–	(D)	–	(D)	–	(D)
1992	–	1	–	(D)	–	(D)	–	–
Cotton ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Peanuts, rice, and tobacco[4] ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	2	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	(D)	–	–

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
COMMODITY CREDIT CORPORATION LOANS—Con.								
Total—Con.								
Sorghum, barley, and oats ..... farms, 1997	4	–	1	2	–	–	–	–
1992	4	–	2	–	–	–	2	–
$1,000, 1997	(D)	–	(D)	(D)	–	–	–	–
1992	5	–	(D)	–	–	–	(D)	–
Cotton ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Peanuts, rice, and tobacco[4] ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–

See footnotes at end of table.

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992—Con.

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

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
COMMODITY CREDIT CORPORATION LOANS—Con.								
Total—Con.								
Sorghum, barley, and oats ..... farms, 1997	–	–	2	1	–	–	–	1
1992	–	3	2	–	6	–	–	7
$1,000, 1997	–	–	(D)	(D)	–	–	–	(D)
1992	–	(Z)	(D)	–	4	–	–	4
Cotton ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Peanuts, rice, and tobacco[4] ..... farms, 1997	–	–	–	–	–	–	–	–
1992	2	–	–	–	–	1	2	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	(D)	–	–	–	–	(D)	(D)	–

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
COMMODITY CREDIT CORPORATION LOANS—Con.								
Total—Con.								
Sorghum, barley, and oats ..... farms, 1997	–	–	–	–	–	–	1	–
1992	–	–	1	4	1	1	–	4
$1,000, 1997	–	–	–	–	–	–	(D)	–
1992	–	–	(D)	3	(D)	(D)	–	(D)
Cotton ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Peanuts, rice, and tobacco[4] ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	1	–	1
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	(D)	–	(D)

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
COMMODITY CREDIT CORPORATION LOANS—Con.								
Total—Con.								
Sorghum, barley, and oats ..... farms, 1997	–	–	2	–	3	2	–	–
1992	4	–	–	–	1	1	–	–
$1,000, 1997	–	–	(D)	–	8	(D)	–	–
1992	(D)	–	–	–	(D)	(D)	–	–
Cotton ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Peanuts, rice, and tobacco[4] ..... farms, 1997	–	–	–	–	–	–	–	–
1992	2	3	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	(D)	22	–	–	–	–	–	–

See footnotes at end of table.

Table 4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, Direct Sales, and Commodity Credit Corporation Loans: 1997 and 1992—Con.

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

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
COMMODITY CREDIT CORPORATION LOANS—Con.								
Total—Con.								
Sorghum, barley, and oats ..... farms, 1997	2	1	–	–	5	–	–	–
1992	1	–	–	2	15	2	2	–
$1,000, 1997	(D)	(D)	–	–	1	–	–	–
1992	(D)	–	–	(D)	7	(D)	(D)	–
Cotton ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Peanuts, rice, and tobacco[4] ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	2	–	–
$1,000, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	(D)	–	–

[1]Data are based on a sample of farms.
[2]Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains.
[3]Data for 1992 include Christmas trees and maple products.
[4]Data for 1992 include CCC loans for rye and honey.

Table 5. **Hired Farm Labor—Workers and Payroll: 1997**

[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
Hired farm labor ..... farms..	33 016	266	198	323	212	289	476
workers..	94 147	755	455	995	501	731	1 137
$1,000 payroll..	316 779	2 375	1 540	2 470	488	2 496	4 100
Farms with—							
1 worker ..... farms..	12 539	139	75	104	86	150	226
workers..	12 539	139	75	104	86	150	226
2 workers ..... farms..	9 125	78	61	85	62	66	126
workers..	18 250	156	122	170	124	132	252
3 or 4 workers ..... farms..	7 307	29	35	67	49	24	68
workers..	24 866	91	108	228	150	78	235
5 to 9 workers ..... farms..	3 071	18	26	54	10	44	47
workers..	18 654	(D)	(D)	294	80	247	317
10 workers or more ..... farms..	974	2	1	13	5	5	9
workers..	19 838	(D)	(D)	199	61	124	107
Workers by days worked:							
150 days or more ..... farms..	10 990	53	50	134	33	83	175
workers..	20 517	178	102	241	43	164	281
Farms with—							
1 worker ..... farms..	7 715	40	22	98	29	72	112
workers..	7 715	40	(D)	98	29	72	112
2 workers ..... farms..	1 566	7	12	15	3	4	41
workers..	3 132	14	24	30	(D)	8	82
3 or 4 workers ..... farms..	1 185	3	14	15	–	3	19
workers..	3 964	10	44	49	–	9	69
5 to 9 workers ..... farms..	383	2	2	4	1	2	3
workers..	2 395	(D)	(D)	(D)	(D)	(D)	18
10 workers or more ..... farms..	141	1	–	2	–	2	–
workers..	3 311	(D)	–	(D)	–	(D)	–
Less than 150 days ..... farms..	29 661	257	183	276	211	263	428
workers..	73 630	577	353	754	458	567	856
Farms with—							
1 worker ..... farms..	14 531	163	87	132	104	166	271
workers..	14 531	163	87	132	104	166	271
2 workers ..... farms..	6 187	60	55	29	55	35	74
workers..	12 374	120	110	58	110	70	148
3 or 4 workers ..... farms..	5 973	18	28	65	37	18	42
workers..	19 658	56	85	231	111	57	139
5 to 9 workers ..... farms..	2 264	15	13	39	10	41	32
workers..	13 386	(D)	71	200	80	230	199
10 workers or more ..... farms..	706	1	–	11	5	3	9
workers..	13 681	(D)	–	133	53	44	99
Reported only workers working 150 days or more ..... farms..	3 355	9	15	47	1	26	48
workers..	6 220	16	30	90	(D)	57	71
$1,000 payroll..	67 001	325	165	604	(D)	799	742
Reported only workers working less than 150 days ..... farms..	22 026	213	148	189	179	206	301
workers..	51 228	348	282	521	401	441	574
$1,000 payroll..	62 425	411	266	285	(D)	511	901
Reported both—workers working 150 days or more and workers working less than 150 days ..... farms..	7 635	44	35	87	32	57	127
150 days or more..	14 297	162	72	151	(D)	107	210
less than 150 days..	22 402	229	71	233	57	126	282
$1,000 payroll..	187 353	1 638	1 109	1 581	311	1 187	2 456

Table 5. **Hired Farm Labor—Workers and Payroll: 1997**—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
Hired farm labor ..... farms..	340	356	413	549	418	405	375
workers..	955	905	1 282	1 465	1 194	1 356	830
$1,000 payroll..	4 672	4 595	2 397	4 442	4 647	2 694	2 414
Farms with—							
1 worker ..... farms..	105	151	123	203	144	157	178
workers..	105	151	123	203	144	157	178
2 workers ..... farms..	127	99	99	161	143	82	104
workers..	254	198	198	322	286	164	208
3 or 4 workers ..... farms..	70	58	122	98	96	122	74
workers..	245	192	401	331	336	402	267
5 to 9 workers ..... farms..	29	42	62	77	22	27	10
workers..	179	238	398	449	143	170	63
10 workers or more ..... farms..	9	6	7	10	13	17	9
workers..	172	126	162	160	285	463	114
Workers by days worked:							
150 days or more ..... farms..	145	89	99	183	146	113	108
workers..	247	182	164	296	249	222	153
Farms with—							
1 worker ..... farms..	110	59	73	121	112	73	91
workers..	110	59	73	121	112	73	91
2 workers ..... farms..	17	14	13	39	15	8	4
workers..	(D)	28	26	78	(D)	16	8
3 or 4 workers ..... farms..	11	8	7	15	12	20	9
workers..	37	27	(D)	52	41	63	28
5 to 9 workers ..... farms..	5	5	5	8	6	12	4
workers..	34	30	32	45	41	70	26
10 workers or more ..... farms..	2	3	1	–	1	–	–
workers..	(D)	38	(D)	–	(D)	–	–
Less than 150 days ..... farms..	300	318	390	493	391	381	348
workers..	708	723	1 118	1 169	945	1 134	677
Farms with—							
1 worker ..... farms..	113	151	133	228	193	200	202
workers..	113	151	133	228	193	200	202
2 workers ..... farms..	91	79	93	106	95	61	67
workers..	182	158	186	212	190	122	134
3 or 4 workers ..... farms..	77	49	105	96	80	89	65
workers..	250	152	339	306	256	297	213
5 to 9 workers ..... farms..	13	35	55	59	16	14	9
workers..	67	196	337	329	102	83	59
10 workers or more ..... farms..	6	4	4	4	7	17	5
workers..	96	66	123	94	204	432	69
Reported only workers working 150 days or more ..... farms..	40	38	23	56	27	24	27
workers..	49	66	41	93	81	68	40
$1,000 payroll..	795	1 135	685	726	1 134	683	311
Reported only workers working less than 150 days ..... farms..	195	267	314	366	272	292	267
workers..	376	591	821	846	677	622	507
$1,000 payroll..	513	858	284	1 520	1 187	655	629
Reported both—workers working 150 days or more and workers working less than 150 days ..... farms..	105	51	76	127	119	89	81
150 days or more..	198	116	123	203	168	154	113
less than 150 days..	332	132	297	323	268	512	170
$1,000 payroll..	3 363	2 602	1 427	2 196	2 326	1 356	1 474

Table 5. **Hired Farm Labor—Workers and Payroll: 1997**—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
Hired farm labor ..... farms..	520	243	360	326	419	384	257
workers..	1 444	610	854	968	1 171	1 219	450
$1,000 payroll..	3 810	2 029	3 714	3 980	3 379	2 915	1 552
Farms with—							
1 worker ..... farms..	182	82	168	94	194	107	160
workers..	182	82	168	94	194	107	160
2 workers ..... farms..	180	78	95	79	83	110	84
workers..	360	156	190	158	166	220	168
3 or 4 workers ..... farms..	117	67	60	109	93	98	10
workers..	407	226	213	371	342	343	38
5 to 9 workers ..... farms..	29	14	31	39	26	59	1
workers..	168	(D)	173	243	165	371	(D)
10 workers or more ..... farms..	12	2	6	5	23	10	2
workers..	327	(D)	110	102	304	178	(D)
Workers by days worked:							
150 days or more ..... farms..	234	91	137	116	141	158	49
workers..	431	172	209	240	238	300	77
Farms with—							
1 worker ..... farms..	152	54	103	71	105	106	46
workers..	152	54	103	71	105	106	46
2 workers ..... farms..	28	16	22	32	7	20	1
workers..	(D)	32	44	64	14	(D)	(D)
3 or 4 workers ..... farms..	43	18	6	5	22	23	–
workers..	144	69	21	(D)	73	91	–
5 to 9 workers ..... farms..	10	3	6	7	7	8	–
workers..	68	17	41	48	46	52	–
10 workers or more ..... farms..	1	–	–	1	–	1	2
workers..	(D)	–	–	(D)	–	(D)	(D)
Less than 150 days ..... farms..	420	210	324	296	372	344	255
workers..	1 013	438	645	728	933	919	373
Farms with—							
1 worker ..... farms..	233	94	199	138	194	137	197
workers..	233	94	199	138	194	137	197
2 workers ..... farms..	109	74	59	25	63	73	46
workers..	218	148	118	50	126	146	92
3 or 4 workers ..... farms..	53	33	37	103	77	94	10
workers..	190	102	121	344	266	315	(D)
5 to 9 workers ..... farms..	17	7	24	29	20	34	1
workers..	94	(D)	127	(D)	128	206	(D)
10 workers or more ..... farms..	8	2	5	1	18	6	1
workers..	278	(D)	80	(D)	219	115	(D)
Reported only workers working 150 days or more ..... farms..	100	33	36	30	47	40	2
workers..	207	75	74	104	61	86	(D)
$1,000 payroll..	1 497	602	1 216	1 073	770	595	(D)
Reported only workers working less than 150 days ..... farms..	286	152	223	210	278	226	208
workers..	820	320	383	529	636	598	262
$1,000 payroll..	729	278	672	1 178	691	446	(D)
Reported both—workers working 150 days or more and workers working less than 150 days ..... farms..	134	58	101	86	94	118	47
150 days or more..	224	97	135	136	177	214	(D)
less than 150 days..	193	118	262	199	297	321	111
$1,000 payroll..	1 583	1 149	1 826	1 729	1 918	1 875	1 256

Table 5. **Hired Farm Labor—Workers and Payroll: 1997**—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
Hired farm labor ..... farms..	306	624	521	383	319	276	166
workers..	853	2 001	1 306	922	1 093	666	383
$1,000 payroll..	3 252	5 379	2 853	3 333	6 423	1 933	1 237
Farms with—							
1 worker ..... farms..	91	234	176	155	155	135	46
workers..	91	234	176	155	155	135	46
2 workers ..... farms..	151	92	174	114	80	60	75
workers..	302	184	348	228	160	120	150
3 or 4 workers ..... farms..	33	189	124	86	46	76	38
workers..	118	637	447	290	153	276	122
5 to 9 workers ..... farms..	20	71	41	18	17	3	5
workers..	120	421	263	106	94	(D)	(D)
10 workers or more ..... farms..	11	38	6	10	21	2	2
workers..	222	525	72	143	531	(D)	(D)
Workers by days worked:							
150 days or more ..... farms..	89	228	183	130	113	49	42
workers..	195	462	296	228	313	74	75
Farms with—							
1 worker ..... farms..	60	128	126	82	78	35	34
workers..	60	128	126	82	78	35	34
2 workers ..... farms..	22	44	16	19	16	9	4
workers..	44	88	(D)	38	(D)	18	8
3 or 4 workers ..... farms..	2	45	40	24	13	4	2
workers..	(D)	156	133	73	41	(D)	(D)
5 to 9 workers ..... farms..	1	8	1	4	1	1	–
workers..	(D)	49	(D)	(D)	(D)	(D)	–
10 workers or more ..... farms..	4	3	–	1	5	–	2
workers..	78	41	–	(D)	157	–	(D)
Less than 150 days ..... farms..	276	540	468	322	266	258	146
workers..	658	1 539	1 010	694	780	592	308
Farms with—							
1 worker ..... farms..	117	236	249	176	154	145	40
workers..	117	236	249	176	154	145	40
2 workers ..... farms..	107	91	90	61	48	38	63
workers..	214	182	180	122	96	76	126
3 or 4 workers ..... farms..	28	142	89	60	37	72	42
workers..	98	486	316	201	120	251	(D)
5 to 9 workers ..... farms..	17	38	34	17	7	1	1
workers..	102	231	194	92	41	(D)	(D)
10 workers or more ..... farms..	7	33	6	8	20	2	–
workers..	127	404	71	103	369	(D)	–
Reported only workers working 150 days or more ..... farms..	30	84	53	61	53	18	20
workers..	53	171	110	126	81	37	20
$1,000 payroll..	624	1 941	370	1 091	894	352	134
Reported only workers working less than 150 days ..... farms..	217	396	338	253	206	227	124
workers..	502	1 015	792	507	507	530	266
$1,000 payroll..	733	887	1 056	869	397	1 272	240
Reported both—workers working 150 days or more and workers working less than 150 days ..... farms..	59	144	130	69	60	31	22
150 days or more..	142	291	186	102	232	37	55
less than 150 days..	156	524	218	187	273	62	42
$1,000 payroll..	1 894	2 551	1 427	1 373	5 131	310	863

Table 5. **Hired Farm Labor—Workers and Payroll: 1997**—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
Hired farm labor ..... farms..	545	194	182	558	189	597	404	393
workers..	1 431	533	454	1 553	562	1 965	1 223	1 021
$1,000 payroll..	3 265	1 106	895	3 961	1 809	5 608	5 438	3 601
Farms with—								
1 worker ..... farms..	192	40	57	164	82	217	131	136
workers..	192	40	57	164	82	217	131	136
2 workers ..... farms..	182	103	63	164	44	123	135	122
workers..	364	206	126	328	88	246	270	244
3 or 4 workers ..... farms..	100	29	38	171	50	154	82	93
workers..	332	92	120	581	183	516	288	305
5 to 9 workers ..... farms..	55	18	21	38	8	64	49	37
workers..	326	131	121	210	49	423	301	195
10 workers or more ..... farms..	16	4	3	21	5	39	7	5
workers..	217	64	30	270	160	563	233	141
Workers by days worked:								
150 days or more ..... farms..	282	90	26	248	43	209	136	130
workers..	469	139	56	469	94	382	299	244
Farms with—								
1 worker ..... farms..	191	68	11	143	31	139	83	104
workers..	191	68	(D)	143	31	139	83	104
2 workers ..... farms..	47	14	11	48	4	27	41	5
workers..	94	28	22	96	8	54	82	(D)
3 or 4 workers ..... farms..	35	6	1	48	5	34	6	17
workers..	126	(D)	(D)	158	18	109	19	53
5 to 9 workers ..... farms..	8	1	3	7	2	7	3	1
workers..	(D)	(D)	19	(D)	(D)	(D)	16	(D)
10 workers or more ..... farms..	1	1	–	2	1	2	3	3
workers..	(D)	(D)	–	(D)	(D)	(D)	99	70
Less than 150 days ..... farms..	435	170	169	442	159	552	362	349
workers..	962	394	398	1 084	468	1 583	924	777
Farms with—								
1 worker ..... farms..	237	76	56	185	63	263	160	159
workers..	237	76	56	185	63	263	160	159
2 workers ..... farms..	86	63	58	119	41	71	95	77
workers..	172	126	116	238	82	142	190	154
3 or 4 workers ..... farms..	67	14	36	95	45	127	58	86
workers..	209	44	110	302	161	411	196	283
5 to 9 workers ..... farms..	33	15	18	25	6	70	44	25
workers..	178	(D)	(D)	132	38	446	246	(D)
10 workers or more ..... farms..	12	2	1	18	4	21	5	2
workers..	166	(D)	(D)	227	124	321	132	(D)
Reported only workers working 150 days or more ..... farms..	110	24	13	116	30	45	42	44
workers..	168	40	30	252	46	72	96	78
$1,000 payroll..	1 436	238	292	1 609	(D)	732	1 366	948
Reported only workers working less than 150 days ..... farms..	263	104	156	310	146	388	268	263
workers..	603	275	354	846	413	1 064	616	554
$1,000 payroll..	527	294	348	607	474	1 508	800	505
Reported both—workers working 150 days or more and workers working less than 150 days ..... farms..	172	66	13	132	13	164	94	86
150 days or more..	301	99	26	217	48	310	203	166
less than 150 days..	359	119	44	238	55	519	308	223
$1,000 payroll..	1 302	575	254	1 745	(D)	3 368	3 272	2 148

Table 5. **Hired Farm Labor—Workers and Payroll: 1997**—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
Hired farm labor ..... farms..	268	314	307	264	356	409	371	254
workers..	855	945	790	1 114	1 386	968	1 224	651
$1,000 payroll..	3 601	2 666	4 105	3 649	9 304	3 523	6 084	3 254
Farms with—								
1 worker ..... farms..	80	102	99	116	138	149	148	146
workers..	80	102	99	116	138	149	148	146
2 workers ..... farms..	100	60	99	84	54	172	92	39
workers..	200	120	198	168	108	344	184	78
3 or 4 workers ..... farms..	51	107	81	47	98	60	105	32
workers..	172	341	292	162	327	194	365	113
5 to 9 workers ..... farms..	29	35	25	14	37	18	18	28
workers..	192	197	146	(D)	248	110	108	183
10 workers or more ..... farms..	8	10	3	3	29	10	8	9
workers..	211	185	55	(D)	565	171	419	131
Workers by days worked:								
150 days or more ..... farms..	126	93	126	86	148	155	154	54
workers..	206	169	225	348	380	234	338	122
Farms with—								
1 worker ..... farms..	95	55	93	60	105	134	105	30
workers..	95	55	93	60	105	134	105	30
2 workers ..... farms..	18	29	11	13	13	9	24	6
workers..	36	58	(D)	26	26	(D)	(D)	12
3 or 4 workers ..... farms..	6	4	16	9	14	5	20	11
workers..	(D)	(D)	51	28	47	19	65	36
5 to 9 workers ..... farms..	6	4	4	3	8	5	1	7
workers..	33	27	29	(D)	50	28	(D)	44
10 workers or more ..... farms..	1	1	2	1	8	2	4	–
workers..	(D)	(D)	(D)	(D)	152	(D)	114	–
Less than 150 days ..... farms..	227	270	272	217	313	359	310	243
workers..	649	776	565	766	1 006	734	886	529
Farms with—								
1 worker ..... farms..	93	84	110	110	142	171	166	158
workers..	93	84	110	110	142	171	166	158
2 workers ..... farms..	74	55	84	68	25	115	41	31
workers..	148	110	168	136	50	230	82	62
3 or 4 workers ..... farms..	26	94	69	26	99	57	91	28
workers..	86	291	228	97	306	183	306	93
5 to 9 workers ..... farms..	28	32	9	11	28	11	6	21
workers..	176	188	59	(D)	180	70	38	137
10 workers or more ..... farms..	6	5	–	2	19	5	6	5
workers..	146	103	–	(D)	328	80	294	79
Reported only workers working 150 days or more ..... farms..	41	44	35	47	43	50	61	11
workers..	55	60	69	87	117	56	110	19
$1,000 payroll..	882	952	944	650	2 004	672	944	406
Reported only workers working less than 150 days ..... farms..	142	221	181	178	208	254	217	200
workers..	345	609	339	341	539	466	477	367
$1,000 payroll..	295	455	705	381	684	715	618	769
Reported both—workers working 150 days or more and workers working less than 150 days ..... farms..	85	49	91	39	105	105	93	43
150 days or more..	151	109	156	261	263	178	228	103
less than 150 days..	304	167	226	425	467	268	409	162
$1,000 payroll..	2 424	1 259	2 457	2 618	6 616	2 136	4 523	2 079

Table 5. **Hired Farm Labor—Workers and Payroll: 1997**—Con.

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

All farms	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
Hired farm labor ..... farms..	215	346	288	244	339	353	314	210
workers..	492	914	839	544	1 090	1 066	841	412
$1,000 payroll..	1 591	2 649	2 423	2 021	1 949	1 507	4 050	908
Farms with—								
1 worker ..... farms..	96	126	85	117	159	92	118	90
workers..	96	126	85	117	159	92	118	90
2 workers ..... farms..	51	82	88	67	57	128	106	68
workers..	102	164	176	134	114	256	212	136
3 or 4 workers ..... farms..	47	91	93	36	89	65	66	47
workers..	156	282	325	136	300	208	237	153
5 to 9 workers ..... farms..	18	38	11	22	16	54	16	5
workers..	106	209	73	(D)	91	318	100	33
10 workers or more ..... farms..	3	9	11	2	18	14	8	–
workers..	32	133	180	(D)	426	192	174	–
Workers by days worked:								
150 days or more ..... farms..	59	102	75	96	83	134	139	73
workers..	99	158	96	143	154	251	267	96
Farms with—								
1 worker ..... farms..	44	83	64	74	57	111	87	58
workers..	44	83	64	74	57	111	87	58
2 workers ..... farms..	5	11	7	14	20	6	38	11
workers..	10	22	14	28	40	(D)	76	22
3 or 4 workers ..... farms..	7	4	3	4	3	7	10	3
workers..	24	(D)	(D)	14	10	24	34	(D)
5 to 9 workers ..... farms..	2	3	1	4	1	1	2	1
workers..	(D)	19	(D)	27	(D)	(D)	(D)	(D)
10 workers or more ..... farms..	1	1	–	–	2	9	2	–
workers..	(D)	(D)	–	–	(D)	99	(D)	–
Less than 150 days ..... farms..	203	321	278	209	325	310	269	193
workers..	393	756	743	401	936	815	574	316
Farms with—								
1 worker ..... farms..	130	146	107	130	189	119	166	127
workers..	130	146	107	130	189	119	166	127
2 workers ..... farms..	17	44	72	36	27	83	40	20
workers..	34	88	144	72	54	166	80	40
3 or 4 workers ..... farms..	41	99	80	26	86	61	44	43
workers..	134	311	263	99	287	196	153	130
5 to 9 workers ..... farms..	14	27	9	16	7	42	15	3
workers..	(D)	152	59	(D)	44	244	93	19
10 workers or more ..... farms..	1	5	10	1	16	5	4	–
workers..	(D)	59	170	(D)	362	90	82	–
Reported only workers working 150 days or more ..... farms..	12	25	10	35	14	43	45	17
workers..	40	32	17	50	42	146	104	33
$1,000 payroll..	617	404	378	448	432	474	1 323	206
Reported only workers working less than 150 days ..... farms..	156	244	213	148	256	219	175	137
workers..	303	530	601	286	533	598	360	229
$1,000 payroll..	272	646	876	382	511	467	662	275
Reported both—workers working 150 days or more and workers working less than 150 days ..... farms..	47	77	65	61	69	91	94	56
150 days or more..	59	126	79	93	112	105	163	63
less than 150 days..	90	226	142	115	403	217	214	87
$1,000 payroll..	701	1 599	1 169	1 191	1 006	566	2 066	427

Table 5. **Hired Farm Labor—Workers and Payroll: 1997**—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
Hired farm labor ..... farms..	434	309	225	677	280	385	181	146
workers..	1 036	996	636	1 691	944	1 155	513	363
$1,000 payroll..	2 073	3 428	2 354	4 413	2 677	3 000	2 504	420
Farms with—								
1 worker ..... farms..	206	123	108	240	121	136	73	45
workers..	206	123	108	240	121	136	73	45
2 workers ..... farms..	120	62	43	204	38	90	51	52
workers..	240	124	86	408	76	180	102	104
3 or 4 workers ..... farms..	64	76	41	166	73	108	35	37
workers..	198	257	139	568	256	366	138	125
5 to 9 workers ..... farms..	40	36	26	55	44	32	12	10
workers..	242	237	161	317	267	203	73	(D)
10 workers or more ..... farms..	4	12	7	12	4	19	10	2
workers..	150	255	142	158	224	270	127	(D)
Workers by days worked:								
150 days or more ..... farms..	115	97	88	214	107	140	72	49
workers..	165	190	138	343	198	219	132	68
Farms with—								
1 worker ..... farms..	88	40	65	157	63	94	62	41
workers..	88	40	65	157	63	94	62	41
2 workers ..... farms..	19	38	8	24	33	33	1	6
workers..	38	76	16	48	66	66	(D)	(D)
3 or 4 workers ..... farms..	4	14	12	25	7	7	3	–
workers..	13	47	42	86	24	25	11	–
5 to 9 workers ..... farms..	4	5	3	7	2	6	4	2
workers..	26	27	15	(D)	(D)	34	22	(D)
10 workers or more ..... farms..	–	–	–	1	2	–	2	–
workers..	–	–	–	(D)	(D)	–	(D)	–
Less than 150 days ..... farms..	402	252	188	637	258	335	157	140
workers..	871	806	498	1 348	746	936	381	295
Farms with—								
1 worker ..... farms..	245	126	104	317	134	143	77	75
workers..	245	126	104	317	134	143	77	75
2 workers ..... farms..	57	31	23	152	23	64	30	24
workers..	114	62	46	304	46	128	60	48
3 or 4 workers ..... farms..	66	56	38	121	70	83	33	30
workers..	208	187	115	394	232	266	110	104
5 to 9 workers ..... farms..	30	27	16	40	28	28	10	10
workers..	170	176	91	231	158	167	58	(D)
10 workers or more ..... farms..	4	12	7	7	3	17	7	1
workers..	134	255	142	102	176	232	76	(D)
Reported only workers working 150 days or more ..... farms..	32	57	37	40	22	50	24	6
workers..	46	106	49	75	40	91	49	11
$1,000 payroll..	373	1 345	422	873	429	967	1 114	24
Reported only workers working less than 150 days ..... farms..	319	212	137	463	173	245	109	97
workers..	629	731	390	1 013	342	635	272	220
$1,000 payroll..	535	941	525	1 192	260	599	255	144
Reported both—workers working 150 days or more and workers working less than 150 days ..... farms..	83	40	51	174	85	90	48	43
150 days or more..	119	84	89	268	158	128	83	57
less than 150 days..	242	75	108	335	404	301	109	75
$1,000 payroll..	1 165	1 142	1 408	2 348	1 988	1 433	1 136	252

Table 5. **Hired Farm Labor—Workers and Payroll: 1997**—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
Hired farm labor ..... farms..	476	292	336	257	324	160	331	245
workers..	1 531	991	752	585	936	468	1 091	529
$1,000 payroll..	3 755	2 893	4 059	1 795	3 747	720	5 783	2 243
Farms with—								
1 worker ..... farms..	198	140	163	116	103	63	106	120
workers..	198	140	163	116	103	63	106	120
2 workers ..... farms..	100	76	95	92	80	44	77	73
workers..	200	152	190	184	160	88	154	146
3 or 4 workers ..... farms..	101	63	59	35	108	15	97	33
workers..	327	200	214	115	373	50	336	110
5 to 9 workers ..... farms..	48	9	12	7	28	36	33	17
workers..	322	(D)	76	45	185	(D)	218	(D)
10 workers or more ..... farms..	29	4	7	7	5	2	18	2
workers..	484	(D)	109	125	115	(D)	277	(D)
Workers by days worked:								
150 days or more ..... farms..	165	96	123	64	109	33	115	99
workers..	343	279	252	104	245	56	258	137
Farms with—								
1 worker ..... farms..	106	79	92	58	59	26	82	81
workers..	106	79	92	58	59	26	82	81
2 workers ..... farms..	17	2	5	3	31	2	19	9
workers..	34	(D)	10	6	62	(D)	38	18
3 or 4 workers ..... farms..	24	13	16	2	9	4	7	5
workers..	76	42	56	(D)	(D)	14	(D)	17
5 to 9 workers ..... farms..	18	1	7	–	9	–	5	4
workers..	127	(D)	51	–	53	–	30	21
10 workers or more ..... farms..	–	1	3	1	1	1	2	–
workers..	–	(D)	43	(D)	(D)	(D)	(D)	–
Less than 150 days ..... farms..	426	270	308	242	294	146	285	212
workers..	1 188	712	500	481	691	412	833	392
Farms with—								
1 worker ..... farms..	225	162	205	136	118	51	113	136
workers..	225	162	205	136	118	51	113	136
2 workers ..... farms..	76	68	55	69	70	47	55	37
workers..	152	136	110	138	140	94	110	74
3 or 4 workers ..... farms..	68	31	41	24	91	13	76	27
workers..	209	93	132	81	308	42	269	88
5 to 9 workers ..... farms..	40	5	5	8	12	33	26	10
workers..	253	31	(D)	56	77	(D)	171	(D)
10 workers or more ..... farms..	17	4	2	5	3	2	15	2
workers..	349	290	(D)	70	48	(D)	170	(D)
Reported only workers working 150 days or more ..... farms..	50	22	28	15	30	14	46	33
workers..	108	48	64	18	42	17	143	42
$1,000 payroll..	656	203	786	171	550	76	2 651	748
Reported only workers working less than 150 days ..... farms..	311	196	213	193	215	127	216	146
workers..	900	310	314	369	492	318	677	240
$1,000 payroll..	984	228	515	629	442	170	968	452
Reported both—workers working 150 days or more and workers working less than 150 days ..... farms..	115	74	95	49	79	19	69	66
150 days or more..	235	231	188	86	203	39	115	95
less than 150 days..	288	402	186	112	199	94	156	152
$1,000 payroll..	2 115	2 462	2 758	995	2 755	475	2 164	1 043

Table 5. **Hired Farm Labor—Workers and Payroll: 1997**—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
Hired farm labor ..... farms..	180	200	242	459	178	272	358	546
workers..	451	707	885	1 188	717	862	1 110	1 873
$1,000 payroll..	997	2 830	2 395	3 118	3 141	2 642	4 150	4 772
Farms with—								
1 worker ..... farms..	50	78	71	161	54	82	133	199
workers..	50	78	71	161	54	82	133	199
2 workers ..... farms..	85	66	87	156	47	83	76	117
workers..	170	132	174	312	94	166	152	234
3 or 4 workers ..... farms..	15	36	38	76	33	77	84	133
workers..	45	126	127	249	114	271	292	482
5 to 9 workers ..... farms..	29	7	22	52	25	10	52	81
workers..	(D)	44	145	303	139	54	312	516
10 workers or more ..... farms..	1	13	24	14	19	20	13	16
workers..	(D)	327	368	163	316	289	221	442
Workers by days worked:								
150 days or more ..... farms..	57	61	83	92	68	90	114	187
workers..	76	160	128	189	167	129	235	316
Farms with—								
1 worker ..... farms..	48	51	65	54	31	78	88	140
workers..	48	51	65	54	31	78	88	140
2 workers ..... farms..	6	4	6	20	24	6	13	16
workers..	12	(D)	12	40	48	(D)	26	(D)
3 or 4 workers ..... farms..	1	4	9	10	10	4	4	20
workers..	(D)	15	28	(D)	34	12	15	64
5 to 9 workers ..... farms..	2	1	2	6	1	–	5	10
workers..	(D)	(D)	(D)	37	(D)	–	29	60
10 workers or more ..... farms..	–	1	1	2	2	2	4	1
workers..	–	(D)	(D)	(D)	(D)	(D)	77	(D)
Less than 150 days ..... farms..	164	176	224	430	164	255	325	482
workers..	375	547	757	999	550	733	875	1 557
Farms with—								
1 worker ..... farms..	72	73	81	197	64	114	146	207
workers..	72	73	81	197	64	114	146	207
2 workers ..... farms..	50	55	71	110	42	50	59	80
workers..	100	110	142	220	84	100	118	160
3 or 4 workers ..... farms..	22	32	34	68	31	62	66	126
workers..	(D)	111	112	214	104	214	227	436
5 to 9 workers ..... farms..	19	4	23	44	10	11	47	56
workers..	103	26	163	245	59	61	280	359
10 workers or more ..... farms..	1	12	15	11	17	18	7	13
workers..	(D)	227	259	123	239	244	104	395
Reported only workers working 150 days or more ..... farms..	16	24	18	29	14	17	33	64
workers..	27	32	21	67	30	37	38	107
$1,000 payroll..	274	370	373	740	297	606	404	989
Reported only workers working less than 150 days ..... farms..	123	139	159	367	110	182	244	359
workers..	283	358	407	875	273	533	704	1 191
$1,000 payroll..	212	889	649	830	461	839	710	1 441
Reported both—workers working 150 days or more and workers working less than 150 days ..... farms..	41	37	65	63	54	73	81	123
150 days or more..	49	128	107	122	137	92	197	209
less than 150 days..	92	189	350	124	277	200	171	366
$1,000 payroll..	511	1 571	1 373	1 549	2 383	1 197	3 037	2 342

Table 5. **Hired Farm Labor—Workers and Payroll: 1997**—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
Hired farm labor ..... farms..	370	255	468	290	127	466	203	357
workers..	879	635	1 216	788	377	1 569	728	917
$1,000 payroll..	2 028	2 767	4 257	3 944	2 053	6 157	2 525	2 193
Farms with—								
1 worker ..... farms..	159	127	207	92	53	187	35	126
workers..	159	127	207	92	53	187	35	126
2 workers ..... farms..	86	62	131	88	54	90	81	84
workers..	172	124	262	176	108	180	162	168
3 or 4 workers ..... farms..	99	37	89	98	14	103	54	108
workers..	339	127	311	343	44	364	189	358
5 to 9 workers ..... farms..	22	22	31	9	2	68	18	35
workers..	146	122	174	65	(D)	416	122	194
10 workers or more ..... farms..	4	7	10	3	4	18	15	4
workers..	63	135	262	112	(D)	422	220	71
Workers by days worked:								
150 days or more ..... farms..	87	75	156	127	37	116	80	129
workers..	131	131	298	251	73	292	148	195
Farms with—								
1 worker ..... farms..	68	43	119	108	24	65	53	101
workers..	68	43	119	108	24	65	53	101
2 workers ..... farms..	7	24	13	9	2	24	12	19
workers..	14	48	(D)	(D)	(D)	48	24	38
3 or 4 workers ..... farms..	9	6	18	6	8	21	8	6
workers..	27	(D)	55	19	24	75	28	21
5 to 9 workers ..... farms..	3	–	5	1	2	5	7	1
workers..	22	–	31	(D)	(D)	(D)	43	(D)
10 workers or more ..... farms..	–	2	1	3	1	1	–	2
workers..	–	(D)	(D)	97	(D)	(D)	–	(D)
Less than 150 days ..... farms..	354	229	405	271	110	425	185	327
workers..	748	504	918	537	304	1 277	580	722
Farms with—								
1 worker ..... farms..	192	139	223	129	52	194	57	135
workers..	192	139	223	129	52	194	57	135
2 workers ..... farms..	71	36	81	62	51	77	55	68
workers..	142	72	162	124	102	154	110	136
3 or 4 workers ..... farms..	70	31	74	74	3	84	50	102
workers..	249	104	250	239	(D)	284	173	312
5 to 9 workers ..... farms..	17	18	18	5	1	54	10	19
workers..	107	98	99	(D)	(D)	322	69	100
10 workers or more ..... farms..	4	5	9	1	3	16	13	3
workers..	58	91	184	(D)	135	323	171	39
Reported only workers working 150 days or more ..... farms..	16	26	63	19	17	41	18	30
workers..	37	43	101	33	30	85	26	33
$1,000 payroll..	582	339	1 252	454	(D)	1 512	443	235
Reported only workers working less than 150 days ..... farms..	283	180	312	163	90	350	123	228
workers..	590	310	636	322	242	933	329	483
$1,000 payroll..	515	328	784	400	(D)	1 043	354	403
Reported both—workers working 150 days or more and workers working less than 150 days ..... farms..	71	49	93	108	20	75	62	99
150 days or more..	94	88	197	218	43	207	122	162
less than 150 days..	158	194	282	215	62	344	251	239
$1,000 payroll..	930	2 100	2 221	3 089	716	3 602	1 728	1 554

Table 5. **Hired Farm Labor—Workers and Payroll: 1997**—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
Hired farm labor ..... farms..	893	339	297	199	155	231	171	348
workers..	3 082	1 478	906	487	305	530	426	874
$1,000 payroll..	11 940	4 249	3 548	1 685	762	1 884	1 235	1 555
Farms with—								
1 worker ..... farms..	238	106	79	95	65	113	68	118
workers..	238	106	79	95	65	113	68	118
2 workers ..... farms..	278	92	82	53	58	39	44	110
workers..	556	184	164	106	116	78	88	220
3 or 4 workers ..... farms..	164	66	107	44	28	50	34	97
workers..	562	209	356	151	92	157	115	333
5 to 9 workers ..... farms..	177	57	13	2	3	29	24	20
workers..	1 075	299	73	(D)	(D)	182	(D)	118
10 workers or more ..... farms..	36	18	16	5	1	–	1	3
workers..	651	680	234	(D)	(D)	–	(D)	85
Workers by days worked:								
150 days or more ..... farms..	350	118	109	39	46	40	65	74
workers..	787	319	183	94	62	81	81	114
Farms with—								
1 worker ..... farms..	211	87	66	22	40	21	52	58
workers..	211	87	66	22	40	21	52	58
2 workers ..... farms..	39	8	29	2	3	4	12	7
workers..	78	16	58	(D)	6	(D)	(D)	14
3 or 4 workers ..... farms..	72	12	10	13	2	13	–	6
workers..	235	40	31	40	(D)	39	–	21
5 to 9 workers ..... farms..	15	8	3	1	1	2	1	2
workers..	94	48	(D)	(D)	(D)	(D)	(D)	(D)
10 workers or more ..... farms..	13	3	1	1	–	–	–	1
workers..	169	128	(D)	(D)	–	–	–	(D)
Less than 150 days ..... farms..	791	311	274	184	153	223	160	342
workers..	2 295	1 159	723	393	243	449	345	760
Farms with—								
1 worker ..... farms..	324	129	122	95	88	114	84	149
workers..	324	129	122	95	88	114	84	149
2 workers ..... farms..	180	62	56	53	42	42	37	86
workers..	360	124	112	106	84	84	74	172
3 or 4 workers ..... farms..	139	62	72	31	22	48	17	89
workers..	473	194	223	95	(D)	156	(D)	288
5 to 9 workers ..... farms..	127	46	8	2	1	19	21	16
workers..	769	257	44	(D)	(D)	95	105	(D)
10 workers or more ..... farms..	21	12	16	3	–	–	1	2
workers..	369	455	222	(D)	–	–	(D)	(D)
Reported only workers working 150 days or more ..... farms..	102	28	23	15	2	8	11	6
workers..	196	35	34	38	(D)	14	11	13
$1,000 payroll..	2 004	473	295	266	(D)	215	225	222
Reported only workers working less than 150 days ..... farms..	543	221	188	160	109	191	106	274
workers..	1 644	639	546	297	165	343	207	559
$1,000 payroll..	2 544	743	437	308	(D)	301	360	270
Reported both—workers working 150 days or more and workers working less than 150 days ..... farms..	248	90	86	24	44	32	54	68
150 days or more..	591	284	149	56	(D)	67	70	101
less than 150 days..	651	520	177	96	78	106	138	201
$1,000 payroll..	7 393	3 033	2 816	1 111	540	1 368	650	1 063

Table 5. **Hired Farm Labor—Workers and Payroll: 1997**—Con.

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

All farms	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Hired farm labor ..... farms..	371	195	312	249	570	517	208	294
workers..	976	630	948	631	1 572	1 427	428	954
$1,000 payroll..	4 919	679	4 673	1 345	3 477	4 092	1 335	9 483
Farms with—								
1 worker ..... farms..	120	80	107	95	219	207	107	147
workers..	120	80	107	95	219	207	107	147
2 workers ..... farms..	66	44	89	49	164	151	48	37
workers..	132	88	178	98	328	302	96	74
3 or 4 workers ..... farms..	155	32	76	77	92	90	39	61
workers..	510	98	259	271	322	309	131	211
5 to 9 workers ..... farms..	25	20	33	27	88	50	13	44
workers..	151	100	200	(D)	589	313	(D)	263
10 workers or more ..... farms..	5	19	7	1	7	19	1	5
workers..	63	264	204	(D)	114	296	(D)	259
Workers by days worked:								
150 days or more ..... farms..	139	52	103	66	196	131	68	111
workers..	263	55	219	88	337	250	100	168
Farms with—								
1 worker ..... farms..	87	50	88	49	129	81	52	76
workers..	87	(D)	88	49	129	81	52	76
2 workers ..... farms..	32	1	6	14	29	18	5	22
workers..	64	(D)	(D)	28	58	36	(D)	44
3 or 4 workers ..... farms..	11	1	5	3	33	27	9	11
workers..	39	(D)	15	11	111	101	27	(D)
5 to 9 workers ..... farms..	6	–	3	–	4	4	2	2
workers..	33	–	19	–	(D)	(D)	(D)	(D)
10 workers or more ..... farms..	3	–	1	–	1	1	–	–
workers..	40	–	(D)	–	(D)	(D)	–	–
Less than 150 days ..... farms..	315	193	291	237	503	479	180	254
workers..	713	575	729	543	1 235	1 177	328	786
Farms with—								
1 worker ..... farms..	124	106	128	114	239	222	108	144
workers..	124	106	128	114	239	222	108	144
2 workers ..... farms..	49	38	54	25	102	114	34	25
workers..	98	76	108	50	204	228	68	50
3 or 4 workers ..... farms..	125	11	75	85	82	101	27	46
workers..	400	34	241	294	275	331	84	142
5 to 9 workers ..... farms..	16	19	30	12	76	29	10	35
workers..	(D)	95	173	(D)	448	186	(D)	204
10 workers or more ..... farms..	1	19	4	1	4	13	1	4
workers..	(D)	264	79	(D)	69	210	(D)	246
Reported only workers working 150 days or more ..... farms..	56	2	21	12	67	38	28	40
workers..	120	(D)	27	20	125	59	32	63
$1,000 payroll..	1 966	(D)	293	145	609	605	291	822
Reported only workers working less than 150 days ..... farms..	232	143	209	183	374	386	140	183
workers..	521	499	456	414	802	866	247	380
$1,000 payroll..	974	397	861	690	625	1 163	458	522
Reported both—workers working 150 days or more and workers working less than 150 days ..... farms..	83	50	82	54	129	93	40	71
150 days or more..	143	(D)	192	68	212	191	68	105
less than 150 days..	192	76	273	129	433	311	81	406
$1,000 payroll..	1 978	(D)	3 520	509	2 244	2 325	586	8 139

Table 6. Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992

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

All farms	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
FARMS AND LAND IN FARMS							
Farms ..... number, 1997	90 792	792	573	958	797	649	1 210
1992	96 543	891	643	1 000	827	740	1 325
Land in farms ..... acres, 1997	31 166 699	335 756	235 441	295 778	241 094	272 258	418 483
1992	31 346 565	328 970	239 800	321 728	238 609	268 506	427 215
Average size of farm ..... acres, 1997	343	424	411	309	303	420	346
1992	325	369	373	322	289	363	322
Estimated market value of land and buildings[1] .... farms, 1997	90 786	791	573	959	797	649	1 209
1992	96 541	892	643	999	827	740	1 325
$1,000, 1997	51 438 152	300 898	217 751	283 979	154 119	422 445	854 439
1992	38 062 933	255 341	152 174	260 379	141 490	317 418	594 908
Average per farm ..... dollars, 1997	566 587	380 402	380 020	296 120	193 374	650 917	706 732
1992	394 267	286 257	236 663	260 640	171 088	428 944	448 987
Average per acre ..... dollars, 1997	1 697	1 003	905	974	649	1 587	1 999
1992	1 212	790	617	770	576	1 178	1 419
1997 farms by value group:							
$1 to $39,999	6 863	65	51	74	126	40	29
$40,000 to $69,999	6 204	86	66	106	154	55	95
$70,000 to $99,999	5 997	93	34	53	92	37	39
$100,000 to $149,999	8 505	64	34	159	115	57	113
$150,000 to $199,999	6 673	43	42	67	55	35	72
$200,000 to $499,999	24 213	212	259	323	177	151	283
$500,000 to $999,999	17 252	171	64	140	70	150	292
$1,000,000 to $1,999,999	10 795	42	12	31	7	87	216
$2,000,000 to $4,999,999	3 899	15	9	6	1	31	69
$5,000,000 or more	385	–	2	–	–	6	1
Approximate land area ..... acres, 1997	35 759 932	364 370	271 076	409 350	317 623	283 618	458 531
Proportion in farms ..... percent, 1997	87.2	92.1	86.9	72.3	75.9	96.0	91.3
1997 size of farm:							
1 to 9 acres ..... farms	5 049	36	21	40	21	41	79
acres	20 555	111	63	140	71	191	319
10 to 49 acres ..... farms	11 580	67	59	104	118	62	163
acres	305 198	2 006	1 544	2 859	3 533	1 510	4 556
50 to 69 acres ..... farms	3 183	29	17	31	31	21	37
acres	186 237	1 664	1 015	1 822	1 840	1 189	2 269
70 to 99 acres ..... farms	6 718	62	56	47	92	40	80
acres	547 358	5 029	4 513	3 859	7 654	3 276	6 585
100 to 139 acres ..... farms	6 517	55	38	81	70	32	70
acres	762 391	6 470	4 491	9 351	7 979	3 710	8 128
140 to 179 acres ..... farms	8 107	72	41	90	73	59	111
acres	1 278 230	11 264	6 538	14 125	11 280	9 334	17 627
180 to 219 acres ..... farms	5 265	29	33	95	56	35	67
acres	1 040 454	5 776	6 554	18 773	10 942	6 896	13 311
220 to 259 acres ..... farms	5 093	43	31	71	58	34	67
acres	1 210 670	10 278	7 416	16 938	13 715	8 049	15 968
260 to 499 acres ..... farms	18 560	169	119	221	123	140	245
acres	6 767 595	61 269	43 804	80 429	44 517	50 265	90 430
500 to 999 acres ..... farms	14 833	153	112	141	117	132	206
acres	10 213 853	108 695	81 089	94 807	78 225	91 645	140 084
1,000 to 1,999 acres ..... farms	5 114	64	37	32	29	41	79
acres	6 636 778	85 034	48 895	41 749	38 688	53 516	103 490
2,000 acres or more ..... farms	773	13	9	5	9	12	6
acres	2 197 380	38 160	29 519	10 926	22 650	42 677	15 716
1992 size of farm:							
1 to 9 acres ..... farms	7 129	55	40	55	25	60	101
acres	23 915	144	115	141	73	207	313
10 to 49 acres ..... farms	10 345	85	41	73	124	62	143
acres	267 348	2 474	1 004	2 009	3 348	1 338	3 782
50 to 69 acres ..... farms	2 780	25	9	21	36	17	31
acres	162 329	1 475	518	1 258	2 069	966	1 792
70 to 99 acres ..... farms	6 228	65	44	54	77	41	76
acres	505 893	5 230	3 619	4 437	6 442	3 281	6 159
100 to 139 acres ..... farms	6 677	46	51	92	86	49	65
acres	782 888	5 489	5 992	10 676	9 812	5 697	7 794
140 to 179 acres ..... farms	8 833	77	64	86	52	55	129
acres	1 394 907	12 178	10 054	13 380	8 075	8 842	20 412
180 to 219 acres ..... farms	5 708	33	32	86	70	46	72
acres	1 128 208	6 508	6 415	17 019	13 695	8 985	14 189
220 to 259 acres ..... farms	6 112	61	42	76	47	41	101
acres	1 451 881	14 350	9 971	18 080	11 213	9 805	24 015
260 to 499 acres ..... farms	22 168	221	150	280	139	182	324
acres	8 083 381	80 455	55 107	101 146	50 166	66 965	118 501
500 to 999 acres ..... farms	15 830	167	132	131	143	142	227
acres	10 770 679	112 829	90 039	87 662	93 844	92 912	154 644
1,000 to 1,999 acres ..... farms	4 241	48	34	40	22	38	53
acres	5 418 105	62 023	47 831	49 830	26 242	48 175	66 606
2,000 acres or more ..... farms	492	8	4	6	6	7	3
acres	1 357 031	25 815	9 135	16 090	13 630	21 333	9 008

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
FARMS AND LAND IN FARMS							
Farms ..... number, 1997	1 002	863	982	1 136	867	1 085	793
1992	1 111	923	1 058	1 193	972	1 146	899
Land in farms ..... acres, 1997	285 972	328 906	238 528	336 863	356 751	324 282	336 516
1992	299 502	330 080	236 668	333 115	341 923	315 448	345 567
Average size of farm ..... acres, 1997	285	381	243	297	411	299	424
1992	270	358	224	279	352	275	384
Estimated market value of land and buildings[1] .... farms, 1997	1 001	863	981	1 135	866	1 085	792
1992	1 110	922	1 058	1 194	973	1 146	899
$1,000, 1997	622 654	664 950	470 544	582 472	732 216	563 159	796 095
1992	461 615	528 142	353 476	440 760	534 258	394 554	575 254
Average per farm ..... dollars, 1997	622 032	770 510	479 658	513 191	845 515	519 040	1 005 171
1992	415 869	572 822	334 099	369 146	549 084	344 288	639 883
Average per acre ..... dollars, 1997	2 321	2 160	2 094	1 839	2 242	1 781	2 426
1992	1 486	1 607	1 427	1 293	1 494	1 243	1 587
1997 farms by value group:							
$1 to $39,999	91	73	106	82	63	77	9
$40,000 to $69,999	45	24	75	86	62	85	41
$70,000 to $99,999	53	51	38	82	10	59	36
$100,000 to $149,999	61	88	80	117	50	100	43
$150,000 to $199,999	73	75	93	157	57	48	36
$200,000 to $499,999	294	187	282	260	141	368	202
$500,000 to $999,999	218	146	163	213	225	216	104
$1,000,000 to $1,999,999	123	159	119	87	196	94	185
$2,000,000 to $4,999,999	38	51	21	45	56	31	123
$5,000,000 or more	5	9	4	6	6	7	13
Approximate land area ..... acres, 1997	363 119	365 752	280 278	365 625	367 885	371 469	364 928
Proportion in farms ..... percent, 1997	78.8	89.9	85.1	92.1	97.0	87.3	92.2
1997 size of farm:							
1 to 9 acres ..... farms	75	64	78	83	67	73	44
acres	308	274	313	324	281	312	194
10 to 49 acres ..... farms	177	129	163	159	66	159	83
acres	4 544	3 492	4 219	4 075	1 642	3 989	2 421
50 to 69 acres ..... farms	40	31	41	46	11	29	25
acres	2 338	1 835	2 321	2 698	651	1 728	1 442
70 to 99 acres ..... farms	86	56	79	98	48	80	52
acres	6 926	4 522	6 459	7 996	3 869	6 562	4 178
100 to 139 acres ..... farms	78	49	108	118	33	89	32
acres	9 000	5 682	12 542	13 900	3 766	10 157	3 713
140 to 179 acres ..... farms	80	67	94	115	66	95	67
acres	12 570	10 542	14 658	18 206	10 357	15 053	10 660
180 to 219 acres ..... farms	47	49	74	57	26	71	27
acres	9 353	9 675	14 490	11 279	5 195	14 059	5 410
220 to 259 acres ..... farms	45	28	57	56	55	74	39
acres	10 696	6 594	13 475	13 333	13 301	17 555	9 190
260 to 499 acres ..... farms	192	157	158	187	224	233	158
acres	69 746	59 195	55 738	67 836	83 688	86 444	59 340
500 to 999 acres ..... farms	130	158	97	158	216	124	189
acres	89 896	111 594	63 267	106 904	147 515	82 167	131 993
1,000 to 1,999 acres ..... farms	49	65	29	49	47	52	67
acres	61 333	86 446	38 737	64 466	60 778	67 369	85 299
2,000 acres or more ..... farms	3	10	4	10	8	6	10
acres	9 262	29 055	12 309	25 846	25 708	18 887	22 676
1992 size of farm:							
1 to 9 acres ..... farms	116	80	96	83	96	116	71
acres	(D)	337	322	316	(D)	407	242
10 to 49 acres ..... farms	183	102	154	135	64	130	57
acres	4 618	2 646	4 022	3 504	1 440	3 087	1 337
50 to 69 acres ..... farms	44	26	32	34	7	21	15
acres	2 580	1 434	1 888	2 018	381	1 230	873
70 to 99 acres ..... farms	90	66	100	117	54	83	51
acres	7 304	5 334	8 100	9 426	4 307	6 807	4 129
100 to 139 acres ..... farms	71	76	109	146	35	81	49
acres	8 121	9 012	12 753	17 234	4 079	9 307	5 728
140 to 179 acres ..... farms	95	71	125	125	86	108	75
acres	14 903	11 160	19 744	19 824	13 523	17 085	11 926
180 to 219 acres ..... farms	55	44	70	59	40	72	43
acres	10 901	8 629	13 965	11 407	8 074	14 215	8 463
220 to 259 acres ..... farms	42	41	71	52	72	90	46
acres	9 948	9 754	16 856	12 386	17 097	21 434	10 900
260 to 499 acres ..... farms	221	180	194	227	267	261	220
acres	78 483	66 854	68 532	80 940	99 317	96 957	80 367
500 to 999 acres ..... farms	145	168	82	165	213	152	214
acres	98 723	114 658	54 403	108 634	142 708	100 630	144 911
1,000 to 1,999 acres ..... farms	47	59	22	47	36	29	52
acres	59 349	74 860	28 545	60 221	44 026	37 519	63 364
2,000 acres or more ..... farms	2	10	3	3	2	3	6
acres	(D)	25 402	7 538	7 205	(D)	6 770	13 327

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
FARMS AND LAND IN FARMS							
Farms ..... number, 1997	1 102	804	965	822	890	926	678
1992	1 197	905	1 099	821	979	1 007	680
Land in farms ..... acres, 1997	352 698	331 362	325 744	300 851	330 355	272 371	221 848
1992	359 755	347 353	338 801	308 497	336 254	274 905	236 409
Average size of farm ..... acres, 1997	320	412	338	366	371	294	327
1992	301	384	308	376	343	273	348
Estimated market value of land and buildings[1] .... farms, 1997	1 102	804	964	822	889	927	678
1992	1 196	906	1 100	821	978	1 007	680
$1,000, 1997	665 146	416 776	671 334	559 316	610 408	413 399	170 261
1992	524 100	347 241	454 020	441 816	465 908	317 501	137 737
Average per farm ..... dollars, 1997	603 581	518 379	696 404	680 433	686 623	445 954	251 123
1992	438 211	383 268	412 745	538 144	476 389	315 294	202 554
Average per acre ..... dollars, 1997	1 814	1 318	2 071	1 946	1 922	1 515	711
1992	1 430	945	1 383	1 335	1 378	1 160	581
1997 farms by value group:							
$1 to $39,999	77	84	63	62	45	78	79
$40,000 to $69,999	62	56	32	59	24	62	89
$70,000 to $99,999	28	47	63	21	46	86	83
$100,000 to $149,999	88	77	59	65	60	93	76
$150,000 to $199,999	31	97	65	40	25	77	86
$200,000 to $499,999	339	140	250	226	252	251	175
$500,000 to $999,999	239	172	203	149	229	173	74
$1,000,000 to $1,999,999	214	105	164	157	155	82	10
$2,000,000 to $4,999,999	21	26	61	38	50	25	6
$5,000,000 or more	3	–	4	5	3	–	–
Approximate land area ..... acres, 1997	364 383	361 184	370 926	363 793	369 408	323 010	275 938
Proportion in farms ..... percent, 1997	96.8	91.7	87.8	82.7	89.4	84.3	80.4
1997 size of farm:							
1 to 9 acres ..... farms	90	50	52	52	43	60	24
acres	315	207	176	209	169	271	101
10 to 49 acres ..... farms	98	82	135	135	89	119	75
acres	2 199	2 057	3 374	3 111	2 462	3 502	2 322
50 to 69 acres ..... farms	19	25	29	21	29	36	24
acres	1 095	1 448	1 683	1 213	1 777	2 105	1 371
70 to 99 acres ..... farms	48	51	59	60	51	74	68
acres	3 908	4 160	4 835	4 799	4 052	5 971	5 559
100 to 139 acres ..... farms	68	42	71	32	36	77	55
acres	7 846	4 814	8 357	3 755	4 298	8 980	6 571
140 to 179 acres ..... farms	111	69	90	66	68	83	68
acres	17 639	10 902	14 248	10 334	10 792	12 993	10 607
180 to 219 acres ..... farms	77	34	59	27	50	54	51
acres	15 131	6 738	11 594	5 316	9 842	10 720	9 798
220 to 259 acres ..... farms	73	45	56	41	43	41	39
acres	17 369	10 691	13 409	9 786	10 286	9 795	9 254
260 to 499 acres ..... farms	293	143	175	170	245	210	148
acres	105 419	51 421	63 672	63 106	89 993	74 552	52 922
500 to 999 acres ..... farms	187	178	184	155	179	132	82
acres	125 904	123 698	127 724	104 735	118 773	88 722	57 442
1,000 to 1,999 acres ..... farms	34	79	49	55	53	37	37
acres	43 268	102 206	62 756	70 968	68 143	46 998	48 927
2,000 acres or more ..... farms	4	6	6	8	4	3	7
acres	12 605	13 020	13 916	23 519	9 768	7 762	16 974
1992 size of farm:							
1 to 9 acres ..... farms	108	55	91	54	64	82	36
acres	382	200	264	228	(D)	(D)	121
10 to 49 acres ..... farms	98	94	110	100	75	116	70
acres	2 089	2 188	2 799	2 064	2 081	3 024	1 786
50 to 69 acres ..... farms	15	31	28	14	28	34	14
acres	877	1 897	1 608	836	1 620	2 051	813
70 to 99 acres ..... farms	51	46	62	48	61	70	44
acres	4 187	3 726	5 058	3 889	4 910	5 608	3 506
100 to 139 acres ..... farms	85	59	72	39	39	89	48
acres	10 208	6 935	8 406	4 676	4 507	10 455	5 649
140 to 179 acres ..... farms	130	65	113	63	80	99	67
acres	20 483	10 243	17 943	10 045	12 631	15 539	10 375
180 to 219 acres ..... farms	70	39	67	35	56	67	42
acres	13 861	7 675	13 216	6 877	11 119	13 198	8 330
220 to 259 acres ..... farms	86	60	71	46	65	54	41
acres	20 387	14 362	16 924	11 030	15 431	12 847	9 720
260 to 499 acres ..... farms	342	198	266	206	290	237	179
acres	121 620	71 275	96 874	76 524	108 765	84 063	64 765
500 to 999 acres ..... farms	173	188	179	163	180	123	97
acres	112 334	133 982	123 850	111 318	122 951	80 948	66 127
1,000 to 1,999 acres ..... farms	36	65	37	43	40	34	37
acres	46 278	81 222	45 857	54 348	49 842	42 145	49 573
2,000 acres or more ..... farms	3	5	3	10	1	2	5
acres	7 049	13 648	6 002	26 662	(D)	(D)	15 644

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
FARMS AND LAND IN FARMS							
Farms ..... number, 1997	668	1 638	1 268	1 107	918	884	730
1992	770	1 617	1 362	1 260	944	892	648
Land in farms ..... acres, 1997	285 829	452 050	367 764	431 726	323 612	266 508	261 927
1992	314 812	456 954	368 114	415 104	312 173	275 319	261 494
Average size of farm ..... acres, 1997	428	276	290	390	353	301	359
1992	409	283	270	329	331	309	404
Estimated market value of land and buildings[1] .... farms, 1997	668	1 639	1 266	1 108	917	883	732
1992	770	1 616	1 362	1 259	942	892	649
$1,000, 1997	530 397	631 955	627 180	620 937	770 769	224 034	152 026
1992	459 246	490 236	463 527	442 017	487 550	152 143	125 090
Average per farm ..... dollars, 1997	794 008	385 574	495 403	560 413	840 534	253 719	207 685
1992	596 424	303 364	340 328	351 086	517 569	170 564	192 742
Average per acre ..... dollars, 1997	1 927	1 457	1 788	1 500	2 418	838	608
1992	1 466	1 095	1 310	1 058	1 579	564	483
1997 farms by value group:							
$1 to $39,999	27	134	100	101	71	101	124
$40,000 to $69,999	26	81	57	34	71	115	122
$70,000 to $99,999	46	122	101	96	39	115	92
$100,000 to $149,999	47	199	92	65	110	173	93
$150,000 to $199,999	12	144	129	99	53	82	89
$200,000 to $499,999	145	582	361	322	192	166	148
$500,000 to $999,999	166	265	275	228	133	96	46
$1,000,000 to $1,999,999	146	78	122	128	148	31	13
$2,000,000 to $4,999,999	49	33	27	25	77	4	4
$5,000,000 or more	4	1	2	10	23	–	1
Approximate land area ..... acres, 1997	364 118	498 464	444 827	457 223	375 363	322 102	340 640
Proportion in farms ..... percent, 1997	78.5	90.7	82.7	94.4	86.2	82.7	76.9
1997 size of farm:							
1 to 9 acres ..... farms	37	83	86	70	69	25	20
acres	148	340	(D)	294	303	85	65
10 to 49 acres ..... farms	69	149	167	138	188	117	105
acres	1 683	4 207	4 099	3 435	5 344	3 654	3 009
50 to 69 acres ..... farms	8	64	47	27	47	48	28
acres	471	3 754	2 716	1 568	2 805	2 826	1 652
70 to 99 acres ..... farms	36	114	90	68	80	72	60
acres	2 901	9 460	7 476	5 598	6 542	5 877	4 908
100 to 139 acres ..... farms	39	164	93	73	71	100	56
acres	4 544	19 454	11 075	8 455	8 153	11 883	6 590
140 to 179 acres ..... farms	68	163	110	100	54	85	69
acres	10 708	25 922	17 303	16 028	8 492	13 339	10 772
180 to 219 acres ..... farms	27	143	95	47	30	60	32
acres	5 377	28 471	18 806	9 199	5 972	11 857	6 307
220 to 259 acres ..... farms	31	133	78	60	40	74	46
acres	7 398	31 579	18 512	14 265	9 481	17 396	10 982
260 to 499 acres ..... farms	134	385	252	232	117	150	150
acres	50 181	137 292	88 986	84 371	42 330	52 804	53 739
500 to 999 acres ..... farms	149	192	200	212	135	108	111
acres	102 701	127 892	131 660	150 912	93 800	76 485	75 923
1,000 to 1,999 acres ..... farms	64	45	48	64	71	35	45
acres	84 389	56 872	61 587	80 386	94 591	45 732	58 969
2,000 acres or more ..... farms	6	3	2	16	16	10	8
acres	15 328	6 807	(D)	57 215	45 799	24 570	29 011
1992 size of farm:							
1 to 9 acres ..... farms	52	80	113	87	82	29	20
acres	156	(D)	(D)	241	345	84	55
10 to 49 acres ..... farms	59	125	157	155	164	97	58
acres	1 517	3 447	3 846	3 990	4 384	2 675	1 690
50 to 69 acres ..... farms	13	31	33	29	38	45	15
acres	753	1 749	1 970	1 714	2 255	2 682	920
70 to 99 acres ..... farms	39	97	91	72	81	79	50
acres	3 111	7 937	7 397	5 909	6 625	6 439	4 015
100 to 139 acres ..... farms	28	144	91	85	62	92	51
acres	3 351	17 100	10 485	9 980	7 428	10 858	5 839
140 to 179 acres ..... farms	72	161	122	119	69	89	60
acres	11 348	25 462	19 163	18 857	10 930	13 921	9 332
180 to 219 acres ..... farms	37	143	116	83	42	70	42
acres	7 313	28 140	22 904	16 355	8 363	13 850	8 310
220 to 259 acres ..... farms	43	166	108	80	35	61	41
acres	10 279	39 308	25 614	19 111	8 165	14 312	9 853
260 to 499 acres ..... farms	189	433	313	282	152	164	145
acres	70 793	151 427	111 863	104 272	54 776	59 088	51 920
500 to 999 acres ..... farms	180	202	184	207	152	117	114
acres	124 252	135 832	123 395	141 230	105 113	78 947	79 650
1,000 to 1,999 acres ..... farms	53	33	33	52	56	42	44
acres	70 506	42 127	38 556	66 350	74 236	54 870	58 476
2,000 acres or more ..... farms	5	2	1	9	11	7	8
acres	11 433	(D)	(D)	27 095	29 553	17 593	31 434

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
FARMS AND LAND IN FARMS								
Farms ..... number, 1997	1 278	650	512	1 579	519	1 295	850	856
1992	1 367	681	554	1 653	557	1 416	882	929
Land in farms ..... acres, 1997	326 187	192 165	201 126	336 497	220 174	404 407	300 255	344 296
1992	336 131	192 467	202 249	343 870	224 811	401 625	287 586	343 367
Average size of farm ..... acres, 1997	255	296	393	213	424	312	353	402
1992	246	283	365	208	404	284	326	370
Estimated market value of land and buildings[1] .... farms, 1997	1 279	652	512	1 578	519	1 295	852	859
1992	1 366	680	554	1 652	557	1 416	882	929
$1,000, 1997	576 621	296 979	341 321	530 807	377 645	606 983	536 225	647 379
1992	467 524	273 070	268 903	444 944	326 903	444 711	344 213	466 156
Average per farm ..... dollars, 1997	450 837	455 489	666 643	336 380	727 640	468 712	629 372	753 642
1992	342 258	401 573	485 385	269 337	586 900	314 061	390 264	501 782
Average per acre ..... dollars, 1997	1 824	1 584	1 744	1 623	1 744	1 536	1 784	2 014
1992	1 430	1 396	1 281	1 290	1 507	1 178	1 227	1 396
1997 farms by value group:								
$1 to $39,999	60	58	33	117	26	87	57	37
$40,000 to $69,999	79	56	18	81	47	82	71	38
$70,000 to $99,999	58	53	49	93	15	83	58	34
$100,000 to $149,999	95	59	21	156	38	158	67	88
$150,000 to $199,999	120	82	18	185	29	112	52	41
$200,000 to $499,999	497	175	130	619	98	387	212	186
$500,000 to $999,999	245	82	128	274	139	247	156	236
$1,000,000 to $1,999,999	98	60	85	44	95	93	132	135
$2,000,000 to $4,999,999	27	25	29	8	29	45	43	60
$5,000,000 or more	–	2	1	1	3	1	4	4
Approximate land area ..... acres, 1997	369 846	266 353	243 884	389 260	253 292	467 828	320 382	372 793
Proportion in farms ..... percent, 1997	88.2	72.1	82.5	86.4	86.9	86.4	93.7	92.4
1997 size of farm:								
1 to 9 acres ..... farms	67	34	20	79	21	78	38	51
acres	(D)	145	(D)	(D)	(D)	358	149	202
10 to 49 acres ..... farms	121	111	66	204	58	155	128	87
acres	2 894	3 277	1 783	4 993	1 537	4 291	3 404	2 145
50 to 69 acres ..... farms	30	31	18	64	22	42	32	26
acres	1 748	1 812	1 045	3 676	1 318	2 514	1 873	1 526
70 to 99 acres ..... farms	66	54	36	122	23	89	65	50
acres	5 476	4 472	2 972	10 016	1 848	7 294	5 312	3 931
100 to 139 acres ..... farms	124	57	24	144	23	100	58	48
acres	14 545	6 689	2 820	16 699	2 661	11 695	6 801	5 600
140 to 179 acres ..... farms	174	42	44	211	32	134	77	69
acres	27 292	6 604	6 975	33 301	4 969	21 365	12 122	10 949
180 to 219 acres ..... farms	142	43	19	185	22	73	50	48
acres	27 953	8 549	3 810	36 277	4 404	14 540	9 879	9 456
220 to 259 acres ..... farms	98	37	25	142	26	88	49	34
acres	(D)	8 699	5 904	33 719	6 264	21 136	11 539	8 146
260 to 499 acres ..... farms	316	119	111	312	104	296	143	179
acres	112 247	43 525	41 873	108 145	39 595	107 702	53 427	66 435
500 to 999 acres ..... farms	107	89	108	101	148	174	145	182
acres	71 026	62 633	76 445	66 601	102 366	118 030	98 249	127 971
1,000 to 1,999 acres ..... farms	32	30	39	13	38	58	57	77
acres	37 648	37 960	52 354	17 261	50 537	76 278	73 132	94 372
2,000 acres or more ..... farms	1	3	2	2	2	8	8	5
acres	(D)	7 800	(D)	(D)	(D)	19 204	24 368	13 563
1992 size of farm:								
1 to 9 acres ..... farms	112	56	38	107	37	111	69	67
acres	342	(D)	(D)	(D)	(D)	(D)	228	(D)
10 to 49 acres ..... farms	109	103	68	179	40	130	115	89
acres	2 650	2 943	1 659	4 441	864	3 529	2 895	2 091
50 to 69 acres ..... farms	30	34	10	57	10	41	32	20
acres	1 754	2 031	585	3 298	603	2 439	1 867	1 160
70 to 99 acres ..... farms	62	30	34	107	22	86	56	46
acres	5 027	2 520	2 758	8 788	1 759	7 198	4 581	3 763
100 to 139 acres ..... farms	120	60	20	160	22	116	68	54
acres	14 487	6 905	2 404	18 956	2 591	13 687	7 871	6 188
140 to 179 acres ..... farms	191	58	42	250	56	174	70	67
acres	30 370	9 229	6 626	39 512	8 871	27 689	11 045	10 600
180 to 219 acres ..... farms	151	53	20	217	15	109	25	47
acres	29 788	10 604	3 982	42 820	3 071	21 534	5 082	9 189
220 to 259 acres ..... farms	136	32	30	148	26	97	52	47
acres	32 112	7 510	7 093	35 146	6 236	23 011	12 427	11 112
260 to 499 acres ..... farms	312	135	148	327	145	319	194	233
acres	109 771	47 410	55 388	113 493	53 706	115 036	71 964	84 719
500 to 999 acres ..... farms	119	87	114	88	153	185	152	208
acres	79 761	58 960	81 182	58 432	104 931	123 810	104 962	144 373
1,000 to 1,999 acres ..... farms	25	32	29	12	29	47	46	49
acres	30 069	40 871	38 455	15 317	38 015	61 142	58 062	62 791
2,000 acres or more ..... farms	–	1	1	1	2	1	3	2
acres	–	(D)	(D)	(D)	(D)	(D)	6 602	(D)

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
FARMS AND LAND IN FARMS								
Farms ..... number, 1997	568	763	754	847	790	849	857	876
1992	596	851	853	946	873	939	986	919
Land in farms ..... acres, 1997	318 355	343 346	321 389	304 177	348 675	334 050	339 951	392 708
1992	302 352	366 927	317 205	328 885	332 377	329 151	332 358	399 155
Average size of farm ..... acres, 1997	560	450	426	359	441	393	397	448
1992	507	431	372	348	381	351	337	434
Estimated market value of land and buildings[1] .... farms, 1997	567	763	753	846	789	849	856	876
1992	597	851	854	946	875	939	986	919
$1,000, 1997	408 890	650 437	728 115	407 211	748 419	703 626	664 732	556 259
1992	268 976	498 127	528 934	357 314	577 334	486 911	463 978	381 110
Average per farm ..... dollars, 1997	721 146	852 473	966 952	481 336	948 567	828 770	776 556	634 999
1992	450 547	585 344	619 361	377 710	659 810	518 542	470 566	414 701
Average per acre ..... dollars, 1997	1 293	2 024	2 289	1 281	2 373	2 121	1 990	1 508
1992	951	1 355	1 678	1 025	1 679	1 447	1 446	974
1997 farms by value group:								
$1 to $39,999	42	79	60	67	25	74	75	47
$40,000 to $69,999	28	27	6	87	36	25	72	32
$70,000 to $99,999	30	34	16	42	41	7	54	72
$100,000 to $149,999	47	37	49	86	29	33	61	70
$150,000 to $199,999	30	21	36	67	55	38	41	65
$200,000 to $499,999	135	170	109	222	215	173	144	270
$500,000 to $999,999	130	155	269	160	135	210	213	140
$1,000,000 to $1,999,999	88	164	120	94	166	234	128	135
$2,000,000 to $4,999,999	32	67	75	20	72	52	61	42
$5,000,000 or more	5	9	13	1	15	3	7	3
Approximate land area ..... acres, 1997	327 244	363 802	321 634	378 004	369 094	365 533	364 359	445 987
Proportion in farms ..... percent, 1997	97.3	94.4	99.9	80.5	94.5	91.4	93.3	88.1
1997 size of farm:								
1 to 9 acres ..... farms	15	40	59	40	52	51	59	39
acres	46	192	248	103	237	251	213	178
10 to 49 acres ..... farms	47	72	77	110	81	74	119	110
acres	1 313	1 873	1 915	3 107	2 045	1 799	3 237	2 620
50 to 69 acres ..... farms	12	20	11	40	15	12	26	18
acres	689	1 217	633	2 327	890	691	1 518	1 061
70 to 99 acres ..... farms	43	51	47	54	55	42	40	62
acres	3 452	4 096	3 707	4 353	4 410	3 402	3 238	5 068
100 to 139 acres ..... farms	38	41	37	78	35	38	58	59
acres	4 396	4 712	4 299	9 280	4 121	4 549	6 805	6 876
140 to 179 acres ..... farms	47	45	67	74	50	98	52	65
acres	7 444	7 110	10 687	11 623	7 827	15 310	8 114	10 422
180 to 219 acres ..... farms	26	34	29	51	40	34	37	34
acres	5 114	6 704	5 903	10 146	7 929	6 671	7 357	6 737
220 to 259 acres ..... farms	24	37	34	35	47	59	41	36
acres	5 819	8 788	8 092	8 335	11 234	14 005	9 656	8 664
260 to 499 acres ..... farms	96	155	183	162	161	190	171	183
acres	36 391	58 539	68 389	58 640	59 941	69 735	61 880	68 630
500 to 999 acres ..... farms	118	192	138	139	172	185	176	166
acres	82 676	136 071	94 564	98 816	118 293	128 558	121 191	117 697
1,000 to 1,999 acres ..... farms	81	64	60	53	66	61	70	87
acres	103 227	83 606	78 696	70 264	85 773	77 498	91 805	115 758
2,000 acres or more ..... farms	21	12	12	11	16	5	8	17
acres	67 788	30 438	44 256	27 183	45 975	11 581	24 937	48 997
1992 size of farm:								
1 to 9 acres ..... farms	37	51	88	74	65	67	90	60
acres	129	172	347	197	225	(D)	317	177
10 to 49 acres ..... farms	27	72	72	79	76	72	97	90
acres	800	1 935	1 741	2 350	1 896	1 836	2 684	2 545
50 to 69 acres ..... farms	22	14	9	44	16	17	27	26
acres	1 275	843	515	2 540	938	1 004	1 574	1 537
70 to 99 acres ..... farms	43	45	43	48	46	36	60	48
acres	3 496	3 619	3 437	3 916	3 776	2 913	4 863	3 976
100 to 139 acres ..... farms	23	44	40	78	46	31	81	54
acres	2 737	5 050	4 692	9 070	5 358	3 630	9 593	6 154
140 to 179 acres ..... farms	47	68	79	87	66	124	83	52
acres	7 468	10 828	12 520	13 765	10 343	19 603	12 984	8 173
180 to 219 acres ..... farms	26	41	37	44	48	32	50	40
acres	5 189	8 137	7 513	8 694	9 645	6 316	9 950	7 875
220 to 259 acres ..... farms	25	42	75	65	49	74	48	44
acres	6 004	9 913	17 866	15 334	11 674	17 594	11 435	10 511
260 to 499 acres ..... farms	130	188	194	210	218	262	210	203
acres	47 899	70 095	71 309	76 224	81 373	97 381	77 567	73 755
500 to 999 acres ..... farms	125	208	161	157	185	180	184	214
acres	89 676	146 470	108 808	111 592	126 796	124 583	126 768	148 252
1,000 to 1,999 acres ..... farms	78	72	49	52	54	43	53	77
acres	102 561	94 012	62 326	66 087	68 909	51 961	64 773	102 107
2,000 acres or more ..... farms	13	6	6	8	4	1	3	11
acres	35 118	15 853	26 131	19 116	11 444	(D)	9 850	34 093

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
FARMS AND LAND IN FARMS								
Farms ..... number, 1997	835	862	600	637	976	1 280	1 204	765
1992	795	881	677	729	977	1 326	1 309	740
Land in farms ..... acres, 1997	244 704	269 750	257 411	253 306	331 922	334 824	420 637	228 017
1992	225 835	260 781	280 797	272 831	321 285	346 569	431 185	227 073
Average size of farm ..... acres, 1997	293	313	429	398	340	262	349	298
1992	284	296	415	374	329	261	329	307
Estimated market value of land and buildings[1] .... farms, 1997	836	863	600	636	976	1 280	1 204	764
1992	795	882	677	728	978	1 326	1 309	740
$1,000, 1997	402 735	372 743	554 556	418 412	460 748	380 222	650 428	250 514
1992	299 605	267 862	428 046	299 121	309 896	318 196	491 687	207 962
Average per farm ..... dollars, 1997	481 740	431 916	924 260	657 881	472 078	297 048	540 222	327 898
1992	376 862	303 698	632 269	410 880	316 867	239 967	375 620	281 030
Average per acre ..... dollars, 1997	1 570	1 414	2 284	1 745	1 406	1 254	1 605	1 175
1992	1 276	1 003	1 533	1 156	1 021	869	1 173	963
1997 farms by value group:								
$1 to $39,999	101	67	12	49	78	127	105	48
$40,000 to $69,999	76	49	38	64	90	84	47	101
$70,000 to $99,999	61	62	17	27	59	109	81	92
$100,000 to $149,999	75	72	27	33	116	149	166	105
$150,000 to $199,999	64	63	14	37	82	146	65	82
$200,000 to $499,999	213	371	167	125	236	454	355	189
$500,000 to $999,999	116	117	134	177	232	163	195	96
$1,000,000 to $1,999,999	111	36	99	93	64	41	136	39
$2,000,000 to $4,999,999	18	25	87	29	15	6	51	11
$5,000,000 or more	1	1	5	2	4	1	3	1
Approximate land area ..... acres, 1997	278 062	303 000	278 037	276 312	375 362	407 136	467 223	278 646
Proportion in farms ..... percent, 1997	88.0	89.0	92.6	91.7	88.4	82.2	90.0	81.8
1997 size of farm:								
1 to 9 acres ..... farms	39	39	34	30	40	65	60	25
acres	156	141	135	139	170	219	276	103
10 to 49 acres ..... farms	115	100	40	80	128	152	196	100
acres	3 063	2 514	827	1 851	3 489	4 295	4 943	2 702
50 to 69 acres ..... farms	51	34	13	17	41	62	46	40
acres	3 001	1 981	728	1 016	2 422	3 620	2 675	2 315
70 to 99 acres ..... farms	92	67	31	34	64	106	85	76
acres	7 576	5 353	2 517	2 741	5 308	8 687	6 941	6 260
100 to 139 acres ..... farms	69	77	19	26	89	127	65	83
acres	8 248	9 105	2 100	3 114	10 560	14 960	7 543	9 695
140 to 179 acres ..... farms	74	106	66	58	79	131	92	67
acres	11 782	16 684	10 434	9 320	12 442	20 639	14 556	10 439
180 to 219 acres ..... farms	52	69	33	28	60	113	64	59
acres	10 313	13 657	6 554	5 661	11 863	22 150	12 570	11 714
220 to 259 acres ..... farms	37	52	26	43	66	79	65	40
acres	8 769	12 242	6 210	10 085	15 636	18 671	15 514	9 617
260 to 499 acres ..... farms	162	169	138	146	226	274	225	144
acres	58 681	59 649	50 326	55 037	82 043	96 706	82 989	52 500
500 to 999 acres ..... farms	102	103	149	116	142	130	210	88
acres	69 238	69 825	103 210	82 638	96 689	86 378	139 036	60 829
1,000 to 1,999 acres ..... farms	39	35	45	53	34	37	86	36
acres	49 477	47 695	59 517	67 387	44 960	48 231	107 546	45 430
2,000 acres or more ..... farms	3	11	6	6	7	4	10	7
acres	14 400	30 904	14 853	14 317	46 340	10 268	26 048	16 413
1992 size of farm:								
1 to 9 acres ..... farms	57	68	50	54	58	86	117	55
acres	(D)	247	130	(D)	207	250	422	(D)
10 to 49 acres ..... farms	86	92	38	59	97	152	168	75
acres	2 213	2 324	961	1 447	2 874	3 898	4 305	2 270
50 to 69 acres ..... farms	45	16	6	18	30	55	41	31
acres	2 622	916	331	1 012	1 750	3 212	2 418	1 811
70 to 99 acres ..... farms	59	51	37	29	59	79	78	54
acres	4 823	4 184	2 941	2 352	4 843	6 498	6 402	4 489
100 to 139 acres ..... farms	77	67	17	37	77	127	70	77
acres	9 147	8 023	2 000	4 386	9 032	14 773	8 182	8 975
140 to 179 acres ..... farms	65	95	67	61	102	133	93	63
acres	10 291	14 965	10 687	9 740	16 122	20 810	14 679	9 872
180 to 219 acres ..... farms	52	67	24	38	80	121	64	46
acres	10 386	13 306	4 747	7 594	15 869	23 894	12 490	9 078
220 to 259 acres ..... farms	42	80	30	44	72	83	87	35
acres	10 020	18 923	7 209	10 449	16 879	19 708	20 997	8 314
260 to 499 acres ..... farms	168	208	196	192	223	298	306	164
acres	61 693	74 859	72 873	70 501	80 008	105 333	113 071	60 455
500 to 999 acres ..... farms	113	97	168	149	136	164	203	102
acres	75 795	65 104	117 502	102 010	93 480	109 913	137 476	68 884
1,000 to 1,999 acres ..... farms	30	35	41	47	38	24	74	36
acres	36 554	45 505	52 111	61 075	46 267	29 570	91 570	47 027
2,000 acres or more ..... farms	1	5	3	1	5	4	8	2
acres	(D)	12 425	9 305	(D)	33 954	8 710	19 173	(D)

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
FARMS AND LAND IN FARMS								
Farms ..... number, 1997	1 261	1 029	968	1 404	861	1 480	593	706
1992	1 242	1 112	952	1 592	872	1 529	554	630
Land in farms ..... acres, 1997	288 139	321 934	323 028	580 884	256 685	339 227	201 393	227 160
1992	284 537	321 950	322 401	615 034	266 083	349 252	191 291	219 370
Average size of farm ..... acres, 1997	229	313	334	414	298	229	340	322
1992	229	290	339	386	305	228	345	348
Estimated market value of land and buildings[1] .... farms, 1997	1 261	1 028	969	1 405	863	1 480	592	706
1992	1 241	1 112	952	1 592	873	1 529	554	629
$1,000, 1997	524 100	497 840	506 906	1 243 323	329 187	778 222	285 336	173 636
1992	443 721	385 978	309 291	980 159	270 762	545 561	227 566	122 859
Average per farm ..... dollars, 1997	415 623	484 280	523 123	884 927	381 446	525 825	481 986	245 943
1992	357 551	347 102	324 886	615 677	310 152	356 809	410 769	195 324
Average per acre ..... dollars, 1997	1 816	1 607	1 535	2 216	1 332	2 347	1 516	732
1992	1 584	1 178	973	1 531	981	1 521	1 097	554
1997 farms by value group:								
$1 to $39,999	131	84	103	59	72	85	30	81
$40,000 to $69,999	80	71	59	30	56	64	47	87
$70,000 to $99,999	68	67	84	55	70	78	23	121
$100,000 to $149,999	148	91	105	46	153	162	72	102
$150,000 to $199,999	162	57	59	102	63	224	42	69
$200,000 to $499,999	362	284	298	290	255	440	158	162
$500,000 to $999,999	162	243	135	342	112	188	161	64
$1,000,000 to $1,999,999	115	105	97	330	56	175	41	14
$2,000,000 to $4,999,999	32	26	17	143	26	57	16	6
$5,000,000 or more	1	–	12	8	–	7	2	–
Approximate land area ..... acres, 1997	393 304	368 227	370 712	622 766	331 148	459 208	257 242	275 580
Proportion in farms ..... percent, 1997	73.3	87.4	87.1	93.3	77.5	73.9	78.3	82.4
1997 size of farm:								
1 to 9 acres ..... farms	53	59	38	66	42	88	23	20
acres	219	(D)	173	282	147	376	(D)	62
10 to 49 acres ..... farms	250	134	111	100	122	340	77	97
acres	6 868	3 463	3 138	2 785	3 211	9 210	2 020	2 892
50 to 69 acres ..... farms	69	41	54	25	53	98	24	48
acres	4 029	2 378	3 182	1 467	3 088	5 779	1 436	2 764
70 to 99 acres ..... farms	163	69	92	58	88	165	53	64
acres	13 415	5 582	7 481	4 596	7 354	13 568	4 378	5 101
100 to 139 acres ..... farms	139	70	67	65	77	125	38	72
acres	16 273	8 183	7 895	7 593	8 983	14 692	4 378	8 590
140 to 179 acres ..... farms	106	86	90	140	62	115	29	48
acres	16 677	13 733	14 072	22 191	9 805	18 013	4 577	7 576
180 to 219 acres ..... farms	84	70	60	56	65	88	44	44
acres	16 563	13 814	11 862	11 113	12 932	17 395	8 636	8 754
220 to 259 acres ..... farms	56	71	51	93	41	55	38	46
acres	13 347	16 863	12 061	21 967	9 768	13 100	9 012	10 865
260 to 499 acres ..... farms	173	214	188	385	134	234	129	138
acres	63 102	78 169	70 601	143 080	47 601	82 237	46 058	51 144
500 to 999 acres ..... farms	135	165	156	310	132	114	105	87
acres	90 399	113 334	107 117	214 402	91 082	80 159	73 156	61 055
1,000 to 1,999 acres ..... farms	30	48	55	93	40	49	31	31
acres	39 052	62 134	71 688	119 605	50 028	62 405	42 011	41 114
2,000 acres or more ..... farms	3	2	6	13	5	9	2	11
acres	8 195	(D)	13 758	31 803	12 686	22 293	(D)	27 243
1992 size of farm:								
1 to 9 acres ..... farms	74	101	47	79	44	134	29	16
acres	(D)	268	136	226	149	538	138	40
10 to 49 acres ..... farms	199	119	99	77	116	265	62	65
acres	5 197	2 900	2 516	2 068	3 282	7 200	1 741	2 067
50 to 69 acres ..... farms	66	39	38	21	32	94	19	28
acres	3 735	2 290	2 241	1 208	1 903	5 430	1 107	1 614
70 to 99 acres ..... farms	136	73	57	83	69	162	26	43
acres	11 235	5 992	4 651	6 593	5 748	13 328	2 152	3 460
100 to 139 acres ..... farms	147	78	84	79	68	158	46	65
acres	17 109	8 965	10 055	9 308	7 834	18 720	5 463	7 722
140 to 179 acres ..... farms	124	90	83	166	83	123	35	45
acres	19 626	14 200	13 212	26 327	13 128	19 506	5 482	7 114
180 to 219 acres ..... farms	77	79	56	58	49	86	46	42
acres	15 207	15 407	11 090	11 549	9 750	17 047	9 099	8 287
220 to 259 acres ..... farms	66	71	60	111	54	78	35	49
acres	15 874	16 738	14 223	26 271	12 798	18 465	8 285	11 597
260 to 499 acres ..... farms	195	260	203	509	181	233	138	135
acres	71 083	94 144	73 229	191 322	64 834	82 188	51 443	48 681
500 to 999 acres ..... farms	131	168	170	327	134	152	88	107
acres	88 055	115 051	115 440	219 058	92 355	101 676	60 783	72 417
1,000 to 1,999 acres ..... farms	25	31	51	74	39	36	27	27
acres	31 986	39 795	66 544	95 406	47 885	45 634	33 878	36 840
2,000 acres or more ..... farms	2	3	4	8	3	8	3	8
acres	(D)	6 200	9 064	25 698	6 417	19 520	11 720	19 531

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
FARMS AND LAND IN FARMS								
Farms ..... number, 1997	1 149	986	1 022	971	912	496	824	697
1992	1 194	1 026	1 075	996	949	563	825	822
Land in farms ..... acres, 1997	348 492	316 579	329 038	285 724	319 392	232 129	265 173	367 651
1992	347 599	305 685	314 887	268 520	312 858	237 862	263 047	392 835
Average size of farm ..... acres, 1997	303	321	322	294	350	468	322	527
1992	291	298	293	270	330	422	319	478
Estimated market value of land and buildings[1] .... farms, 1997	1 149	987	1 022	971	914	495	827	698
1992	1 194	1 026	1 075	996	949	564	825	822
$1,000, 1997	649 796	421 499	476 145	396 234	605 658	338 999	474 406	482 681
1992	462 590	265 229	414 198	270 434	411 667	277 408	333 752	354 165
Average per farm ..... dollars, 1997	565 532	427 050	465 895	408 068	662 645	684 846	573 647	691 520
1992	387 429	258 508	385 300	271 520	433 790	491 858	404 547	430 858
Average per acre ..... dollars, 1997	1 923	1 251	1 606	1 435	2 029	1 588	1 874	1 317
1992	1 345	822	1 287	1 019	1 298	1 131	1 242	902
1997 farms by value group:								
$1 to $39,999	119	75	87	90	88	16	95	49
$40,000 to $69,999	76	98	109	62	45	28	45	41
$70,000 to $99,999	78	86	69	127	56	19	37	20
$100,000 to $149,999	58	137	103	169	90	40	82	72
$150,000 to $199,999	84	100	40	83	54	43	62	65
$200,000 to $499,999	228	293	305	194	194	117	163	187
$500,000 to $999,999	308	110	203	149	213	125	190	117
$1,000,000 to $1,999,999	149	45	77	69	99	77	114	94
$2,000,000 to $4,999,999	47	38	26	28	70	28	38	48
$5,000,000 or more	2	5	3	–	5	2	1	5
Approximate land area ..... acres, 1997	376 033	359 148	365 406	354 726	366 316	279 402	300 129	443 621
Proportion in farms ..... percent, 1997	92.7	88.1	90.0	80.5	87.2	83.1	88.4	82.9
1997 size of farm:								
1 to 9 acres ..... farms	116	26	52	38	53	15	75	28
acres	474	109	197	168	242	83	(D)	110
10 to 49 acres ..... farms	119	157	103	158	141	61	104	52
acres	2 644	4 312	2 759	4 429	3 568	1 680	2 304	1 534
50 to 69 acres ..... farms	26	52	55	63	41	9	21	16
acres	1 512	3 014	3 138	3 669	2 359	543	1 272	939
70 to 99 acres ..... farms	76	104	85	115	69	42	50	43
acres	6 048	8 372	7 136	9 208	5 606	3 396	4 144	3 463
100 to 139 acres ..... farms	38	102	81	97	59	47	50	41
acres	4 430	11 842	9 416	11 107	6 844	5 582	5 784	4 834
140 to 179 acres ..... farms	133	83	100	89	69	18	72	66
acres	21 044	13 075	15 821	13 734	10 784	2 899	11 436	10 422
180 to 219 acres ..... farms	52	56	64	43	36	22	47	27
acres	10 288	10 904	12 896	8 462	7 082	4 341	9 258	5 304
220 to 259 acres ..... farms	74	50	66	42	59	17	38	33
acres	17 671	12 044	15 898	10 044	14 044	4 006	(D)	8 003
260 to 499 acres ..... farms	298	166	197	148	160	94	179	138
acres	108 178	59 441	72 630	52 561	58 597	35 590	64 616	51 637
500 to 999 acres ..... farms	181	130	167	125	151	102	142	154
acres	126 187	88 822	111 233	84 891	105 344	73 565	96 878	109 599
1,000 to 1,999 acres ..... farms	33	46	45	42	67	57	45	74
acres	42 491	63 063	56 208	59 042	87 291	71 903	58 093	100 676
2,000 acres or more ..... farms	3	14	7	11	7	12	1	25
acres	7 525	41 581	21 706	28 409	17 631	28 541	(D)	71 130
1992 size of farm:								
1 to 9 acres ..... farms	128	47	93	78	72	33	79	59
acres	(D)	156	247	345	311	126	(D)	185
10 to 49 acres ..... farms	96	144	120	156	132	76	90	53
acres	2 196	4 363	3 433	4 290	3 315	2 071	1 976	1 494
50 to 69 acres ..... farms	19	55	33	45	30	24	21	21
acres	1 131	3 267	1 904	2 617	1 739	1 399	1 244	1 275
70 to 99 acres ..... farms	51	96	70	84	62	21	40	42
acres	4 176	7 754	5 637	6 686	4 998	1 685	3 218	3 387
100 to 139 acres ..... farms	52	93	91	92	57	39	30	33
acres	6 177	10 871	10 554	10 641	6 653	4 576	3 457	3 999
140 to 179 acres ..... farms	137	93	89	88	72	34	96	68
acres	21 746	14 785	14 037	13 841	11 445	5 368	15 295	10 581
180 to 219 acres ..... farms	59	52	80	64	50	28	46	34
acres	11 783	10 283	15 776	12 628	9 753	5 425	8 884	6 669
220 to 259 acres ..... farms	88	65	59	47	65	22	57	53
acres	20 871	15 501	13 971	11 124	15 520	5 270	13 624	12 656
260 to 499 acres ..... farms	372	192	239	179	176	102	186	184
acres	133 948	70 025	89 224	65 777	63 539	37 448	68 194	67 889
500 to 999 acres ..... farms	160	142	169	129	178	126	144	171
acres	105 206	96 845	112 912	88 159	122 373	86 730	97 566	118 934
1,000 to 1,999 acres ..... farms	31	40	26	30	50	46	34	86
acres	37 878	52 783	31 804	40 456	61 736	59 944	42 911	113 419
2,000 acres or more ..... farms	1	7	6	4	5	12	2	18
acres	(D)	19 052	15 388	11 956	11 476	27 820	(D)	52 347

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
FARMS AND LAND IN FARMS								
Farms ..... number, 1997	691	577	783	977	649	845	787	1 490
1992	682	617	803	1 147	737	916	841	1 615
Land in farms ..... acres, 1997	217 317	242 650	219 001	358 472	240 601	309 228	327 733	512 029
1992	223 638	240 100	219 832	362 109	260 780	318 778	338 730	518 247
Average size of farm ..... acres, 1997	314	421	280	367	371	366	416	344
1992	328	389	274	316	354	348	403	321
Estimated market value of land and buildings[1] .... farms, 1997	691	576	782	977	649	844	787	1 489
1992	683	616	803	1 146	737	917	840	1 615
$1,000, 1997	175 843	308 019	347 582	776 879	473 351	339 633	622 270	950 568
1992	121 624	215 198	298 367	577 949	400 744	261 410	460 757	672 635
Average per farm ..... dollars, 1997	254 477	534 755	444 479	795 168	729 355	402 409	790 686	638 394
1992	178 074	349 347	371 565	504 319	543 750	285 071	548 521	416 492
Average per acre ..... dollars, 1997	827	1 227	1 711	2 253	1 829	1 150	1 962	1 950
1992	581	896	1 442	1 676	1 443	807	1 406	1 292
1997 farms by value group:								
$1 to $39,999	39	36	43	30	38	68	33	108
$40,000 to $69,999	68	53	70	27	34	56	46	83
$70,000 to $99,999	93	34	59	50	20	80	35	70
$100,000 to $149,999	125	67	62	51	17	127	43	70
$150,000 to $199,999	105	44	70	39	41	68	45	132
$200,000 to $499,999	178	146	240	242	149	175	166	380
$500,000 to $999,999	62	100	152	247	177	209	184	346
$1,000,000 to $1,999,999	18	78	63	203	140	50	176	218
$2,000,000 to $4,999,999	3	16	23	86	31	10	54	77
$5,000,000 or more	–	2	–	2	2	1	5	5
Approximate land area ..... acres, 1997	277 402	271 299	280 762	366 805	255 231	342 310	360 881	552 724
Proportion in farms ..... percent, 1997	78.3	89.4	78.0	97.7	94.3	90.3	90.8	92.6
1997 size of farm:								
1 to 9 acres ..... farms	14	24	50	62	49	41	42	98
acres	49	96	(D)	(D)	231	142	170	353
10 to 49 acres ..... farms	72	51	149	73	46	95	65	177
acres	2 046	1 467	3 895	1 862	1 101	2 575	1 705	4 307
50 to 69 acres ..... farms	32	16	43	16	13	25	11	40
acres	1 887	942	2 478	932	737	1 456	624	2 360
70 to 99 acres ..... farms	57	47	65	57	36	73	51	82
acres	4 648	3 835	5 262	4 560	2 983	5 981	4 187	6 609
100 to 139 acres ..... farms	89	36	47	28	29	59	38	80
acres	10 548	4 252	5 420	3 268	3 399	6 926	4 520	9 380
140 to 179 acres ..... farms	50	51	76	93	92	89	71	130
acres	7 824	8 027	12 153	14 620	14 424	14 042	11 254	20 447
180 to 219 acres ..... farms	57	33	45	48	16	42	21	67
acres	11 168	6 573	8 971	9 596	3 187	8 233	4 217	13 268
220 to 259 acres ..... farms	43	26	32	76	41	33	35	96
acres	10 227	6 211	7 541	18 128	9 679	7 806	8 423	22 823
260 to 499 acres ..... farms	146	113	136	266	154	162	196	384
acres	52 474	41 244	50 024	96 473	58 039	60 262	73 517	139 958
500 to 999 acres ..... farms	101	122	102	202	133	162	194	264
acres	69 885	84 813	71 649	135 667	89 262	112 207	133 340	181 439
1,000 to 1,999 acres ..... farms	24	54	36	54	36	55	58	62
acres	31 200	71 240	46 977	67 923	47 319	69 772	73 841	82 953
2,000 acres or more ..... farms	6	4	2	2	4	9	5	10
acres	15 361	13 950	(D)	(D)	10 240	19 826	11 935	28 132
1992 size of farm:								
1 to 9 acres ..... farms	26	26	54	129	58	55	60	151
acres	60	75	159	(D)	(D)	(D)	(D)	521
10 to 49 acres ..... farms	73	59	144	67	47	75	54	164
acres	2 138	1 504	3 368	1 720	1 195	1 860	1 210	3 809
50 to 69 acres ..... farms	21	10	21	13	10	33	11	24
acres	1 247	542	1 215	755	552	1 884	639	1 365
70 to 99 acres ..... farms	55	35	70	71	39	82	30	91
acres	4 435	2 899	5 790	5 681	3 158	6 627	2 404	7 254
100 to 139 acres ..... farms	62	32	43	34	24	57	40	91
acres	7 390	3 865	5 180	3 998	2 864	6 562	4 749	10 625
140 to 179 acres ..... farms	50	49	83	134	82	71	56	138
acres	7 719	7 798	13 103	21 123	12 987	11 193	8 737	21 928
180 to 219 acres ..... farms	42	39	47	50	25	39	35	78
acres	8 140	7 739	9 318	9 816	5 004	7 743	6 955	15 554
220 to 259 acres ..... farms	50	35	52	85	56	53	59	101
acres	11 984	8 316	12 483	20 205	13 352	12 445	13 978	24 112
260 to 499 acres ..... farms	164	159	155	341	221	218	234	467
acres	58 613	59 001	55 799	125 223	80 820	79 035	88 628	169 485
500 to 999 acres ..... farms	108	133	103	185	131	187	214	238
acres	73 792	89 560	70 632	123 315	85 027	131 715	148 451	158 758
1,000 to 1,999 acres ..... farms	27	36	28	37	43	44	46	66
acres	37 243	49 321	35 567	47 255	53 573	55 524	57 791	87 521
2,000 acres or more ..... farms	4	4	3	1	1	2	2	6
acres	10 877	9 480	7 218	(D)	(D)	(D)	(D)	17 315

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
FARMS AND LAND IN FARMS								
Farms ..... number, 1997	778	800	1 325	934	671	813	799	921
1992	919	832	1 441	933	676	967	913	1 088
Land in farms ..... acres, 1997	356 988	225 623	536 704	335 296	263 753	344 949	225 248	342 366
1992	359 442	229 818	542 855	340 982	293 266	364 172	233 217	353 570
Average size of farm ..... acres, 1997	459	282	405	359	393	424	282	372
1992	391	276	377	365	434	377	255	325
Estimated market value of land and buildings[1] .... farms, 1997	777	802	1 326	933	671	812	798	920
1992	919	832	1 439	933	675	968	916	1 086
$1,000, 1997	769 478	483 292	970 429	465 015	183 788	682 537	680 286	560 632
1992	547 246	319 220	640 750	347 070	143 679	532 857	465 690	420 495
Average per farm ..... dollars, 1997	990 319	602 608	731 847	498 409	273 901	840 563	852 488	609 382
1992	595 479	383 678	445 274	371 993	212 858	550 472	508 395	387 197
Average per acre ..... dollars, 1997	2 288	2 052	1 946	1 433	741	2 125	2 797	1 627
1992	1 457	1 389	1 187	1 055	517	1 499	1 898	1 213
1997 farms by value group:								
$1 to $39,999	54	77	73	108	58	64	62	52
$40,000 to $69,999	8	30	64	48	123	26	2	27
$70,000 to $99,999	10	93	96	63	105	24	17	41
$100,000 to $149,999	31	71	61	65	70	55	36	17
$150,000 to $199,999	1	48	61	59	40	43	48	44
$200,000 to $499,999	183	186	368	295	188	156	202	288
$500,000 to $999,999	211	176	242	170	65	241	179	303
$1,000,000 to $1,999,999	184	65	285	90	13	131	160	130
$2,000,000 to $4,999,999	89	51	61	34	7	64	87	17
$5,000,000 or more	6	5	15	1	2	8	5	1
Approximate land area ..... acres, 1997	369 756	364 469	610 770	374 450	344 134	368 535	293 065	378 186
Proportion in farms ..... percent, 1997	96.5	61.9	87.9	89.5	76.6	93.6	76.9	90.5
1997 size of farm:								
1 to 9 acres ..... farms	26	59	77	34	20	47	46	52
acres	83	292	364	140	78	162	202	179
10 to 49 acres ..... farms	50	236	204	114	69	75	152	77
acres	1 103	5 744	5 134	3 132	2 016	1 784	3 541	1 849
50 to 69 acres ..... farms	8	30	49	32	15	19	28	15
acres	431	1 775	2 833	1 844	847	1 063	1 653	905
70 to 99 acres ..... farms	43	73	69	82	65	43	63	39
acres	3 440	5 978	5 616	6 711	5 371	3 493	5 093	3 184
100 to 139 acres ..... farms	32	53	81	76	57	40	60	65
acres	3 751	6 250	9 543	9 018	6 706	4 691	7 053	7 594
140 to 179 acres ..... farms	61	59	88	77	57	72	73	70
acres	9 632	9 215	13 778	12 252	9 027	11 373	11 579	11 008
180 to 219 acres ..... farms	29	29	57	56	55	34	46	63
acres	5 727	5 833	11 287	10 988	10 841	6 699	9 179	12 445
220 to 259 acres ..... farms	37	28	49	46	41	39	46	57
acres	8 781	6 538	11 684	10 875	9 700	9 227	10 869	13 521
260 to 499 acres ..... farms	203	89	245	179	127	214	138	238
acres	75 659	32 558	90 465	64 937	47 545	79 560	49 754	89 049
500 to 999 acres ..... farms	216	86	272	173	98	162	107	189
acres	150 182	59 728	186 943	118 162	67 545	111 660	73 535	129 854
1,000 to 1,999 acres ..... farms	67	49	118	56	56	57	36	53
acres	82 536	68 186	151 498	71 928	73 368	76 200	44 370	65 851
2,000 acres or more ..... farms	6	9	16	9	11	11	4	3
acres	15 663	23 526	47 559	25 309	30 709	39 037	8 420	6 927
1992 size of farm:								
1 to 9 acres ..... farms	46	70	102	64	17	82	69	105
acres	(D)	238	335	190	46	194	(D)	251
10 to 49 acres ..... farms	63	207	192	72	51	75	159	66
acres	1 590	5 136	4 822	1 958	1 555	1 643	3 845	1 563
50 to 69 acres ..... farms	15	49	38	31	14	14	38	18
acres	870	2 788	2 248	1 744	827	844	2 248	1 015
70 to 99 acres ..... farms	50	71	76	54	44	62	74	40
acres	4 002	5 728	6 121	4 369	3 536	5 042	5 982	3 234
100 to 139 acres ..... farms	43	52	73	59	53	44	62	75
acres	5 069	6 120	8 504	6 864	6 228	5 024	7 334	8 732
140 to 179 acres ..... farms	73	55	106	92	48	88	82	97
acres	11 506	8 730	16 658	14 628	7 476	14 042	13 040	15 226
180 to 219 acres ..... farms	48	31	72	47	29	38	65	70
acres	9 509	6 187	14 139	9 244	5 767	7 569	12 918	13 681
220 to 259 acres ..... farms	51	41	61	55	50	57	41	71
acres	11 955	9 645	14 554	13 067	11 883	13 635	9 807	16 845
260 to 499 acres ..... farms	241	114	313	203	165	263	180	311
acres	90 232	41 947	117 819	72 645	61 711	97 550	65 805	113 673
500 to 999 acres ..... farms	237	94	309	200	138	188	112	194
acres	158 125	68 572	213 154	137 234	94 022	129 669	74 239	128 286
1,000 to 1,999 acres ..... farms	50	39	86	50	56	51	30	38
acres	61 237	52 163	109 899	64 198	72 210	63 701	35 565	44 878
2,000 acres or more ..... farms	2	9	13	6	11	5	1	3
acres	(D)	22 564	34 602	14 841	28 005	25 259	(D)	6 186

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
FARMS AND LAND IN FARMS								
Farms ..... number, 1997	1 752	946	1 152	746	671	807	781	1 214
1992	1 998	990	1 294	741	671	752	757	1 216
Land in farms ..... acres, 1997	493 556	340 885	396 220	291 497	225 134	257 227	208 213	299 835
1992	495 769	331 211	401 858	278 922	236 265	241 422	195 021	302 487
Average size of farm ..... acres, 1997	282	360	344	391	336	319	267	247
1992	248	335	311	376	352	321	258	249
Estimated market value of land and buildings[1] .... farms, 1997	1 751	947	1 153	745	672	805	779	1 215
1992	1 998	989	1 293	742	672	753	758	1 216
$1,000, 1997	1 159 001	758 882	701 906	263 822	209 030	193 559	276 179	427 992
1992	834 762	509 588	548 939	182 586	170 941	163 801	186 070	323 592
Average per farm ..... dollars, 1997	661 908	801 353	608 765	354 123	311 057	240 446	354 530	352 257
1992	417 799	515 256	424 547	246 073	254 377	217 531	245 474	266 112
Average per acre ..... dollars, 1997	2 445	2 234	1 911	957	909	851	1 392	1 523
1992	1 731	1 645	1 318	588	736	699	1 008	989
1997 farms by value group:								
$1 to $39,999	79	39	65	64	66	70	75	98
$40,000 to $69,999	103	47	57	95	84	133	56	136
$70,000 to $99,999	70	22	145	68	78	98	64	174
$100,000 to $149,999	142	102	69	102	106	101	165	176
$150,000 to $199,999	129	52	83	55	55	90	80	70
$200,000 to $499,999	404	263	317	211	148	207	171	310
$500,000 to $999,999	422	170	203	124	82	86	87	172
$1,000,000 to $1,999,999	325	153	164	13	49	15	60	44
$2,000,000 to $4,999,999	69	91	42	11	3	5	20	31
$5,000,000 or more	8	8	8	2	1	–	1	4
Approximate land area ..... acres, 1997	491 487	366 648	461 667	341 746	271 623	310 561	276 381	365 875
Proportion in farms ..... percent, 1997	100.4	93.0	85.8	85.3	82.9	82.8	75.3	82.0
1997 size of farm:								
1 to 9 acres ..... farms	236	75	63	27	24	24	20	59
acres	954	296	276	100	71	101	(D)	249
10 to 49 acres ..... farms	188	146	145	56	109	87	138	275
acres	4 166	3 830	3 794	1 699	3 191	2 440	4 165	7 625
50 to 69 acres ..... farms	39	37	22	18	25	41	51	85
acres	2 295	2 118	1 294	1 052	1 498	2 413	2 923	5 064
70 to 99 acres ..... farms	107	77	81	65	75	62	81	140
acres	8 581	6 262	6 584	5 289	6 117	5 215	6 919	11 233
100 to 139 acres ..... farms	101	53	87	63	40	85	83	105
acres	11 842	6 131	9 969	7 437	4 679	9 782	9 843	12 387
140 to 179 acres ..... farms	175	82	106	77	58	69	62	107
acres	27 549	12 716	16 693	12 020	9 039	10 818	9 856	17 000
180 to 219 acres ..... farms	73	54	70	53	32	58	62	77
acres	14 441	10 710	13 940	10 256	6 343	11 462	12 138	15 442
220 to 259 acres ..... farms	130	37	69	46	44	46	33	45
acres	30 651	8 881	16 330	10 997	10 413	10 958	7 848	10 859
260 to 499 acres ..... farms	409	145	252	169	123	180	123	160
acres	149 605	53 008	93 404	63 051	44 199	64 268	42 532	56 888
500 to 999 acres ..... farms	237	166	194	115	93	113	89	102
acres	159 803	117 934	135 855	80 523	62 854	78 270	61 022	73 495
1,000 to 1,999 acres ..... farms	52	60	55	43	40	36	37	47
acres	67 604	76 420	74 201	54 583	50 587	47 412	45 712	59 878
2,000 acres or more ..... farms	5	14	8	14	8	6	2	12
acres	16 065	42 579	23 880	44 490	26 143	14 088	(D)	29 715
1992 size of farm:								
1 to 9 acres ..... farms	293	75	101	36	32	35	33	68
acres	1 049	249	376	124	110	100	(D)	242
10 to 49 acres ..... farms	237	148	140	58	80	73	110	272
acres	5 365	4 083	3 431	1 830	2 181	1 918	2 989	7 613
50 to 69 acres ..... farms	48	39	38	19	16	32	52	65
acres	2 743	2 300	2 245	1 107	979	1 912	3 082	3 809
70 to 99 acres ..... farms	131	81	95	41	60	61	75	104
acres	10 397	6 554	7 786	3 329	4 843	4 920	6 291	8 404
100 to 139 acres ..... farms	113	53	81	51	37	69	69	131
acres	13 158	6 261	9 470	6 009	4 221	8 117	7 979	15 615
140 to 179 acres ..... farms	184	89	123	64	56	72	72	87
acres	29 104	14 050	19 529	10 084	8 794	11 251	11 354	13 674
180 to 219 acres ..... farms	103	49	63	62	35	58	48	73
acres	20 432	9 683	12 591	12 114	6 947	11 341	9 367	14 467
220 to 259 acres ..... farms	152	45	91	49	49	34	48	47
acres	35 802	10 713	21 761	11 693	11 673	8 093	11 491	11 093
260 to 499 acres ..... farms	474	176	298	174	154	176	138	197
acres	172 181	65 997	110 028	64 375	55 042	66 036	48 399	69 841
500 to 999 acres ..... farms	225	179	212	137	121	107	86	118
acres	147 582	125 126	140 796	91 378	84 585	74 975	60 914	78 609
1,000 to 1,999 acres ..... farms	35	44	45	42	23	30	25	46
acres	46 626	55 352	56 825	52 946	28 909	39 919	31 011	58 856
2,000 acres or more ..... farms	3	12	7	8	8	5	1	8
acres	11 330	30 843	17 020	23 933	27 981	12 840	(D)	20 264

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
FARMS AND LAND IN FARMS								
Farms ..... number, 1997	1 061	729	937	607	1 450	1 306	608	717
1992	1 078	734	1 059	645	1 495	1 254	642	812
Land in farms ..... acres, 1997	317 699	286 412	412 641	241 600	360 778	497 241	227 898	349 675
1992	309 508	282 723	408 462	231 977	357 684	442 247	224 632	353 683
Average size of farm ..... acres, 1997	299	393	440	398	249	381	375	488
1992	287	385	386	360	239	353	350	436
Estimated market value of land and buildings[1] .... farms, 1997	1 062	729	936	606	1 450	1 308	607	716
1992	1 078	733	1 059	644	1 495	1 255	643	811
$1,000, 1997	579 326	184 111	1 001 110	434 806	466 049	663 074	388 236	755 835
1992	399 243	147 085	634 075	302 485	312 542	469 832	266 670	570 307
Average per farm ..... dollars, 1997	545 505	252 553	1 069 561	717 501	321 413	506 937	639 598	1 055 635
1992	370 355	200 662	598 749	469 698	209 058	374 368	414 728	703 215
Average per acre ..... dollars, 1997	1 777	630	2 330	1 814	1 358	1 332	1 645	2 226
1992	1 378	514	1 636	1 262	934	998	1 185	1 582
1997 farms by value group:								
$1 to $39,999	115	49	35	52	101	116	20	49
$40,000 to $69,999	41	130	51	23	137	84	25	35
$70,000 to $99,999	67	70	52	29	99	80	10	14
$100,000 to $149,999	113	103	71	23	145	125	102	47
$150,000 to $199,999	64	38	26	63	117	82	34	11
$200,000 to $499,999	303	240	184	153	596	421	166	107
$500,000 to $999,999	179	83	166	112	188	243	102	178
$1,000,000 to $1,999,999	136	14	191	111	54	106	119	179
$2,000,000 to $4,999,999	41	2	145	36	12	45	29	90
$5,000,000 or more	3	–	15	4	1	6	–	6
Approximate land area ..... acres, 1997	364 048	336 411	457 775	256 309	441 382	558 499	256 010	371 687
Proportion in farms ..... percent, 1997	87.3	85.1	90.1	94.3	81.7	89.0	89.0	94.1
1997 size of farm:								
1 to 9 acres ..... farms	75	24	55	53	65	74	43	41
acres	297	72	233	227	264	295	203	204
10 to 49 acres ..... farms	131	65	88	73	201	198	79	64
acres	3 341	1 813	2 203	1 918	5 510	5 114	2 038	1 508
50 to 69 acres ..... farms	35	24	24	15	49	42	14	11
acres	2 059	1 476	1 404	856	2 853	2 497	848	659
70 to 99 acres ..... farms	77	52	49	34	107	88	42	39
acres	6 309	4 224	3 961	2 690	8 778	6 998	3 367	3 128
100 to 139 acres ..... farms	80	63	49	29	138	85	34	37
acres	9 208	7 527	5 676	3 395	15 925	9 888	4 090	4 330
140 to 179 acres ..... farms	100	51	70	49	170	128	55	45
acres	15 883	7 985	11 050	7 665	26 805	20 302	8 531	7 101
180 to 219 acres ..... farms	68	52	51	25	117	52	27	41
acres	13 357	10 236	10 054	5 047	22 769	10 267	5 357	8 067
220 to 259 acres ..... farms	60	39	50	26	111	65	29	30
acres	14 112	9 209	11 931	6 131	26 575	15 319	6 910	7 253
260 to 499 acres ..... farms	233	161	215	132	310	258	102	128
acres	85 869	57 759	77 080	49 063	107 671	93 870	37 099	48 955
500 to 999 acres ..... farms	160	135	178	118	155	207	134	181
acres	108 915	92 595	124 886	82 949	102 000	142 437	97 023	126 916
1,000 to 1,999 acres ..... farms	37	51	91	47	23	88	49	94
acres	47 529	63 830	120 089	64 203	29 858	118 548	62 432	123 922
2,000 acres or more ..... farms	5	12	17	6	4	21	–	6
acres	10 820	29 686	44 074	17 456	11 770	71 706	–	17 632
1992 size of farm:								
1 to 9 acres ..... farms	97	47	85	50	99	118	58	54
acres	(D)	99	317	202	(D)	434	(D)	217
10 to 49 acres ..... farms	129	40	75	60	148	175	83	64
acres	3 241	1 146	1 885	1 368	4 007	4 285	1 954	1 687
50 to 69 acres ..... farms	22	18	33	20	38	30	17	11
acres	1 311	1 055	1 927	1 119	2 217	1 748	1 000	626
70 to 99 acres ..... farms	81	36	66	47	84	71	34	35
acres	6 608	2 876	5 325	3 699	6 716	5 829	2 703	2 837
100 to 139 acres ..... farms	66	60	53	30	164	73	31	34
acres	7 547	7 015	6 161	3 613	19 021	8 431	3 619	3 977
140 to 179 acres ..... farms	80	58	97	59	202	92	45	73
acres	12 518	9 170	15 316	9 310	31 741	14 549	7 120	11 586
180 to 219 acres ..... farms	71	47	61	28	126	89	23	33
acres	14 191	9 225	12 037	5 573	24 791	17 658	4 627	6 515
220 to 259 acres ..... farms	71	56	54	40	129	73	40	34
acres	16 920	13 260	12 761	9 477	30 515	17 368	9 502	8 076
260 to 499 acres ..... farms	254	175	233	134	351	223	136	197
acres	92 640	64 345	84 780	49 282	124 978	82 508	49 132	75 165
500 to 999 acres ..... farms	175	148	226	139	138	225	131	204
acres	112 591	100 569	156 064	94 277	91 541	154 970	90 542	142 003
1,000 to 1,999 acres ..... farms	30	41	67	35	15	69	43	67
acres	37 172	53 068	86 469	46 007	19 804	90 877	52 190	85 415
2,000 acres or more ..... farms	2	8	9	3	1	16	1	6
acres	(D)	20 895	25 420	8 050	(D)	43 590	(D)	15 579

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
LAND IN FARMS ACCORDING TO USE							
Total cropland ..... farms, 1997..	83 375	737	529	846	737	607	1 118
1992..	88 224	818	590	903	756	673	1 203
acres, 1997..	26 821 844	283 563	184 649	179 795	175 532	248 005	375 729
1992..	27 195 676	273 975	188 706	198 075	179 944	240 144	388 123
Harvested cropland ..... farms, 1997..	74 951	653	444	712	623	543	1 024
1992..	84 009	759	544	846	699	635	1 158
acres, 1997..	23 323 249	214 279	125 377	135 640	98 611	217 639	341 149
1992..	22 826 308	201 988	124 077	143 265	96 528	197 846	337 633
Cropland used only for pasture or grazing ..... farms, 1997..	28 797	438	300	415	425	275	366
1992..	33 040	512	334	475	503	296	424
acres, 1997..	2 001 198	51 161	38 026	26 859	57 341	17 245	17 647
1992..	2 193 779	47 644	37 036	34 083	65 080	17 142	20 135
Other cropland ..... farms, 1997..	24 270	233	226	241	250	230	342
1992..	48 671	412	330	355	282	417	698
acres, 1997..	1 497 397	18 123	21 246	17 296	19 580	13 121	16 933
1992..	2 175 589	24 343	27 593	20 727	18 336	25 156	30 355
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms, 1997..	12 494	135	136	94	133	143	201
1992..	19 413	212	179	141	135	189	298
acres, 1997..	672 119	9 916	11 846	5 818	10 434	6 504	7 385
1992..	841 807	10 731	12 748	6 467	8 004	9 437	10 823
Cropland on which all crops failed ..... farms, 1997..	1 188	11	7	6	10	6	10
1992..	1 825	7	10	17	10	5	31
acres, 1997..	41 542	(D)	97	(D)	238	95	88
1992..	46 655	151	239	501	368	390	460
Cropland in cultivated summer fallow ..... farms, 1997..	665	2	10	5	12	4	6
1992..	1 240	9	10	13	12	6	21
acres, 1997..	32 353	(D)	1 016	(D)	469	119	178
1992..	65 100	294	956	773	582	883	1 633
Cropland idle ..... farms, 1997..	12 221	106	93	152	124	100	153
1992..	33 447	267	185	232	166	281	457
acres, 1997..	751 383	7 917	8 287	9 707	8 439	6 403	9 282
1992..	1 222 027	13 167	13 650	12 986	9 382	14 446	17 439
Total woodland ..... farms, 1997..	22 516	167	129	637	341	89	266
1992..	22 930	154	144	658	318	100	267
acres, 1997..	1 315 257	6 934	6 119	79 760	23 509	2 892	13 396
1992..	1 259 154	6 931	5 721	88 031	18 391	6 842	11 445
Woodland pastured ..... farms, 1997..	11 335	93	74	438	210	48	136
1992..	12 513	99	95	485	217	56	149
acres, 1997..	633 367	4 329	3 919	47 952	12 166	947	7 561
1992..	700 518	4 200	3 723	60 508	11 644	4 692	6 134
Woodland not pastured ..... farms, 1997..	15 072	93	64	428	174	49	170
1992..	14 364	72	77	399	140	57	161
acres, 1997..	681 890	2 605	2 200	31 808	11 343	1 945	5 835
1992..	558 636	2 731	1 998	27 523	6 747	2 150	5 311
Other land ..... farms, 1997..	66 222	648	453	715	615	495	878
1992..	72 829	734	539	732	614	607	1 001
acres, 1997..	3 029 598	45 259	44 673	36 223	42 053	21 361	29 358
1992..	2 891 735	48 064	45 373	35 622	40 274	21 520	27 647
Pastureland and rangeland other than cropland and woodland pastured ..... farms, 1997..	18 756	225	206	261	256	87	205
1992..	20 629	246	222	319	283	128	230
acres, 1997..	1 440 627	22 790	29 084	22 198	31 566	4 798	9 639
1992..	1 463 351	27 259	29 859	24 433	31 956	6 792	9 234
Land in house lots, ponds, roads, wasteland, etc. ..... farms, 1997..	61 890	608	412	650	555	472	825
1992..	67 829	689	505	664	539	581	945
acres, 1997..	1 588 971	22 469	15 589	14 025	10 487	16 563	19 719
1992..	1 428 384	20 805	15 514	11 189	8 318	14 728	18 413
Pastureland, all types ..... farms, 1997..	45 278	575	419	725	622	338	566
1992..	50 709	663	493	813	683	379	618
acres, 1997..	4 075 192	78 280	71 029	97 009	101 073	22 990	34 847
1992..	4 357 648	79 103	70 618	119 024	108 680	28 626	35 503
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms, 1997..	24 137	255	245	363	278	187	299
1992..	17 703	176	213	241	187	173	199
acres, 1997..	1 707 901	24 858	27 246	27 789	28 488	13 943	18 606
1992..	1 294 635	18 246	23 779	18 952	14 318	17 163	14 878

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
LAND IN FARMS ACCORDING TO USE							
Total cropland ..... farms, 1997..	918	790	887	1 030	790	1 005	753
1992..	1 012	862	962	1 101	872	1 019	833
acres, 1997..	263 418	297 488	210 534	303 756	326 418	294 649	317 038
1992..	277 241	300 885	215 294	304 719	314 590	284 975	325 486
Harvested cropland ..... farms, 1997..	873	756	822	971	765	906	734
1992..	977	831	916	1 054	857	962	806
acres, 1997..	252 852	283 902	200 037	285 548	315 405	270 635	306 400
1992..	257 277	278 180	195 242	274 972	294 236	254 452	304 854
Cropland used only for pasture or grazing ..... farms, 1997..	190	151	237	331	146	245	126
1992..	247	219	328	373	179	305	181
acres, 1997..	4 912	7 482	5 223	10 986	6 053	9 950	5 591
1992..	5 934	8 017	8 554	11 737	5 346	9 210	6 910
Other cropland ..... farms, 1997..	227	155	174	188	142	281	145
1992..	539	474	460	615	585	598	530
acres, 1997..	5 654	6 104	5 274	7 222	4 960	14 064	5 047
1992..	14 030	14 688	11 498	18 010	15 008	21 313	13 722
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms, 1997..	117	74	102	97	72	132	55
1992..	215	165	198	229	156	240	170
acres, 1997..	2 666	2 343	2 869	3 179	2 142	5 325	1 282
1992..	4 434	4 927	4 332	5 930	3 832	8 394	4 415
Cropland on which all crops failed ..... farms, 1997..	12	7	5	4	6	29	16
1992..	16	11	6	31	15	13	12
acres, 1997..	89	20	43	32	(D)	528	574
1992..	260	68	115	509	286	198	161
Cropland in cultivated summer fallow ..... farms, 1997..	5	–	7	10	4	11	4
1992..	8	7	13	13	7	18	10
acres, 1997..	127	–	228	189	(D)	576	403
1992..	114	291	378	542	215	1 525	366
Cropland idle ..... farms, 1997..	113	84	82	89	67	137	77
1992..	375	351	291	442	468	407	399
acres, 1997..	2 772	3 741	2 134	3 822	2 718	7 635	2 788
1992..	9 222	9 402	6 673	11 029	10 675	11 196	8 780
Total woodland ..... farms, 1997..	178	194	216	258	67	180	46
1992..	166	195	232	257	68	205	72
acres, 1997..	7 295	13 013	7 303	9 889	3 940	8 148	1 831
1992..	6 395	13 469	6 428	8 425	3 062	7 325	2 656
Woodland pastured ..... farms, 1997..	52	116	71	131	21	71	21
1992..	62	109	72	136	30	85	41
acres, 1997..	2 471	8 561	2 089	4 408	2 281	3 436	995
1992..	3 009	8 248	2 127	3 853	1 796	3 789	1 637
Woodland not pastured ..... farms, 1997..	143	107	172	164	51	129	30
1992..	124	113	178	179	42	146	40
acres, 1997..	4 824	4 452	5 214	5 481	1 659	4 712	836
1992..	3 386	5 221	4 301	4 572	1 266	3 536	1 019
Other land ..... farms, 1997..	700	609	733	836	666	780	550
1992..	791	664	793	889	756	915	654
acres, 1997..	15 259	18 405	20 691	23 218	26 393	21 485	17 647
1992..	15 866	15 726	14 946	19 971	24 271	23 148	17 425
Pastureland and rangeland other than cropland and woodland pastured ..... farms, 1997..	137	149	172	192	122	198	83
1992..	156	123	182	213	127	233	78
acres, 1997..	5 083	6 359	5 339	8 141	6 650	7 290	4 466
1992..	4 294	5 036	5 434	7 423	8 319	8 349	4 490
Land in house lots, ponds, roads, wasteland, etc. ..... farms, 1997..	673	571	695	786	641	747	535
1992..	751	634	753	842	730	871	638
acres, 1997..	10 176	12 046	15 352	15 077	19 743	14 195	13 181
1992..	11 572	10 690	9 512	12 548	15 952	14 799	12 935
Pastureland, all types ..... farms, 1997..	325	340	403	517	259	437	211
1992..	392	373	501	574	288	535	257
acres, 1997..	12 466	22 402	12 651	23 535	14 984	20 676	11 052
1992..	13 237	21 301	16 115	23 013	15 461	21 348	13 037
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms, 1997..	178	157	178	165	121	304	131
1992..	83	118	137	115	110	242	127
acres, 1997..	4 679	5 785	5 540	6 011	4 233	16 175	4 147
1992..	2 509	4 539	4 173	5 135	4 133	14 940	4 125

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
LAND IN FARMS ACCORDING TO USE							
Total cropland ..... farms, 1997..	999	739	881	769	807	862	604
1992..	1 087	828	1 006	765	890	916	632
acres, 1997..	323 889	287 811	292 201	281 536	286 850	242 737	151 334
1992..	332 327	305 308	304 103	290 898	297 605	246 207	172 652
Harvested cropland ..... farms, 1997..	967	677	812	694	777	789	505
1992..	1 062	790	956	737	875	880	569
acres, 1997..	302 918	237 766	264 890	264 004	265 149	223 329	81 284
1992..	300 794	243 861	269 143	265 436	262 066	216 787	90 864
Cropland used only for pasture or grazing ..... farms, 1997..	254	376	318	152	238	251	341
1992..	297	435	335	152	297	281	394
acres, 1997..	12 642	36 226	16 645	5 258	16 231	8 835	49 499
1992..	12 303	41 723	14 627	5 689	20 996	8 643	54 781
Other cropland ..... farms, 1997..	234	248	237	220	141	219	237
1992..	581	456	597	499	518	530	272
acres, 1997..	8 329	13 819	10 666	12 274	5 470	10 573	20 551
1992..	19 230	19 724	20 333	19 773	14 543	20 777	27 007
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms, 1997..	125	151	125	105	72	100	126
1992..	222	228	264	209	151	182	151
acres, 1997..	2 902	6 256	3 962	4 794	2 364	3 723	10 043
1992..	5 837	8 026	8 028	8 168	5 519	6 430	12 714
Cropland on which all crops failed ..... farms, 1997..	10	23	2	10	3	8	18
1992..	8	12	23	14	8	12	20
acres, 1997..	373	604	(D)	461	(D)	161	369
1992..	84	254	516	157	215	253	707
Cropland in cultivated summer fallow ..... farms, 1997..	7	5	4	4	4	10	6
1992..	18	6	21	9	16	25	6
acres, 1997..	589	315	(D)	416	(D)	602	328
1992..	741	240	821	339	718	1 380	383
Cropland idle ..... farms, 1997..	117	100	118	120	70	121	116
1992..	418	282	387	335	396	406	134
acres, 1997..	4 465	6 644	6 545	6 603	2 919	6 087	9 811
1992..	12 568	11 204	10 968	11 109	8 091	12 714	13 203
Total woodland ..... farms, 1997..	70	140	236	100	105	222	242
1992..	74	127	234	108	101	257	214
acres, 1997..	2 450	5 598	10 834	2 280	6 909	8 019	17 532
1992..	2 364	5 766	12 149	2 661	5 712	8 725	15 097
Woodland pastured ..... farms, 1997..	35	70	125	33	50	81	144
1992..	48	54	106	33	43	95	149
acres, 1997..	1 479	2 786	5 335	887	3 513	3 160	9 869
1992..	1 578	3 775	5 840	1 324	4 067	3 966	10 765
Woodland not pastured ..... farms, 1997..	42	83	157	71	72	168	125
1992..	33	82	170	80	66	193	92
acres, 1997..	971	2 812	5 499	1 393	3 396	4 859	7 663
1992..	786	1 991	6 309	1 337	1 645	4 759	4 332
Other land ..... farms, 1997..	765	624	704	538	669	694	543
1992..	900	727	837	594	764	783	550
acres, 1997..	26 359	37 953	22 709	17 035	36 596	21 615	52 982
1992..	25 064	36 279	22 549	14 938	32 937	19 973	48 660
Pastureland and rangeland other than cropland and woodland pastured ..... farms, 1997..	144	195	194	95	220	196	269
1992..	172	229	199	124	234	214	256
acres, 1997..	7 550	15 808	9 347	3 827	19 588	8 645	39 160
1992..	6 687	15 533	9 303	4 064	16 775	8 864	38 175
Land in house lots, ponds, roads, wasteland, etc. ..... farms, 1997..	719	574	652	522	622	650	475
1992..	857	669	791	571	707	744	486
acres, 1997..	18 809	22 145	13 362	13 208	17 008	12 970	13 822
1992..	18 377	20 746	13 246	10 874	16 162	11 109	10 485
Pastureland, all types ..... farms, 1997..	380	518	489	236	438	419	531
1992..	449	600	507	268	500	481	564
acres, 1997..	21 671	54 820	31 327	9 972	39 332	20 640	98 528
1992..	20 568	61 031	29 770	11 077	41 838	21 473	103 721
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms, 1997..	140	210	230	207	125	219	300
1992..	98	146	164	185	84	218	219
acres, 1997..	7 039	16 801	13 150	10 970	7 145	9 509	33 469
1992..	5 424	11 136	9 687	9 113	5 181	11 335	24 866

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
LAND IN FARMS ACCORDING TO USE							
Total cropland ..... farms, 1997..	615	1 522	1 161	1 003	841	813	662
1992..	714	1 509	1 243	1 147	875	828	599
acres, 1997..	262 903	337 115	325 354	374 638	287 666	188 883	170 796
1992..	287 686	335 605	329 733	363 063	278 983	194 232	173 115
Harvested cropland ..... farms, 1997..	579	1 296	1 042	910	754	690	519
1992..	696	1 393	1 174	1 071	835	781	521
acres, 1997..	244 994	273 022	290 935	325 709	263 751	110 732	88 999
1992..	261 925	264 033	284 080	292 233	249 068	112 533	84 629
Cropland used only for pasture or grazing ..... farms, 1997..	135	632	372	473	243	500	376
1992..	153	745	418	586	242	467	340
acres, 1997..	8 723	32 585	15 845	30 756	12 777	53 576	54 004
1992..	8 106	35 970	16 284	39 072	13 819	49 625	59 346
Other cropland ..... farms, 1997..	174	476	329	305	217	271	236
1992..	471	651	712	620	452	362	301
acres, 1997..	9 186	31 508	18 574	18 173	11 138	24 575	27 793
1992..	17 655	35 602	29 369	31 758	16 096	32 074	29 140
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms, 1997..	96	228	164	186	113	136	141
1992..	156	257	260	234	167	187	164
acres, 1997..	5 061	13 157	7 286	8 650	4 870	12 635	13 683
1992..	6 010	12 488	8 761	10 775	5 439	14 660	16 854
Cropland on which all crops failed ..... farms, 1997..	11	11	22	9	9	10	4
1992..	13	45	30	7	16	25	50
acres, 1997..	99	235	480	382	339	255	42
1992..	207	2 416	679	547	439	888	1 892
Cropland in cultivated summer fallow ..... farms, 1997..	3	29	12	9	5	4	6
1992..	8	27	20	18	9	18	8
acres, 1997..	108	1 318	452	390	202	89	412
1992..	673	1 629	1 125	1 223	151	900	477
Cropland idle ..... farms, 1997..	73	253	164	143	109	155	122
1992..	370	431	512	464	315	196	151
acres, 1997..	3 918	16 798	10 356	8 751	5 727	11 596	13 656
1992..	10 765	19 069	18 804	19 213	10 067	15 626	9 917
Total woodland ..... farms, 1997..	72	935	353	146	251	378	292
1992..	91	962	334	183	243	419	261
acres, 1997..	3 664	77 621	15 685	6 958	12 928	25 512	27 180
1992..	3 872	76 335	14 368	7 846	10 830	26 316	20 150
Woodland pastured ..... farms, 1997..	30	525	149	88	94	262	184
1992..	40	615	166	104	123	291	178
acres, 1997..	2 106	32 071	5 339	4 174	5 384	15 066	13 989
1992..	1 764	39 289	7 525	5 391	5 068	16 418	12 212
Woodland not pastured ..... farms, 1997..	47	703	255	79	181	208	153
1992..	58	660	227	105	156	215	135
acres, 1997..	1 558	45 550	10 346	2 784	7 544	10 446	13 191
1992..	2 108	37 046	6 843	2 455	5 762	9 898	7 938
Other land ..... farms, 1997..	476	1 162	901	867	658	733	585
1992..	596	1 176	988	960	678	734	513
acres, 1997..	19 262	37 314	26 725	50 130	23 018	52 113	63 951
1992..	23 254	45 014	24 013	44 195	22 360	54 771	68 229
Pastureland and rangeland other than cropland and woodland pastured ..... farms, 1997..	119	355	262	277	173	305	288
1992..	167	443	269	292	181	338	248
acres, 1997..	6 282	18 434	11 148	25 692	10 017	35 846	48 915
1992..	10 803	26 386	10 738	19 991	10 035	38 009	55 236
Land in house lots, ponds, roads, wasteland, etc. ..... farms, 1997..	449	1 089	846	786	611	675	523
1992..	564	1 073	917	884	640	652	457
acres, 1997..	12 980	18 880	15 577	24 438	13 001	16 267	15 036
1992..	12 451	18 628	13 275	24 204	12 325	16 762	12 993
Pastureland, all types ..... farms, 1997..	245	1 022	623	668	410	710	579
1992..	304	1 167	674	807	430	725	533
acres, 1997..	17 111	83 090	32 332	60 622	28 178	104 488	116 908
1992..	20 673	101 645	34 547	64 454	28 922	104 052	126 794
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms, 1997..	172	524	309	238	208	345	307
1992..	174	375	221	176	165	257	203
acres, 1997..	9 996	39 421	22 871	18 308	9 140	35 068	33 338
1992..	10 135	29 191	16 352	16 942	6 977	29 251	24 423

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
LAND IN FARMS ACCORDING TO USE								
Total cropland ..... farms, 1997..	1 194	614	469	1 435	480	1 192	785	799
1992..	1 260	626	508	1 516	517	1 296	811	843
acres, 1997..	286 992	155 783	180 906	257 739	205 431	343 679	274 299	316 140
1992..	296 319	161 555	184 781	275 588	209 670	346 042	262 555	320 581
Harvested cropland ..... farms, 1997..	1 114	556	424	1 273	425	1 085	724	751
1992..	1 213	602	491	1 433	497	1 231	777	825
acres, 1997..	259 875	140 564	166 247	213 151	187 912	317 357	257 712	299 931
1992..	259 480	139 979	164 037	223 921	188 176	301 257	235 754	294 828
Cropland used only for pasture or grazing ..... farms, 1997..	430	184	110	602	95	383	169	126
1992..	532	207	120	718	102	545	179	155
acres, 1997..	17 312	8 892	7 337	26 231	7 112	14 636	6 377	4 690
1992..	18 739	11 154	7 660	32 981	5 686	22 141	6 726	5 836
Other cropland ..... farms, 1997..	270	146	140	332	146	278	219	227
1992..	546	289	318	476	371	654	507	561
acres, 1997..	9 805	6 327	7 322	18 357	10 407	11 686	10 210	11 519
1992..	18 100	10 422	13 084	18 686	15 808	22 644	20 075	19 917
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms, 1997..	119	69	72	141	58	130	117	80
1992..	185	108	94	157	115	249	189	186
acres, 1997..	3 414	3 165	3 060	6 497	3 648	4 891	4 018	2 899
1992..	5 702	3 720	4 834	5 903	4 661	9 142	7 947	6 335
Cropland on which all crops failed ..... farms, 1997..	5	1	5	9	13	6	11	58
1992..	22	15	17	34	6	11	8	6
acres, 1997..	184	(D)	(D)	255	772	62	367	2 109
1992..	423	195	479	600	284	201	107	21
Cropland in cultivated summer fallow ..... farms, 1997..	10	7	2	28	4	8	8	7
1992..	30	5	4	26	11	12	10	15
acres, 1997..	422	(D)	(D)	1 268	444	331	639	629
1992..	1 664	177	208	1 377	631	381	287	517
Cropland idle ..... farms, 1997..	142	79	73	180	81	154	106	104
1992..	389	192	242	324	298	472	370	432
acres, 1997..	5 785	2 677	4 187	10 337	5 543	6 402	5 186	5 882
1992..	10 311	6 330	7 563	10 806	10 232	12 920	11 734	13 044
Total woodland ..... farms, 1997..	379	269	37	677	61	406	204	94
1992..	381	267	53	656	62	454	199	108
acres, 1997..	18 227	17 192	823	40 029	1 761	24 645	7 638	3 454
1992..	18 224	15 297	1 047	36 066	1 553	26 724	6 212	4 385
Woodland pastured ..... farms, 1997..	209	122	15	428	30	200	83	34
1992..	233	123	24	455	28	241	80	51
acres, 1997..	9 204	6 400	511	25 015	991	10 765	2 787	1 575
1992..	10 783	6 943	600	23 761	885	14 724	2 711	2 661
Woodland not pastured ..... farms, 1997..	236	205	26	402	35	305	144	72
1992..	217	180	36	376	41	326	146	66
acres, 1997..	9 023	10 792	312	15 014	770	13 880	4 851	1 879
1992..	7 441	8 354	447	12 305	668	12 000	3 501	1 724
Other land ..... farms, 1997..	936	477	380	1 099	335	938	596	581
1992..	1 002	497	412	1 169	396	1 071	656	693
acres, 1997..	20 968	19 190	19 397	38 729	12 982	36 083	18 318	24 702
1992..	21 588	15 615	16 421	32 216	13 588	28 859	18 819	18 401
Pastureland and rangeland other than cropland and woodland pastured ..... farms, 1997..	198	122	110	408	74	271	125	115
1992..	250	138	124	452	106	288	142	121
acres, 1997..	7 863	8 695	7 813	22 100	4 136	18 017	4 585	9 560
1992..	9 292	8 454	8 175	21 272	6 315	13 259	5 635	6 093
Land in house lots, ponds, roads, wasteland, etc. ..... farms, 1997..	885	442	343	941	317	882	574	551
1992..	926	455	375	1 019	363	993	620	658
acres, 1997..	13 105	10 495	11 584	16 629	8 846	18 066	13 733	15 142
1992..	12 296	7 161	8 246	10 944	7 273	15 600	13 184	12 308
Pastureland, all types ..... farms, 1997..	666	313	206	1 064	169	657	315	232
1992..	791	345	230	1 172	199	794	334	284
acres, 1997..	34 379	23 987	15 661	73 346	12 239	43 418	13 749	15 825
1992..	38 814	26 551	16 435	78 014	12 886	50 124	15 072	14 590
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms, 1997..	280	170	162	335	147	309	267	199
1992..	164	102	131	213	126	244	233	174
acres, 1997..	11 461	8 314	10 133	21 203	10 334	14 568	12 238	8 829
1992..	7 652	4 515	8 142	13 479	9 404	13 488	11 504	7 580

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
LAND IN FARMS ACCORDING TO USE								
Total cropland ..... farms, 1997..	549	710	704	755	737	785	779	828
1992..	555	785	773	842	810	870	894	852
acres, 1997..	268 447	316 526	298 946	241 702	329 567	315 295	314 144	342 113
1992..	270 200	336 979	298 279	271 920	313 284	312 797	303 894	342 194
Harvested cropland ..... farms, 1997..	495	679	678	656	705	748	742	746
1992..	533	761	747	780	784	850	858	824
acres, 1997..	233 070	297 213	289 061	194 659	317 421	304 229	299 363	302 447
1992..	230 305	306 071	280 902	206 313	290 657	289 686	280 091	294 151
Cropland used only for pasture or grazing ..... farms, 1997..	242	190	156	309	102	122	140	285
1992..	235	207	215	395	131	151	193	312
acres, 1997..	18 433	10 964	6 395	29 034	3 742	3 234	7 283	21 165
1992..	19 120	12 184	6 593	39 972	3 696	4 794	7 960	20 132
Other cropland ..... farms, 1997..	219	170	122	250	183	165	185	235
1992..	354	511	469	459	578	573	540	514
acres, 1997..	16 944	8 349	3 490	18 009	8 404	7 832	7 498	18 501
1992..	20 775	18 724	10 784	25 635	18 931	18 317	15 843	27 911
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms, 1997..	114	84	63	135	82	66	63	127
1992..	198	178	162	221	171	156	184	201
acres, 1997..	4 761	2 410	1 394	7 923	3 856	2 632	1 431	8 916
1992..	9 712	6 462	3 683	11 570	5 078	5 016	5 669	8 623
Cropland on which all crops failed ..... farms, 1997..	36	14	6	11	25	12	37	14
1992..	16	9	5	8	8	34	10	16
acres, 1997..	5 629	(D)	(D)	261	765	656	1 151	1 385
1992..	391	161	61	232	59	571	74	453
Cropland in cultivated summer fallow ..... farms, 1997..	6	2	2	6	4	5	9	6
1992..	16	5	9	8	11	19	10	9
acres, 1997..	109	(D)	(D)	271	183	220	161	155
1992..	876	882	227	977	380	818	365	390
Cropland idle ..... farms, 1997..	102	87	55	119	93	92	87	110
1992..	210	377	328	295	446	439	386	381
acres, 1997..	6 445	5 067	1 644	9 554	3 600	4 324	4 755	8 045
1992..	9 796	11 219	6 813	12 856	13 414	11 912	9 735	18 445
Total woodland ..... farms, 1997..	172	115	61	230	100	73	137	290
1992..	169	121	70	229	110	60	136	336
acres, 1997..	10 913	6 537	1 882	15 222	5 893	2 115	6 968	20 689
1992..	9 394	7 809	2 092	14 449	5 087	1 015	6 690	21 024
Woodland pastured ..... farms, 1997..	64	67	29	147	35	30	65	135
1992..	76	62	32	151	29	32	65	169
acres, 1997..	3 258	3 994	1 374	8 021	1 424	831	4 361	7 956
1992..	2 642	4 522	1 509	9 516	1 416	529	3 975	9 161
Woodland not pastured ..... farms, 1997..	128	68	41	134	76	53	85	209
1992..	113	79	42	119	85	32	84	229
acres, 1997..	7 655	2 543	508	7 201	4 469	1 284	2 607	12 733
1992..	6 752	3 287	583	4 933	3 671	486	2 715	11 863
Other land ..... farms, 1997..	405	511	522	641	532	567	549	564
1992..	457	631	636	733	631	656	701	619
acres, 1997..	38 995	20 283	20 561	47 253	13 215	16 640	18 839	29 906
1992..	22 758	22 139	16 834	42 516	14 006	15 339	21 774	35 937
Pastureland and rangeland other than cropland and woodland pastured ..... farms, 1997..	91	109	121	247	71	83	120	150
1992..	115	163	133	287	85	92	172	190
acres, 1997..	19 173	6 307	4 581	25 852	1 904	3 564	7 924	13 615
1992..	8 002	8 119	4 886	26 811	2 735	3 519	9 715	17 735
Land in house lots, ponds, roads, wasteland, etc. ..... farms, 1997..	388	485	500	578	517	542	516	541
1992..	419	587	599	653	608	628	648	585
acres, 1997..	19 822	13 976	15 980	21 401	11 311	13 076	10 915	16 291
1992..	14 756	14 020	11 948	15 705	11 271	11 820	12 059	18 202
Pastureland, all types ..... farms, 1997..	301	313	269	509	175	214	281	410
1992..	328	364	330	630	229	243	369	505
acres, 1997..	40 864	21 265	12 350	62 907	7 070	7 629	19 568	42 736
1992..	29 764	24 825	12 988	76 299	7 847	8 842	21 650	47 028
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms, 1997..	160	178	91	280	145	178	141	203
1992..	114	150	47	222	137	164	127	155
acres, 1997..	10 656	9 016	2 096	23 989	5 731	7 064	6 131	15 125
1992..	11 970	6 816	1 075	19 586	5 256	6 069	4 743	12 693

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
LAND IN FARMS ACCORDING TO USE								
Total cropland ..... farms, 1997..	774	788	559	571	905	1 157	1 108	706
1992..	737	798	627	662	924	1 180	1 195	683
acres, 1997..	200 902	241 042	245 417	231 131	271 861	233 629	365 523	178 100
1992..	188 831	233 274	265 244	248 095	272 811	240 340	370 958	184 896
Harvested cropland ..... farms, 1997..	653	708	547	537	742	957	996	565
1992..	698	761	618	635	857	1 089	1 143	631
acres, 1997..	166 383	216 902	239 060	205 956	213 273	166 492	318 965	139 078
1992..	157 639	198 178	248 840	213 378	207 091	169 830	306 533	142 535
Cropland used only for pasture or grazing ..... farms, 1997..	243	246	58	261	390	572	418	280
1992..	248	260	77	285	484	623	548	306
acres, 1997..	15 617	10 468	2 871	17 423	29 229	41 095	26 601	16 103
1992..	13 822	12 691	3 358	17 556	34 307	44 272	34 588	20 420
Other cropland ..... farms, 1997..	299	262	102	183	397	348	332	320
1992..	394	456	416	439	513	500	611	376
acres, 1997..	18 902	13 672	3 486	7 752	29 359	26 042	19 957	22 919
1992..	17 370	22 405	13 046	17 161	31 413	26 238	29 837	21 941
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms, 1997..	169	126	37	107	200	164	198	179
1992..	206	191	109	176	234	175	312	208
acres, 1997..	11 145	6 222	1 070	3 664	13 285	11 194	9 307	10 899
1992..	8 939	8 237	2 906	6 038	15 068	7 127	13 736	11 708
Cropland on which all crops failed ..... farms, 1997..	4	4	7	1	15	6	9	7
1992..	13	24	19	4	31	37	19	11
acres, 1997..	(D)	(D)	204	(D)	471	53	150	(D)
1992..	160	985	232	35	877	1 025	544	451
Cropland in cultivated summer fallow ..... farms, 1997..	12	8	11	6	3	8	10	3
1992..	7	13	12	9	9	16	10	4
acres, 1997..	(D)	(D)	222	(D)	105	279	296	(D)
1992..	314	394	474	896	362	862	536	76
Cropland idle ..... farms, 1997..	142	146	54	94	214	212	153	164
1992..	229	294	330	324	344	340	383	216
acres, 1997..	7 098	7 086	1 990	3 967	15 498	14 516	10 204	11 846
1992..	7 957	12 789	9 434	10 192	15 106	17 224	15 021	9 706
Total woodland ..... farms, 1997..	323	207	58	54	246	635	285	331
1992..	272	207	77	39	269	690	317	296
acres, 1997..	21 012	6 229	1 845	1 107	20 669	52 738	12 720	20 096
1992..	15 740	6 353	3 692	822	14 378	56 575	13 092	15 689
Woodland pastured ..... farms, 1997..	128	81	28	17	129	443	163	157
1992..	127	75	33	8	156	537	167	146
acres, 1997..	7 453	2 476	867	357	6 875	36 368	6 753	7 675
1992..	6 857	2 658	1 910	112	8 448	41 196	7 214	6 172
Woodland not pastured ..... farms, 1997..	240	144	36	38	159	343	167	255
1992..	186	160	53	31	151	314	188	216
acres, 1997..	13 559	3 753	978	750	13 794	16 370	5 967	12 421
1992..	8 883	3 695	1 782	710	5 930	15 379	5 878	9 517
Other land ..... farms, 1997..	589	630	387	494	713	926	936	583
1992..	582	670	474	584	733	950	1 057	571
acres, 1997..	22 790	22 479	10 149	21 068	39 392	48 457	42 394	29 821
1992..	21 264	21 154	11 861	23 914	34 096	49 654	47 135	26 488
Pastureland and rangeland other than cropland and woodland pastured ..... farms, 1997..	183	174	47	112	172	429	329	213
1992..	179	193	64	148	187	442	356	200
acres, 1997..	10 856	8 502	1 935	7 425	17 129	37 870	20 114	14 626
1992..	10 607	8 775	2 381	8 542	17 040	36 689	25 145	13 623
Land in house lots, ponds, roads, wasteland, etc. ..... farms, 1997..	552	606	380	471	658	802	870	545
1992..	543	627	454	545	687	817	989	539
acres, 1997..	11 934	13 977	8 214	13 643	22 263	10 587	22 280	15 195
1992..	10 657	12 379	9 480	15 372	17 056	12 965	21 990	12 865
Pastureland, all types ..... farms, 1997..	417	399	107	349	536	972	716	461
1992..	424	421	146	403	598	1 058	841	468
acres, 1997..	33 926	21 446	5 673	25 205	53 233	115 333	53 468	38 404
1992..	31 286	24 124	7 649	26 210	59 795	122 157	66 947	40 215
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms, 1997..	307	311	68	128	400	411	312	345
1992..	167	272	63	87	281	293	255	206
acres, 1997..	23 164	17 510	2 058	6 963	34 636	33 919	20 398	26 398
1992..	11 136	17 993	1 480	6 333	23 458	23 534	20 402	15 691

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
LAND IN FARMS ACCORDING TO USE								
Total cropland ..... farms, 1997..	1 183	953	883	1 325	773	1 342	544	634
1992..	1 153	983	868	1 502	818	1 412	519	576
acres, 1997..	249 275	267 164	263 316	547 880	189 658	291 876	168 229	156 678
1992..	248 641	270 433	267 668	580 414	206 408	303 604	164 417	156 312
Harvested cropland ..... farms, 1997..	1 009	841	715	1 278	672	1 167	474	513
1992..	1 085	931	810	1 490	780	1 338	502	523
acres, 1997..	202 934	233 100	193 893	528 869	156 755	257 566	146 959	76 807
1992..	202 620	223 868	195 808	537 860	165 453	260 797	142 036	76 475
Cropland used only for pasture or grazing ..... farms, 1997..	513	392	388	181	289	420	138	365
1992..	579	443	420	200	309	548	154	352
acres, 1997..	21 742	21 386	31 944	8 051	17 945	14 202	7 099	52 268
1992..	25 956	26 066	30 640	9 944	22 761	20 150	7 355	51 555
Other cropland ..... farms, 1997..	400	260	407	228	258	394	228	270
1992..	502	492	537	1 014	393	640	305	290
acres, 1997..	24 599	12 678	37 479	10 960	14 958	20 108	14 171	27 603
1992..	20 065	20 499	41 220	32 610	18 194	22 657	15 026	28 282
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms, 1997..	204	138	226	67	119	189	115	149
1992..	220	211	271	199	180	238	141	165
acres, 1997..	10 285	4 426	18 809	3 318	4 970	7 816	7 212	13 547
1992..	7 747	8 743	20 503	6 084	7 441	8 846	6 382	12 590
Cropland on which all crops failed ..... farms, 1997..	19	9	10	16	7	18	7	6
1992..	25	37	34	27	27	36	17	16
acres, 1997..	293	327	441	(D)	278	763	(D)	143
1992..	619	876	993	314	753	687	400	598
Cropland in cultivated summer fallow ..... farms, 1997..	21	10	10	4	5	7	1	8
1992..	20	13	7	21	16	15	3	8
acres, 1997..	512	409	441	(D)	365	102	(D)	649
1992..	699	420	448	1 032	845	340	60	1 034
Cropland idle ..... farms, 1997..	197	121	199	155	143	208	120	151
1992..	304	320	331	881	239	425	199	163
acres, 1997..	13 509	7 516	17 788	7 252	9 345	11 427	6 652	13 264
1992..	11 000	10 460	19 276	25 180	9 155	12 784	8 184	14 060
Total woodland ..... farms, 1997..	442	387	354	79	441	458	232	299
1992..	424	401	369	75	426	443	201	303
acres, 1997..	14 024	22 379	20 495	4 109	33 786	18 287	15 808	22 045
1992..	14 104	21 009	18 673	3 277	32 946	18 311	12 174	20 577
Woodland pastured ..... farms, 1997..	183	214	173	29	215	227	91	176
1992..	222	242	201	32	216	239	99	203
acres, 1997..	5 032	11 761	8 545	2 431	15 188	9 333	4 434	11 228
1992..	5 849	12 452	9 184	2 015	15 159	10 371	5 452	11 798
Woodland not pastured ..... farms, 1997..	307	267	242	55	304	302	185	191
1992..	261	248	229	51	279	269	139	167
acres, 1997..	8 992	10 618	11 950	1 678	18 598	8 954	11 374	10 817
1992..	8 255	8 557	9 489	1 262	17 787	7 940	6 722	8 779
Other land ..... farms, 1997..	943	754	711	889	673	1 080	411	542
1992..	913	837	719	1 054	660	1 104	386	497
acres, 1997..	24 840	32 391	39 217	28 895	33 241	29 064	17 356	48 437
1992..	21 792	30 508	36 060	31 343	26 729	27 337	14 700	42 481
Pastureland and rangeland other than cropland and woodland pastured ..... farms, 1997..	230	285	209	113	253	336	112	236
1992..	246	258	238	163	205	340	126	235
acres, 1997..	9 797	18 953	12 747	9 059	20 451	13 621	6 375	35 053
1992..	8 550	17 219	18 310	9 631	14 246	13 292	7 058	31 212
Land in house lots, ponds, roads, wasteland, etc. ..... farms, 1997..	887	686	673	859	607	998	390	492
1992..	861	780	676	990	602	1 009	357	447
acres, 1997..	15 043	13 438	26 470	19 836	12 790	15 443	10 981	13 384
1992..	13 242	13 289	17 750	21 712	12 483	14 045	7 642	11 269
Pastureland, all types ..... farms, 1997..	684	644	551	290	531	771	261	526
1992..	760	687	596	345	520	864	288	527
acres, 1997..	36 571	52 100	53 236	19 541	53 584	37 156	17 908	98 549
1992..	40 355	55 737	58 134	21 590	52 166	43 813	19 865	94 565
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms, 1997..	333	228	472	223	293	375	229	306
1992..	172	139	369	198	174	245	114	211
acres, 1997..	24 846	13 900	44 754	9 045	18 274	20 823	15 683	33 953
1992..	13 357	10 368	34 218	9 026	11 659	14 587	8 698	23 563

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
LAND IN FARMS ACCORDING TO USE								
Total cropland ..... farms, 1997..	1 014	912	933	887	831	470	737	659
1992..	1 028	942	982	915	880	517	745	755
acres, 1997..	315 326	228 786	273 633	218 837	289 823	204 717	242 726	316 827
1992..	313 211	222 307	267 909	213 755	282 571	217 133	241 380	336 227
Harvested cropland ..... farms, 1997..	961	793	807	733	736	430	700	589
1992..	1 002	879	921	857	839	500	724	717
acres, 1997..	293 762	163 603	230 111	171 369	260 604	181 401	230 307	276 942
1992..	279 865	157 113	222 125	162 365	244 553	188 833	218 886	286 468
Cropland used only for pasture or grazing ..... farms, 1997..	336	428	332	382	239	178	173	217
1992..	376	473	372	444	282	205	191	225
acres, 1997..	15 847	47 303	20 515	27 988	12 104	10 736	5 974	22 741
1992..	18 576	41 269	20 268	30 849	13 896	13 961	6 848	17 980
Other cropland ..... farms, 1997..	171	303	381	304	288	160	140	209
1992..	551	453	554	400	478	307	439	487
acres, 1997..	5 717	17 880	23 007	19 480	17 115	12 580	6 445	17 144
1992..	14 770	23 925	25 516	20 541	24 122	14 339	15 646	31 779
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms, 1997..	66	165	226	154	183	80	73	92
1992..	161	234	271	201	245	158	180	157
acres, 1997..	1 526	7 940	11 228	9 121	9 338	3 667	3 074	6 745
1992..	4 754	12 848	11 029	9 164	10 025	5 240	6 020	9 501
Cropland on which all crops failed ..... farms, 1997..	15	23	15	8	12	23	–	18
1992..	19	12	24	30	7	8	10	20
acres, 1997..	103	933	(D)	82	(D)	(D)	–	313
1992..	360	634	857	989	48	(D)	284	460
Cropland in cultivated summer fallow ..... farms, 1997..	14	6	1	9	2	1	9	9
1992..	14	12	12	8	16	2	14	17
acres, 1997..	434	221	(D)	475	(D)	(D)	263	137
1992..	488	375	322	481	595	(D)	956	674
Cropland idle ..... farms, 1997..	95	131	165	161	120	67	69	115
1992..	447	261	312	212	283	179	302	390
acres, 1997..	3 654	8 786	11 134	9 802	7 087	4 612	3 108	9 949
1992..	9 168	10 068	13 308	9 907	13 454	8 858	8 386	21 144
Total woodland ..... farms, 1997..	39	338	308	405	172	115	179	175
1992..	50	351	284	376	162	138	195	209
acres, 1997..	1 192	25 397	15 496	22 789	6 302	5 295	5 778	16 999
1992..	1 628	22 002	13 813	16 838	7 101	5 283	5 829	20 396
Woodland pastured ..... farms, 1997..	26	172	151	171	68	42	73	98
1992..	27	204	135	199	72	54	86	118
acres, 1997..	674	13 579	6 684	9 572	2 981	1 016	2 257	8 756
1992..	1 180	13 437	6 038	7 570	3 522	1 707	2 541	11 032
Woodland not pastured ..... farms, 1997..	20	218	211	302	121	84	129	94
1992..	28	206	188	248	104	97	133	133
acres, 1997..	518	11 818	8 812	13 217	3 321	4 279	3 521	8 243
1992..	448	8 565	7 775	9 268	3 579	3 576	3 288	9 364
Other land ..... farms, 1997..	867	780	789	763	657	370	598	448
1992..	945	834	834	760	702	434	654	572
acres, 1997..	31 974	62 396	39 909	44 098	23 267	22 117	16 669	33 825
1992..	32 760	61 376	33 165	37 927	23 186	15 446	15 838	36 212
Pastureland and rangeland other than cropland and woodland pastured ..... farms, 1997..	210	359	262	306	175	77	141	148
1992..	262	401	271	287	199	83	161	178
acres, 1997..	12 836	42 832	20 755	24 878	7 977	6 901	5 417	19 888
1992..	17 329	43 758	15 052	21 201	10 125	3 336	5 178	20 208
Land in house lots, ponds, roads, wasteland, etc. ..... farms, 1997..	811	710	751	698	615	351	558	419
1992..	847	748	776	700	664	412	621	541
acres, 1997..	19 138	19 564	19 154	19 220	15 290	15 216	11 252	13 937
1992..	15 431	17 618	18 113	16 726	13 061	12 110	10 660	16 004
Pastureland, all types ..... farms, 1997..	522	710	556	635	400	242	317	331
1992..	593	764	601	671	461	276	342	380
acres, 1997..	29 357	103 714	47 954	62 438	23 062	18 653	13 648	51 385
1992..	37 085	98 464	41 358	59 620	27 543	19 004	14 567	49 220
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms, 1997..	163	328	409	360	263	107	172	175
1992..	102	220	282	192	213	91	168	151
acres, 1997..	8 410	25 777	25 840	25 607	16 026	6 457	7 344	16 703
1992..	4 929	17 089	16 729	16 282	16 752	6 264	8 474	16 372

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
LAND IN FARMS ACCORDING TO USE								
Total cropland ..... farms, 1997..	644	535	715	891	590	778	732	1 348
1992..	624	575	726	1 019	671	849	793	1 448
acres, 1997..	150 876	209 389	189 869	330 094	222 296	259 981	305 714	456 116
1992..	145 059	207 995	189 685	332 435	245 245	272 370	318 023	461 805
Harvested cropland ..... farms, 1997..	578	471	625	879	573	674	698	1 235
1992..	575	546	691	1 010	655	812	779	1 360
acres, 1997..	83 216	171 618	169 909	314 232	214 077	204 034	289 010	410 249
1992..	74 121	167 462	164 397	309 290	222 804	208 542	288 764	400 880
Cropland used only for pasture or grazing ..... farms, 1997..	359	251	228	187	98	411	111	457
1992..	351	304	244	216	158	464	129	558
acres, 1997..	51 320	20 974	9 211	10 521	3 650	36 382	3 760	27 744
1992..	52 598	24 431	12 267	8 458	6 076	39 230	4 224	31 176
Other cropland ..... farms, 1997..	192	238	224	140	121	272	216	314
1992..	245	333	377	658	460	466	548	848
acres, 1997..	16 340	16 797	10 749	5 341	4 569	19 565	12 944	18 123
1992..	18 340	16 102	13 021	14 687	16 365	24 598	25 035	29 749
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms, 1997..	111	157	121	65	45	162	81	140
1992..	117	182	159	142	112	296	172	282
acres, 1997..	8 088	9 427	5 600	2 857	1 153	9 011	5 522	6 737
1992..	9 014	8 578	4 392	2 694	4 085	12 242	8 017	9 524
Cropland on which all crops failed ..... farms, 1997..	15	14	16	6	4	14	27	12
1992..	25	5	23	12	7	15	21	20
acres, 1997..	(D)	351	(D)	83	101	(D)	452	286
1992..	670	72	843	211	285	(D)	496	361
Cropland in cultivated summer fallow ..... farms, 1997..	3	4	2	5	6	1	5	10
1992..	10	7	16	19	8	3	6	36
acres, 1997..	(D)	333	(D)	36	295	(D)	82	401
1992..	952	521	720	507	761	(D)	334	1 991
Cropland idle ..... farms, 1997..	89	97	102	72	77	128	118	176
1992..	135	183	242	555	391	241	436	633
acres, 1997..	7 579	6 686	4 760	2 365	3 020	10 115	6 888	10 699
1992..	7 704	6 931	7 066	11 275	11 234	12 043	16 188	17 873
Total woodland ..... farms, 1997..	347	114	232	48	16	178	65	100
1992..	366	114	224	64	35	202	77	133
acres, 1997..	27 322	3 784	12 895	2 104	1 060	7 566	2 536	5 960
1992..	26 199	5 320	14 861	1 933	340	6 981	2 564	3 260
Woodland pastured ..... farms, 1997..	202	52	108	23	4	74	21	47
1992..	253	57	122	20	13	98	18	59
acres, 1997..	14 609	1 665	6 595	1 064	52	3 029	541	3 830
1992..	16 679	2 082	9 605	693	91	3 916	748	1 690
Woodland not pastured ..... farms, 1997..	221	74	153	29	13	136	53	62
1992..	172	79	131	49	22	132	64	85
acres, 1997..	12 713	2 119	6 300	1 040	1 008	4 537	1 995	2 130
1992..	9 520	3 238	5 256	1 240	249	3 065	1 816	1 570
Other land ..... farms, 1997..	523	475	571	721	480	667	529	1 100
1992..	530	513	570	925	560	741	618	1 279
acres, 1997..	39 119	29 477	16 237	26 274	17 245	41 681	19 483	49 953
1992..	52 380	26 785	15 286	27 741	15 195	39 427	18 143	53 182
Pastureland and rangeland other than cropland and woodland pastured ..... farms, 1997..	239	147	159	152	79	232	91	274
1992..	291	160	152	184	100	243	99	293
acres, 1997..	29 373	11 495	7 295	9 194	2 750	19 162	4 865	23 150
1992..	42 358	11 143	7 821	11 511	3 552	16 888	5 216	25 126
Land in house lots, ponds, roads, wasteland, etc. ..... farms, 1997..	475	445	537	689	458	628	505	1 038
1992..	459	483	534	889	526	701	596	1 209
acres, 1997..	9 746	17 982	8 942	17 080	14 495	22 519	14 618	26 803
1992..	10 022	15 642	7 465	16 230	11 643	22 539	12 927	28 056
Pastureland, all types ..... farms, 1997..	532	354	389	325	168	565	198	686
1992..	569	404	416	380	249	610	223	805
acres, 1997..	95 302	34 134	23 101	20 779	6 452	58 573	9 166	54 724
1992..	111 635	37 656	29 693	20 662	9 719	60 034	10 188	57 992
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms, 1997..	235	213	210	128	120	298	211	301
1992..	162	131	126	110	106	204	209	219
acres, 1997..	23 852	17 043	10 874	4 625	5 004	25 455	14 137	20 810
1992..	14 691	11 852	6 502	3 660	4 689	19 951	12 789	16 357

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
LAND IN FARMS ACCORDING TO USE								
Total cropland ..... farms, 1997	753	725	1 222	861	628	741	751	852
1992	878	752	1 310	861	634	874	842	980
acres, 1997	338 984	200 801	482 787	292 572	210 245	312 041	205 650	314 868
1992	342 054	207 394	491 976	300 074	233 914	327 634	212 360	329 939
Harvested cropland ..... farms, 1997	738	643	1 129	709	505	713	703	809
1992	871	717	1 258	812	573	852	801	953
acres, 1997	330 852	184 859	436 604	230 161	114 558	298 271	194 545	287 342
1992	320 421	187 257	432 137	231 967	118 635	294 926	191 452	289 366
Cropland used only for pasture or grazing ..... farms, 1997	89	181	481	380	385	196	212	335
1992	124	180	575	460	424	296	258	422
acres, 1997	2 897	7 513	26 260	29 962	64 079	8 971	6 321	17 499
1992	3 118	7 935	32 828	35 358	75 692	13 943	8 397	20 508
Other cropland ..... farms, 1997	139	188	373	363	281	165	149	263
1992	614	371	779	511	346	569	414	606
acres, 1997	5 235	8 429	19 923	32 449	31 608	4 799	4 784	10 027
1992	18 515	12 202	27 011	32 749	39 587	18 765	12 511	20 065
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms, 1997	61	78	216	204	171	81	102	148
1992	178	139	361	266	208	188	162	284
acres, 1997	1 921	2 114	8 743	15 904	18 721	1 536	2 778	5 912
1992	5 193	4 337	11 740	15 609	19 163	5 172	3 496	7 664
Cropland on which all crops failed ..... farms, 1997	16	17	28	3	11	7	6	8
1992	43	20	24	12	9	14	27	11
acres, 1997	(D)	683	1 178	(D)	987	41	135	(D)
1992	539	553	515	539	334	354	317	212
Cropland in cultivated summer fallow ..... farms, 1997	4	–	5	8	5	5	–	2
1992	18	8	17	10	9	22	4	9
acres, 1997	(D)	–	348	(D)	218	132	–	(D)
1992	1 308	406	725	990	1 211	1 330	26	690
Cropland idle ..... farms, 1997	64	115	148	192	138	77	54	128
1992	467	239	518	291	182	419	272	393
acres, 1997	2 369	5 632	9 654	15 615	11 682	3 090	1 871	3 903
1992	11 475	6 906	14 031	15 611	18 879	11 909	8 672	11 499
Total woodland ..... farms, 1997	28	194	270	193	179	69	129	89
1992	41	172	261	172	227	87	158	107
acres, 1997	1 164	8 993	9 672	6 501	9 104	3 202	5 797	2 796
1992	1 401	6 455	9 631	7 117	12 038	3 551	6 489	2 121
Woodland pastured ..... farms, 1997	9	58	117	68	93	21	60	45
1992	18	68	114	79	132	39	56	53
acres, 1997	689	3 472	3 520	2 436	4 672	1 239	2 968	1 755
1992	911	2 717	4 035	3 392	6 501	1 632	3 382	1 084
Woodland not pastured ..... farms, 1997	20	154	179	139	121	53	81	51
1992	27	117	169	112	119	58	116	63
acres, 1997	475	5 521	6 152	4 065	4 432	1 963	2 829	1 041
1992	490	3 738	5 596	3 725	5 537	1 919	3 107	1 037
Other land ..... farms, 1997	482	557	950	721	526	588	553	675
1992	627	624	1 140	740	535	749	657	809
acres, 1997	16 840	15 829	44 245	36 223	44 404	29 706	13 801	24 702
1992	15 987	15 969	41 248	33 791	47 314	32 987	14 368	21 510
Pastureland and rangeland other than cropland and woodland pastured ..... farms, 1997	49	127	196	228	173	142	116	130
1992	58	180	262	215	200	146	168	102
acres, 1997	2 771	5 752	12 646	16 105	25 237	13 479	4 601	6 546
1992	2 271	7 232	10 503	14 794	26 240	16 868	6 163	3 931
Land in house lots, ponds, roads, wasteland, etc. ..... farms, 1997	467	527	900	665	488	545	524	643
1992	614	566	1 067	683	490	715	616	781
acres, 1997	14 069	10 077	31 599	20 118	19 167	16 227	9 200	18 156
1992	13 716	8 737	30 745	18 997	21 074	16 119	8 205	17 579
Pastureland, all types ..... farms, 1997	134	311	658	566	490	308	328	437
1992	185	364	784	601	541	414	412	501
acres, 1997	6 357	16 737	42 426	48 503	93 988	23 689	13 890	25 800
1992	6 300	17 884	47 366	53 544	108 433	32 443	17 942	25 523
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms, 1997	130	161	180	387	351	116	93	170
1992	102	83	126	277	303	117	65	119
acres, 1997	5 300	8 756	10 009	36 991	43 394	3 555	3 847	9 871
1992	3 440	3 873	7 092	26 159	38 848	4 945	3 934	7 150

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
LAND IN FARMS ACCORDING TO USE								
Total cropland ..... farms, 1997..	1 509	871	1 066	696	617	740	727	1 092
1992..	1 646	913	1 179	690	612	685	714	1 109
acres, 1997..	452 956	316 839	347 809	228 964	168 866	171 564	159 991	219 996
1992..	452 658	306 862	356 110	219 727	174 743	169 302	150 251	233 679
Harvested cropland ..... farms, 1997..	1 432	837	940	556	506	622	606	953
1992..	1 597	892	1 132	635	562	636	659	1 033
acres, 1997..	432 087	304 609	300 427	147 591	106 685	114 335	118 662	165 153
1992..	416 245	283 490	297 407	140 091	109 504	108 272	112 143	166 704
Cropland used only for pasture or grazing ..... farms, 1997..	382	160	397	355	341	360	348	483
1992..	417	206	476	378	343	362	302	561
acres, 1997..	12 586	4 427	25 664	43 436	41 141	35 055	26 071	35 916
1992..	13 523	6 456	27 800	43 409	39 027	35 627	21 259	43 624
Other cropland ..... farms, 1997..	203	214	357	325	236	283	255	362
1992..	821	559	649	397	317	355	331	463
acres, 1997..	8 283	7 803	21 718	37 937	21 040	22 174	15 258	18 927
1992..	22 890	16 916	30 903	36 227	26 212	25 403	16 849	23 351
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms, 1997..	88	102	198	203	123	162	139	200
1992..	195	195	269	221	170	198	159	251
acres, 1997..	3 192	2 316	10 200	20 866	10 569	9 982	7 674	9 795
1992..	4 113	5 134	10 887	18 279	13 324	12 964	7 375	12 181
Cropland on which all crops failed ..... farms, 1997..	16	16	20	6	7	7	9	17
1992..	19	14	45	30	23	11	13	27
acres, 1997..	246	(D)	620	165	136	54	116	256
1992..	465	109	1 367	928	827	280	154	573
Cropland in cultivated summer fallow ..... farms, 1997..	10	6	14	7	5	4	6	7
1992..	19	10	14	10	9	9	10	12
acres, 1997..	775	(D)	376	420	108	230	124	116
1992..	862	194	875	305	508	302	604	515
Cropland idle ..... farms, 1997..	108	116	169	141	129	140	130	182
1992..	658	408	446	196	205	197	197	257
acres, 1997..	4 070	4 762	10 522	16 486	10 227	11 908	7 344	8 760
1992..	17 450	11 479	17 774	16 715	11 553	11 857	8 716	10 082
Total woodland ..... farms, 1997..	59	160	272	207	147	454	369	492
1992..	70	172	346	190	189	400	348	427
acres, 1997..	1 605	6 308	13 054	11 561	8 401	42 363	19 838	23 369
1992..	1 407	6 666	16 195	10 581	11 297	35 970	18 412	18 131
Woodland pastured ..... farms, 1997..	24	68	143	99	88	251	186	252
1992..	22	75	206	107	112	232	202	235
acres, 1997..	525	3 249	5 727	3 444	4 706	19 271	8 007	10 875
1992..	460	3 946	9 383	6 274	7 717	18 563	8 906	8 162
Woodland not pastured ..... farms, 1997..	39	114	178	146	81	315	251	308
1992..	51	113	201	120	92	264	209	261
acres, 1997..	1 080	3 059	7 327	8 117	3 695	23 092	11 831	12 494
1992..	947	2 720	6 812	4 307	3 580	17 407	9 506	9 969
Other land ..... farms, 1997..	1 234	662	840	586	513	615	614	988
1992..	1 519	728	953	592	550	584	592	994
acres, 1997..	38 995	17 738	35 357	50 972	47 867	43 300	28 384	56 470
1992..	41 704	17 683	29 553	48 614	50 225	36 150	26 358	50 677
Pastureland and rangeland other than cropland and woodland pastured ..... farms, 1997..	224	134	227	213	221	270	214	396
1992..	244	161	241	221	245	279	233	432
acres, 1997..	16 198	6 180	13 073	28 520	34 760	26 693	13 114	34 622
1992..	21 554	5 914	11 210	27 765	36 412	24 222	16 356	31 931
Land in house lots, ponds, roads, wasteland, etc. ..... farms, 1997..	1 154	627	789	536	454	575	578	903
1992..	1 416	704	911	553	492	517	545	905
acres, 1997..	22 797	11 558	22 284	22 452	13 107	16 607	15 270	21 848
1992..	20 150	11 769	18 343	20 849	13 813	11 928	10 002	18 746
Pastureland, all types ..... farms, 1997..	577	302	575	511	502	584	507	818
1992..	626	380	674	528	532	560	501	881
acres, 1997..	29 309	13 856	44 464	75 400	80 607	81 019	47 192	81 413
1992..	35 537	16 316	48 393	77 448	83 156	78 412	46 521	83 717
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms, 1997..	136	174	346	366	284	331	256	366
1992..	112	142	233	298	190	248	166	256
acres, 1997..	5 626	5 457	25 389	45 959	29 003	30 415	17 824	24 848
1992..	4 636	6 322	16 795	31 389	19 393	20 892	13 189	15 588

See footnotes at end of table.

Table 6. **Farms, Land in Farms, Value of Land and Buildings, and Land Use: 1997 and 1992**—Con.

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

All farms	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
LAND IN FARMS ACCORDING TO USE								
Total cropland ..... farms, 1997..	952	685	884	562	1 320	1 181	555	664
1992..	956	670	971	605	1 364	1 123	589	760
acres, 1997..	273 784	218 755	385 884	226 547	286 614	427 501	209 352	329 787
1992..	267 495	230 344	379 412	216 521	284 228	386 499	209 339	333 393
Harvested cropland ..... farms, 1997..	851	576	849	510	1 116	1 015	498	641
1992..	916	618	949	584	1 273	1 032	562	744
acres, 1997..	234 397	129 229	374 565	214 360	230 401	365 559	196 909	318 484
1992..	223 302	126 823	357 814	197 469	221 182	310 103	187 748	312 831
Cropland used only for pasture or grazing ..... farms, 1997..	338	421	125	80	632	432	119	73
1992..	397	443	145	118	731	434	155	90
acres, 1997..	17 550	56 200	5 266	2 136	29 935	29 921	3 721	2 942
1992..	17 727	64 376	6 266	2 361	34 378	32 043	4 672	2 718
Other cropland ..... farms, 1997..	361	275	159	165	425	394	145	164
1992..	540	373	594	400	555	678	402	508
acres, 1997..	21 837	33 326	6 053	10 051	26 278	32 021	8 722	8 361
1992..	26 466	39 145	15 332	16 691	28 668	44 353	16 919	17 844
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms, 1997..	216	152	87	73	199	192	59	53
1992..	293	197	172	132	205	242	151	159
acres, 1997..	11 483	17 165	4 246	4 666	9 126	14 020	3 127	1 850
1992..	13 072	19 689	4 673	5 713	10 505	12 814	6 191	5 057
Cropland on which all crops failed ..... farms, 1997..	9	14	7	6	9	10	4	26
1992..	23	34	14	25	28	3	12	17
acres, 1997..	(D)	295	38	84	223	210	(D)	820
1992..	518	1 252	86	653	1 531	62	220	422
Cropland in cultivated summer fallow ..... farms, 1997..	1	14	4	9	16	8	2	7
1992..	17	16	12	13	16	22	7	8
acres, 1997..	(D)	1 123	342	164	1 259	687	(D)	148
1992..	461	1 168	439	268	701	2 578	411	145
Cropland idle ..... farms, 1997..	169	146	65	91	238	224	86	94
1992..	315	213	457	300	370	549	280	395
acres, 1997..	10 184	14 743	1 427	5 137	15 670	17 104	5 524	5 543
1992..	12 415	17 036	10 134	10 057	15 931	28 899	10 097	12 220
Total woodland ..... farms, 1997..	371	229	163	88	676	227	112	62
1992..	353	207	148	87	715	197	123	89
acres, 1997..	17 003	14 951	11 103	1 457	35 718	14 054	3 608	2 624
1992..	16 601	12 320	9 933	2 009	36 924	11 492	2 653	3 620
Woodland pastured ..... farms, 1997..	142	116	76	41	343	135	54	15
1992..	172	124	72	37	407	105	45	31
acres, 1997..	5 322	6 481	6 055	513	18 297	9 788	1 449	487
1992..	8 421	8 327	5 273	819	19 855	8 147	1 534	1 019
Woodland not pastured ..... farms, 1997..	293	152	100	63	505	117	69	51
1992..	256	112	88	60	499	112	91	70
acres, 1997..	11 681	8 470	5 048	944	17 421	4 266	2 159	2 137
1992..	8 180	3 993	4 660	1 190	17 069	3 345	1 119	2 601
Other land ..... farms, 1997..	807	571	559	421	1 110	926	419	476
1992..	838	569	683	478	1 134	919	490	614
acres, 1997..	26 912	52 706	15 654	13 596	38 446	55 686	14 938	17 264
1992..	25 412	40 059	19 117	13 447	36 532	44 256	12 640	16 670
Pastureland and rangeland other than cropland and woodland pastured ..... farms, 1997..	214	217	66	73	401	275	96	70
1992..	253	193	105	71	425	289	104	94
acres, 1997..	8 113	33 243	3 731	2 478	17 730	26 100	3 405	2 898
1992..	11 039	26 119	7 736	3 488	18 317	21 276	3 334	3 060
Land in house lots, ponds, roads, wasteland, etc. ..... farms, 1997..	758	531	534	409	1 027	862	402	463
1992..	778	520	643	462	1 041	835	467	589
acres, 1997..	18 799	19 463	11 923	11 118	20 716	29 586	11 533	14 366
1992..	14 373	13 940	11 381	9 959	18 215	22 980	9 306	13 610
Pastureland, all types ..... farms, 1997..	513	538	245	147	944	677	225	137
1992..	595	563	282	194	1 057	690	246	183
acres, 1997..	30 985	95 924	15 052	5 127	65 962	65 809	8 575	6 327
1992..	37 187	98 822	19 275	6 668	72 550	61 466	9 540	6 797
Land under Conservation Reserve or Wetlands Reserve Programs ..... farms, 1997..	359	335	139	179	469	401	185	149
1992..	212	263	101	155	328	270	155	141
acres, 1997..	24 825	45 839	3 719	11 125	30 713	39 202	9 400	5 933
1992..	13 666	33 314	4 244	9 020	22 624	30 944	9 971	7 447

[1]Data are based on a sample of farms.

Table 7. **Harvested Cropland by Size of Farm and Acres Harvested: 1997 and 1992**

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

Farms with harvested cropland	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Farms.....number, 1997	**74 951**	**653**	**444**	**712**	**623**	**543**	**1 024**
1992	**84 009**	**759**	**544**	**846**	**699**	**635**	**1 158**
acres harvested, 1997	**23 323 249**	**214 279**	**125 377**	**135 640**	**98 611**	**217 639**	**341 149**
1992	**22 826 308**	**201 988**	**124 077**	**143 265**	**96 528**	**197 846**	**337 633**
HARVESTED CROPLAND BY SIZE OF FARM							
1997 size of farm:							
1 to 9 acres ..... farms	1 380	2	5	4	2	13	28
acres harvested	5 064	(D)	20	13	(D)	51	92
10 to 49 acres ..... farms	7 094	42	31	52	58	36	109
acres harvested	115 812	832	506	770	1 135	616	1 897
50 to 69 acres ..... farms	2 044	12	7	10	20	16	29
acres harvested	72 319	448	253	380	536	572	1 042
70 to 99 acres ..... farms	4 876	44	31	22	66	26	60
acres harvested	265 728	1 873	1 165	837	2 698	1 475	3 364
100 to 139 acres ..... farms	5 109	35	28	60	50	23	54
acres harvested	397 441	2 152	1 843	3 626	2 339	1 628	4 367
140 to 179 acres ..... farms	6 940	62	31	66	67	48	98
acres harvested	793 781	5 926	1 810	4 881	4 212	5 549	11 481
180 to 219 acres ..... farms	4 639	29	28	69	51	30	61
acres harvested	645 279	2 768	2 404	7 612	3 970	3 253	9 576
220 to 259 acres ..... farms	4 663	40	22	60	49	33	62
acres harvested	806 561	5 788	2 319	7 600	4 587	6 198	12 421
260 to 499 acres ..... farms	17 734	159	105	199	112	135	235
acres harvested	4 947 871	35 440	18 761	38 747	16 304	38 036	70 591
500 to 999 acres ..... farms	14 619	151	110	133	111	130	203
acres harvested	8 117 097	71 488	46 372	42 921	32 819	76 025	121 843
1,000 to 1,999 acres ..... farms	5 084	64	37	32	28	41	79
acres harvested	5 426 441	59 298	34 653	23 418	18 662	45 396	90 032
2,000 acres or more ..... farms	769	13	9	5	9	12	6
acres harvested	1 729 855	(D)	15 271	4 835	(D)	38 840	14 443
1992 size of farm:							
1 to 9 acres ..... farms	1 463	4	6	9	4	10	16
acres harvested	4 927	15	22	32	14	45	50
10 to 49 acres ..... farms	6 931	53	29	45	74	38	97
acres harvested	117 201	1 154	443	919	1 265	540	1 646
50 to 69 acres ..... farms	2 273	12	7	12	31	13	25
acres harvested	81 315	485	160	426	810	566	873
70 to 99 acres ..... farms	5 585	53	36	42	64	36	73
acres harvested	302 584	2 200	1 364	1 826	2 147	1 699	4 194
100 to 139 acres ..... farms	6 059	39	41	75	72	42	58
acres harvested	466 445	2 199	2 630	4 903	3 405	3 459	5 054
140 to 179 acres ..... farms	8 353	71	51	76	45	52	119
acres harvested	941 478	6 660	4 323	5 044	2 882	5 145	14 304
180 to 219 acres ..... farms	5 414	33	26	77	64	44	71
acres harvested	741 217	3 640	2 854	7 891	4 090	6 308	10 502
220 to 259 acres ..... farms	5 865	59	40	72	46	38	101
acres harvested	987 033	8 068	5 456	8 439	3 649	5 927	19 066
260 to 499 acres ..... farms	21 642	214	140	262	131	176	317
acres harvested	5 866 210	48 679	25 077	45 590	20 362	46 158	91 945
500 to 999 acres ..... farms	15 713	165	130	130	141	141	225
acres harvested	8 180 365	72 477	49 954	38 285	37 868	72 708	128 748
1,000 to 1,999 acres ..... farms	4 222	48	34	40	21	38	53
acres harvested	4 175 392	40 614	27 594	22 963	12 038	39 414	54 710
2,000 acres or more ..... farms	489	8	4	6	6	7	3
acres harvested	962 141	15 797	4 200	6 947	7 998	15 877	6 541
HARVESTED CROPLAND BY ACRES HARVESTED							
1997 acres harvested:							
1 to 9 acres ..... farms	4 587	26	24	35	20	24	72
acres	22 534	155	116	180	108	120	312
10 to 19 acres ..... farms	3 768	31	37	32	51	24	49
acres	50 236	448	491	461	673	298	635
20 to 29 acres ..... farms	2 604	21	16	43	38	19	22
acres	60 762	501	371	988	930	434	519
30 to 49 acres ..... farms	4 263	44	37	51	112	21	61
acres	161 011	1 621	1 438	1 944	4 179	777	2 287
50 to 99 acres ..... farms	8 807	71	62	107	125	48	112
acres	638 400	4 861	4 473	7 672	8 488	3 342	8 242
100 to 199 acres ..... farms	14 539	132	78	200	132	95	170
acres	2 100 089	19 120	10 918	28 959	18 153	13 514	24 960
200 to 499 acres ..... farms	21 216	198	113	198	102	169	298
acres	6 864 110	64 343	36 628	59 224	30 500	54 251	96 831
500 to 999 acres ..... farms	11 290	94	55	37	36	105	177
acres	7 721 915	66 254	38 908	23 969	24 471	71 809	121 108
1,000 acres or more ..... farms	3 877	36	22	9	7	38	63
acres	5 704 192	56 976	32 034	12 243	11 109	73 094	86 255
1992 acres harvested:							
1 to 9 acres ..... farms	4 623	31	23	40	37	36	53
acres	22 779	183	120	199	203	181	263
10 to 19 acres ..... farms	3 894	34	29	42	74	17	54
acres	52 697	498	377	622	1 013	208	738
20 to 29 acres ..... farms	2 817	33	28	36	68	20	34
acres	66 251	757	705	849	1 540	459	779
30 to 49 acres ..... farms	4 866	50	38	63	77	32	44
acres	185 026	1 904	1 409	2 454	2 810	1 271	1 692
50 to 99 acres ..... farms	10 614	88	85	162	152	65	118
acres	770 697	6 441	6 181	11 720	10 401	4 756	8 776
100 to 199 acres ..... farms	17 867	159	134	267	132	137	250
acres	2 580 998	23 071	19 257	38 528	18 278	20 051	37 053
200 to 499 acres ..... farms	25 995	260	140	192	131	204	399
acres	8 333 225	80 835	44 734	55 982	39 435	66 551	127 545
500 to 999 acres ..... farms	10 736	80	53	37	22	96	173
acres	7 222 728	53 420	33 945	23 623	14 011	62 497	117 723
1,000 acres or more ..... farms	2 597	24	14	7	6	28	33
acres	3 591 907	34 879	17 349	9 288	8 837	41 872	43 064

Table 7. **Harvested Cropland by Size of Farm and Acres Harvested: 1997 and 1992**—Con.

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

Farms with harvested cropland	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Farms.....number, 1997..	**873**	**756**	**822**	**971**	**765**	**906**	**734**
1992..	**977**	**831**	**916**	**1 054**	**857**	**962**	**806**
acres harvested, 1997..	**252 852**	**283 902**	**200 037**	**285 548**	**315 405**	**270 635**	**306 400**
1992..	**257 277**	**278 180**	**195 242**	**274 972**	**294 236**	**254 452**	**304 854**
HARVESTED CROPLAND BY SIZE OF FARM							
1997 size of farm:							
1 to 9 acres ..... farms..	23	23	19	15	7	18	16
acres harvested..	81	75	61	60	26	73	62
10 to 49 acres ..... farms..	132	95	117	104	40	108	65
acres harvested..	2 405	1 686	2 112	1 888	741	1 637	1 564
50 to 69 acres ..... farms..	30	21	28	36	10	21	24
acres harvested..	1 204	870	1 046	1 465	320	791	1 069
70 to 99 acres ..... farms..	80	46	61	92	45	61	49
acres harvested..	5 070	2 518	4 070	5 634	2 907	3 884	3 266
100 to 139 acres..... farms..	71	44	96	111	28	75	31
acres harvested..	6 590	3 950	8 972	9 603	2 603	6 527	3 126
140 to 179 acres..... farms..	77	63	94	109	63	82	65
acres harvested..	10 587	7 392	11 340	13 466	9 082	10 522	9 502
180 to 219 acres..... farms..	46	48	68	53	25	60	26
acres harvested..	7 954	7 854	11 324	8 210	4 288	9 612	4 860
220 to 259 acres..... farms..	43	28	55	52	55	69	38
acres harvested..	9 145	5 475	10 614	10 814	11 928	13 409	8 132
260 to 499 acres..... farms..	190	157	157	185	222	231	154
acres harvested..	60 511	51 408	48 363	59 260	73 984	72 413	52 105
500 to 999 acres..... farms..	129	156	95	155	215	123	189
acres harvested..	82 678	97 835	56 266	93 882	131 941	71 699	121 556
1,000 to 1,999 acres ..... farms..	49	65	29	49	47	52	67
acres harvested..	57 803	78 115	36 869	58 925	55 229	62 085	79 536
2,000 acres or more..... farms..	3	10	3	10	8	6	10
acres harvested..	8 824	26 724	9 000	22 341	22 356	17 983	21 622
1992 size of farm:							
1 to 9 acres ..... farms..	43	26	19	14	15	19	9
acres harvested..	(D)	82	65	68	(D)	83	33
10 to 49 acres ..... farms..	138	78	112	96	38	84	48
acres harvested..	2 470	1 171	2 092	1 747	617	1 345	941
50 to 69 acres ..... farms..	40	24	27	27	7	13	11
acres harvested..	1 662	972	1 236	1 152	330	456	525
70 to 99 acres ..... farms..	86	63	93	106	52	75	45
acres harvested..	5 397	3 553	5 993	6 350	3 451	4 353	3 179
100 to 139 acres..... farms..	68	73	103	141	30	72	43
acres harvested..	6 228	5 817	8 665	11 927	2 861	6 132	4 243
140 to 179 acres..... farms..	94	67	123	123	85	103	74
acres harvested..	12 620	7 976	15 904	15 002	11 433	12 731	10 011
180 to 219 acres..... farms..	54	43	68	59	40	70	43
acres harvested..	9 539	7 138	10 741	9 243	6 786	11 518	7 116
220 to 259 acres..... farms..	41	40	71	49	72	86	46
acres harvested..	8 205	7 410	13 107	9 441	14 370	15 329	9 188
260 to 499 acres..... farms..	219	180	193	224	267	258	216
acres harvested..	66 939	55 791	58 287	66 036	86 275	79 098	69 770
500 to 999 acres..... farms..	145	168	82	165	213	150	213
acres harvested..	86 988	100 671	46 982	93 311	122 812	84 593	129 086
1,000 to 1,999 acres ..... farms..	47	59	22	47	36	29	52
acres harvested..	53 114	65 140	24 914	53 734	39 059	32 632	58 688
2,000 acres or more..... farms..	2	10	3	3	2	3	6
acres harvested..	(D)	22 459	7 256	6 961	(D)	6 182	12 074
HARVESTED CROPLAND BY ACRES HARVESTED							
1997 acres harvested:							
1 to 9 acres ..... farms..	69	67	63	52	23	70	29
acres..	331	327	316	284	94	363	132
10 to 19 acres ..... farms..	49	32	35	38	18	38	13
acres..	637	427	488	518	232	507	195
20 to 29 acres ..... farms..	26	27	28	27	7	20	26
acres..	618	658	646	643	155	451	563
30 to 49 acres ..... farms..	61	39	51	57	18	46	32
acres..	2 276	1 500	1 900	2 213	658	1 798	1 191
50 to 99 acres ..... farms..	110	74	130	184	58	102	63
acres..	7 954	5 493	9 666	13 341	4 402	7 472	4 419
100 to 199 acres..... farms..	161	120	205	195	106	187	119
acres..	23 401	17 625	29 465	28 439	15 635	27 174	17 259
200 to 499 acres..... farms..	230	201	207	235	321	301	213
acres..	73 803	69 153	65 158	75 930	108 197	97 331	71 528
500 to 999 acres..... farms..	125	128	75	135	170	91	172
acres..	86 255	89 059	50 410	91 260	116 793	61 889	118 605
1,000 acres or more..... farms..	42	68	28	48	44	51	67
acres..	57 577	99 660	41 988	72 920	69 239	73 650	92 508
1992 acres harvested:							
1 to 9 acres ..... farms..	87	65	57	47	31	54	27
acres..	415	296	313	274	127	285	131
10 to 19 acres ..... farms..	50	48	49	36	15	36	14
acres..	696	626	643	501	206	466	205
20 to 29 acres ..... farms..	35	16	23	22	7	30	12
acres..	863	374	547	523	163	699	278
30 to 49 acres ..... farms..	64	37	54	68	13	42	26
acres..	2 444	1 428	2 014	2 664	517	1 650	1 075
50 to 99 acres ..... farms..	118	98	159	211	72	115	62
acres..	8 525	6 900	12 006	15 387	5 283	8 553	4 602
100 to 199 acres..... farms..	189	145	252	226	153	225	152
acres..	27 135	21 280	36 201	31 747	22 378	33 969	22 336
200 to 499 acres..... farms..	276	226	245	272	378	342	288
acres..	88 128	76 052	77 177	87 460	124 787	112 358	97 159
500 to 999 acres..... farms..	123	153	59	133	161	97	188
acres..	83 997	106 046	40 185	85 385	105 004	67 282	127 641
1,000 acres or more..... farms..	35	43	18	39	27	21	37
acres..	45 074	65 178	26 156	51 031	35 771	29 190	51 427

Table 7. **Harvested Cropland by Size of Farm and Acres Harvested: 1997 and 1992**—Con.

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

Farms with harvested cropland	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Farms.....number, 1997..	**967**	**677**	**812**	**694**	**777**	**789**	**505**
1992..	**1 062**	**790**	**956**	**737**	**875**	**880**	**569**
acres harvested, 1997..	**302 918**	**237 766**	**264 890**	**264 004**	**265 149**	**223 329**	**81 284**
1992..	**300 794**	**243 861**	**269 143**	**265 436**	**262 066**	**216 787**	**90 864**
HARVESTED CROPLAND BY SIZE OF FARM							
1997 size of farm:							
1 to 9 acres ..... farms..	24	11	15	9	7	15	5
acres harvested..	78	43	46	34	26	75	23
10 to 49 acres ..... farms..	60	51	76	102	50	77	45
acres harvested..	1 100	918	1 026	1 255	1 094	1 600	771
50 to 69 acres ..... farms..	14	17	19	12	17	22	11
acres harvested..	685	564	573	569	622	780	269
70 to 99 acres ..... farms..	46	40	45	42	46	59	36
acres harvested..	3 334	2 366	2 671	2 387	2 847	3 568	1 180
100 to 139 acres..... farms..	61	37	59	26	27	74	40
acres harvested..	5 777	2 743	4 482	2 370	2 326	6 146	1 763
140 to 179 acres..... farms..	105	53	82	56	62	75	36
acres harvested..	13 850	4 756	10 050	7 290	8 209	8 801	2 191
180 to 219 acres..... farms..	74	32	54	26	50	52	40
acres harvested..	12 853	3 772	7 865	4 370	8 256	7 970	3 170
220 to 259 acres..... farms..	71	44	54	37	43	36	34
acres harvested..	14 336	7 040	10 672	7 906	8 796	6 348	2 984
260 to 499 acres..... farms..	290	138	170	167	242	207	135
acres harvested..	92 080	34 622	52 578	54 739	74 350	61 504	17 257
500 to 999 acres..... farms..	185	170	183	154	177	132	79
acres harvested..	109 702	91 171	106 549	95 288	95 776	75 830	24 944
1,000 to 1,999 acres ..... farms..	33	78	49	55	52	37	37
acres harvested..	37 380	79 852	55 235	66 199	54 061	43 177	20 516
2,000 acres or more..... farms..	4	6	6	8	4	3	7
acres harvested..	11 743	9 919	13 143	21 597	8 786	7 530	6 216
1992 size of farm:							
1 to 9 acres ..... farms..	18	7	17	16	8	19	7
acres harvested..	54	19	60	45	(D)	(D)	19
10 to 49 acres ..... farms..	65	54	69	69	43	76	31
acres harvested..	1 127	924	1 095	846	832	1 448	495
50 to 69 acres ..... farms..	13	26	27	13	25	27	14
acres harvested..	632	1 006	939	534	1 092	942	336
70 to 99 acres ..... farms..	51	40	57	44	60	67	34
acres harvested..	3 497	2 306	3 457	3 037	3 762	3 691	1 059
100 to 139 acres..... farms..	80	54	62	37	37	87	45
acres harvested..	8 091	4 053	5 279	3 687	3 339	6 732	2 310
140 to 179 acres..... farms..	127	61	109	60	74	94	57
acres harvested..	16 785	6 390	13 338	8 185	9 839	11 612	4 163
180 to 219 acres..... farms..	70	37	64	33	56	67	37
acres harvested..	11 647	4 694	9 638	5 271	9 072	10 236	2 905
220 to 259 acres..... farms..	86	57	70	43	65	51	37
acres harvested..	17 302	8 913	13 010	8 724	12 403	8 926	2 971
260 to 499 acres..... farms..	340	196	262	206	286	235	169
acres harvested..	101 475	50 368	77 506	66 701	88 162	66 616	22 329
500 to 999 acres..... farms..	173	188	179	163	180	121	96
acres harvested..	95 582	95 319	100 488	97 692	95 938	65 636	27 401
1,000 to 1,999 acres ..... farms..	36	65	37	43	40	34	37
acres harvested..	37 894	60 819	38 823	48 136	35 844	36 733	20 682
2,000 acres or more..... farms..	3	5	3	10	1	2	5
acres harvested..	6 708	9 050	5 510	22 578	(D)	(D)	6 194
HARVESTED CROPLAND BY ACRES HARVESTED							
1997 acres harvested:							
1 to 9 acres ..... farms..	46	26	62	59	20	34	26
acres..	196	128	310	293	91	192	158
10 to 19 acres ..... farms..	24	28	38	36	15	39	43
acres..	321	357	481	449	190	537	576
20 to 29 acres ..... farms..	13	25	24	25	24	29	48
acres..	312	622	558	573	560	674	1 077
30 to 49 acres ..... farms..	25	37	29	17	28	44	52
acres..	923	1 447	1 078	616	1 030	1 633	1 897
50 to 99 acres ..... farms..	83	84	69	56	62	108	98
acres..	6 265	5 902	4 928	4 104	4 398	7 797	6 921
100 to 199 acres..... farms..	222	120	163	98	143	164	115
acres..	32 850	17 084	23 628	14 362	21 642	23 758	16 218
200 to 499 acres..... farms..	376	176	246	212	316	250	87
acres..	121 342	58 620	81 346	71 152	103 658	83 154	27 943
500 to 999 acres..... farms..	147	134	141	140	137	86	31
acres..	95 771	91 240	96 357	95 378	88 696	58 456	20 191
1,000 acres or more..... farms..	31	47	40	51	32	35	5
acres..	44 938	62 366	56 204	77 077	44 884	47 128	6 303
1992 acres harvested:							
1 to 9 acres ..... farms..	39	29	55	53	23	51	29
acres..	174	153	278	247	105	246	143
10 to 19 acres ..... farms..	25	25	34	23	11	36	42
acres..	324	328	457	315	139	476	559
20 to 29 acres ..... farms..	16	15	28	7	19	37	39
acres..	354	353	664	158	446	877	886
30 to 49 acres ..... farms..	24	48	30	19	27	41	70
acres..	855	1 833	1 142	714	1 062	1 588	2 615
50 to 99 acres ..... farms..	90	98	93	63	87	125	112
acres..	6 798	6 996	6 921	4 545	6 069	9 066	7 914
100 to 199 acres..... farms..	282	165	226	127	190	204	140
acres..	40 963	23 504	32 769	18 378	28 031	30 427	19 995
200 to 499 acres..... farms..	434	239	326	267	374	278	102
acres..	135 492	77 059	102 861	88 392	121 989	87 045	31 619
500 to 999 acres..... farms..	126	140	139	140	125	87	31
acres..	81 143	93 735	91 840	94 857	80 994	59 114	19 859
1,000 acres or more..... farms..	26	31	25	38	19	21	4
acres..	34 691	39 900	32 211	57 830	23 231	27 948	7 274

Table 7. **Harvested Cropland by Size of Farm and Acres Harvested: 1997 and 1992**—Con.

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

Farms with harvested cropland	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Farms.....number, 1997	**579**	**1 296**	**1 042**	**910**	**754**	**690**	**519**
1992	**696**	**1 393**	**1 174**	**1 071**	**835**	**781**	**521**
acres harvested, 1997	**244 994**	**273 022**	**290 935**	**325 709**	**263 751**	**110 732**	**88 999**
1992	**261 925**	**264 033**	**284 080**	**292 233**	**249 068**	**112 533**	**84 629**
HARVESTED CROPLAND BY SIZE OF FARM							
1997 size of farm:							
1 to 9 acres ..... farms	12	28	30	15	22	5	3
acres harvested	39	100	(D)	58	74	16	12
10 to 49 acres ..... farms	39	92	100	78	121	62	63
acres harvested	677	1 630	1 704	1 240	1 889	1 041	1 041
50 to 69 acres ..... farms	5	39	37	14	38	32	11
acres harvested	232	1 233	1 421	508	1 418	745	173
70 to 99 acres ..... farms	28	70	67	51	63	56	35
acres harvested	1 917	3 573	4 214	2 609	3 399	1 839	1 139
100 to 139 acres ..... farms	28	120	73	58	59	79	34
acres harvested	2 499	8 792	6 292	4 763	4 356	3 958	1 722
140 to 179 acres ..... farms	62	125	92	85	49	61	43
acres harvested	8 444	12 121	11 446	9 732	4 885	3 391	2 539
180 to 219 acres ..... farms	24	119	85	46	27	49	20
acres harvested	3 874	13 972	12 951	6 940	4 121	3 771	1 784
220 to 259 acres ..... farms	31	123	71	53	39	61	29
acres harvested	5 755	18 097	13 692	8 806	7 682	5 964	2 859
260 to 499 acres ..... farms	132	345	237	220	114	135	124
acres harvested	43 424	77 728	67 737	61 782	33 004	18 089	15 628
500 to 999 acres ..... farms	148	187	200	210	135	105	105
acres harvested	88 995	87 362	111 323	118 743	81 717	35 770	26 924
1,000 to 1,999 acres ..... farms	64	45	48	64	71	35	44
acres harvested	74 726	43 914	54 873	67 176	80 860	23 849	23 590
2,000 acres or more ..... farms	6	3	2	16	16	10	8
acres harvested	14 412	4 500	(D)	43 352	40 346	12 299	11 588
1992 size of farm:							
1 to 9 acres ..... farms	11	12	28	10	34	9	–
acres harvested	32	(D)	(D)	42	120	16	–
10 to 49 acres ..... farms	45	80	90	96	134	64	28
acres harvested	790	1 447	1 294	1 644	2 111	919	420
50 to 69 acres ..... farms	10	27	29	21	30	36	9
acres harvested	357	769	1 172	854	992	824	210
70 to 99 acres ..... farms	36	76	85	59	75	66	42
acres harvested	2 136	3 705	5 280	3 265	3 949	2 232	1 344
100 to 139 acres ..... farms	26	128	87	78	54	86	37
acres harvested	2 335	8 240	6 888	6 285	4 056	4 263	1 592
140 to 179 acres ..... farms	69	146	117	110	66	79	49
acres harvested	8 837	13 163	14 017	12 595	7 478	4 658	2 958
180 to 219 acres ..... farms	36	133	111	76	42	65	30
acres harvested	5 660	15 733	17 557	9 820	6 110	4 917	2 367
220 to 259 acres ..... farms	43	152	103	76	33	55	34
acres harvested	8 311	21 441	19 376	12 336	5 405	4 419	2 304
260 to 499 acres ..... farms	183	408	307	278	149	158	132
acres harvested	57 757	89 121	85 927	76 275	42 790	23 631	16 764
500 to 999 acres ..... farms	179	196	183	206	151	114	109
acres harvested	104 816	80 137	98 854	102 374	86 669	32 160	25 431
1,000 to 1,999 acres ..... farms	53	33	33	52	56	42	43
acres harvested	61 200	26 733	32 224	49 091	63 854	25 473	21 663
2,000 acres or more ..... farms	5	2	1	9	11	7	8
acres harvested	9 694	(D)	(D)	17 652	25 534	9 021	9 576
HARVESTED CROPLAND BY ACRES HARVESTED							
1997 acres harvested:							
1 to 9 acres ..... farms	31	88	81	55	67	39	32
acres	152	411	406	276	311	204	172
10 to 19 acres ..... farms	15	56	45	31	69	64	47
acres	200	785	581	434	916	863	591
20 to 29 acres ..... farms	5	55	27	25	37	59	37
acres	111	1 340	612	590	876	1 395	863
30 to 49 acres ..... farms	16	87	45	43	45	99	75
acres	570	3 296	1 682	1 623	1 677	3 865	2 802
50 to 99 acres ..... farms	34	210	132	80	100	149	86
acres	2 342	15 354	9 666	5 892	7 115	10 032	6 185
100 to 199 acres ..... farms	111	330	226	184	90	126	104
acres	15 759	47 186	33 627	26 298	12 602	16 939	14 028
200 to 499 acres ..... farms	186	340	295	271	151	100	99
acres	62 618	102 050	94 826	87 438	47 706	31 571	30 104
500 to 999 acres ..... farms	125	108	151	169	129	42	30
acres	85 267	72 834	97 612	114 070	87 247	29 083	20 037
1,000 acres or more ..... farms	56	22	40	52	66	12	9
acres	77 975	29 766	51 923	89 088	105 301	16 780	14 217
1992 acres harvested:							
1 to 9 acres ..... farms	31	60	77	52	90	49	27
acres	135	299	365	298	456	250	151
10 to 19 acres ..... farms	20	56	43	51	63	82	42
acres	287	794	611	676	834	1 133	570
20 to 29 acres ..... farms	15	56	31	22	48	66	36
acres	352	1 335	735	494	1 111	1 553	824
30 to 49 acres ..... farms	18	110	34	62	52	101	61
acres	704	4 323	1 337	2 349	1 850	3 854	2 331
50 to 99 acres ..... farms	47	229	161	119	98	185	113
acres	3 400	16 749	11 626	8 986	7 152	12 900	8 053
100 to 199 acres ..... farms	124	384	294	242	119	129	119
acres	17 735	55 138	43 952	33 932	16 673	17 668	16 546
200 to 499 acres ..... farms	247	412	393	368	198	125	88
acres	80 761	120 359	122 642	118 564	65 055	37 942	26 855
500 to 999 acres ..... farms	154	73	123	129	117	32	27
acres	103 831	48 067	81 965	87 109	80 022	21 175	17 715
1,000 acres or more ..... farms	40	13	18	26	50	12	8
acres	54 720	16 969	20 847	39 825	75 915	16 058	11 584

Table 7. **Harvested Cropland by Size of Farm and Acres Harvested: 1997 and 1992**—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, 1997	**1 114**	**556**	**424**	**1 273**	**425**	**1 085**	**724**	**751**
1992	**1 213**	**602**	**491**	**1 433**	**497**	**1 231**	**777**	**825**
acres harvested, 1997	**259 875**	**140 564**	**166 247**	**213 151**	**187 912**	**317 357**	**257 712**	**299 931**
1992	**259 480**	**139 979**	**164 037**	**223 921**	**188 176**	**301 257**	**235 754**	**294 828**
HARVESTED CROPLAND BY SIZE OF FARM								
1997 size of farm:								
1 to 9 acres ..... farms	18	14	8	23	6	27	12	15
acres harvested	(D)	58	(D)	(D)	(D)	117	40	55
10 to 49 acres ..... farms	76	85	40	112	28	91	82	55
acres harvested	1 173	1 338	820	1 718	455	1 661	1 448	820
50 to 69 acres ..... farms	19	20	9	41	9	25	19	22
acres harvested	754	560	343	1 716	502	1 051	592	945
70 to 99 acres ..... farms	50	41	23	91	12	62	51	37
acres harvested	3 257	1 961	1 471	5 213	796	3 966	3 424	2 457
100 to 139 acres ..... farms	108	51	13	118	15	81	47	44
acres harvested	9 977	3 416	1 009	9 711	1 375	7 012	4 176	4 409
140 to 179 acres ..... farms	170	35	35	188	25	123	71	64
acres harvested	21 460	3 417	4 585	20 563	3 126	15 087	9 071	8 711
180 to 219 acres ..... farms	132	40	16	163	17	65	44	43
acres harvested	21 686	5 178	2 522	23 357	2 776	10 042	7 048	7 377
220 to 259 acres ..... farms	96	34	23	125	23	83	47	34
acres harvested	18 707	5 950	4 511	21 294	4 683	15 949	9 382	7 183
260 to 499 acres ..... farms	306	116	109	302	102	288	142	176
acres harvested	89 934	33 201	34 494	70 285	33 391	84 309	45 851	58 423
500 to 999 acres ..... farms	106	87	107	97	148	174	144	180
acres harvested	58 288	48 552	65 349	44 322	92 090	97 497	88 891	116 053
1,000 to 1,999 acres ..... farms	32	30	39	11	38	58	57	77
acres harvested	32 556	31 711	46 211	11 650	44 540	65 837	65 364	84 671
2,000 acres or more ..... farms	1	3	2	2	2	8	8	4
acres harvested	(D)	5 222	(D)	(D)	(D)	14 829	22 425	8 827
1992 size of farm:								
1 to 9 acres ..... farms	22	17	9	26	6	14	11	8
acres harvested	71	(D)	(D)	(D)	(D)	(D)	24	(D)
10 to 49 acres ..... farms	72	79	52	108	25	88	80	56
acres harvested	1 167	1 447	948	1 704	326	1 556	1 230	863
50 to 69 acres ..... farms	25	30	6	46	8	36	27	17
acres harvested	921	740	131	1 734	415	1 536	977	537
70 to 99 acres ..... farms	57	27	27	95	19	82	54	41
acres harvested	3 080	1 445	1 904	5 115	1 042	5 202	3 346	2 886
100 to 139 acres ..... farms	112	55	18	145	22	106	68	52
acres harvested	10 074	3 406	1 236	11 476	1 939	8 514	5 754	5 165
140 to 179 acres ..... farms	188	57	41	237	53	166	66	67
acres harvested	24 028	5 492	5 193	26 497	6 577	19 290	8 192	8 922
180 to 219 acres ..... farms	150	53	19	208	14	103	24	47
acres harvested	22 476	7 617	2 560	29 470	2 039	14 507	3 919	7 672
220 to 259 acres ..... farms	133	32	30	146	24	95	52	47
acres harvested	25 034	5 018	5 838	24 722	5 008	16 427	10 128	9 433
260 to 499 acres ..... farms	310	132	145	321	143	310	194	232
acres harvested	86 607	34 715	44 792	73 976	44 581	83 930	60 104	73 540
500 to 999 acres ..... farms	119	87	114	88	152	183	152	207
acres harvested	62 050	44 460	67 168	37 667	89 347	97 348	89 391	126 383
1,000 to 1,999 acres ..... farms	25	32	29	12	29	47	46	49
acres harvested	23 972	32 456	32 247	9 615	32 987	51 406	48 112	54 142
2,000 acres or more ..... farms	–	1	1	1	2	1	3	2
acres harvested	–	(D)	(D)	(D)	(D)	(D)	4 577	(D)
HARVESTED CROPLAND BY ACRES HARVESTED								
1997 acres harvested:								
1 to 9 acres ..... farms	57	54	24	82	19	54	45	44
acres	302	262	123	409	(D)	253	198	211
10 to 19 acres ..... farms	33	37	11	59	10	45	30	18
acres	423	461	149	818	118	574	432	256
20 to 29 acres ..... farms	21	32	13	28	4	25	19	8
acres	479	717	296	639	(D)	580	466	201
30 to 49 acres ..... farms	35	49	15	72	13	53	38	21
acres	1 314	1 900	583	2 754	474	2 030	1 488	734
50 to 99 acres ..... farms	117	64	36	212	30	126	77	62
acres	8 935	4 682	2 559	15 753	2 266	9 353	5 753	4 532
100 to 199 acres ..... farms	382	93	67	478	48	257	139	135
acres	56 814	13 554	10 120	69 361	7 069	37 872	19 855	19 873
200 to 499 acres ..... farms	369	144	139	289	141	344	198	225
acres	112 738	47 979	46 471	83 397	47 970	110 282	66 132	73 304
500 to 999 acres ..... farms	79	63	85	47	129	130	128	178
acres	54 508	43 835	59 255	31 140	88 483	87 878	87 972	124 824
1,000 acres or more ..... farms	21	20	34	6	31	51	50	60
acres	24 362	27 174	46 691	8 880	41 368	68 535	75 416	75 996
1992 acres harvested:								
1 to 9 acres ..... farms	60	53	26	84	20	50	51	32
acres	295	216	114	407	88	214	250	156
10 to 19 acres ..... farms	37	45	16	55	13	35	37	19
acres	495	605	224	792	167	445	528	243
20 to 29 acres ..... farms	22	26	20	54	9	37	15	15
acres	544	614	470	1 261	210	898	341	355
30 to 49 acres ..... farms	43	47	20	70	12	65	39	15
acres	1 651	1 784	706	2 747	418	2 422	1 473	524
50 to 99 acres ..... farms	147	85	46	248	30	190	94	78
acres	11 100	6 414	3 479	18 632	2 058	14 032	6 987	6 021
100 to 199 acres ..... farms	429	109	68	570	82	342	129	154
acres	64 396	15 762	10 197	83 023	11 555	49 796	18 587	22 869
200 to 499 acres ..... farms	389	161	187	311	192	361	260	295
acres	117 330	51 499	62 057	87 626	64 880	113 340	86 322	95 769
500 to 999 acres ..... farms	76	55	88	36	118	118	122	180
acres	52 630	36 246	59 817	22 753	80 544	79 678	84 379	120 983
1,000 acres or more ..... farms	10	21	20	5	21	33	30	37
acres	11 039	26 839	26 973	6 680	28 256	40 432	36 887	47 908

Table 7. **Harvested Cropland by Size of Farm and Acres Harvested: 1997 and 1992**—Con.

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

Farms with harvested cropland	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Farms.....number, 1997	**495**	**679**	**678**	**656**	**705**	**748**	**742**	**746**
1992	**533**	**761**	**747**	**780**	**784**	**850**	**858**	**824**
acres harvested, 1997	**233 070**	**297 213**	**289 061**	**194 659**	**317 421**	**304 229**	**299 363**	**302 447**
1992	**230 305**	**306 071**	**280 902**	**206 313**	**290 657**	**289 686**	**280 091**	**294 151**
HARVESTED CROPLAND BY SIZE OF FARM								
1997 size of farm:								
1 to 9 acres ..... farms	4	15	13	6	16	12	19	10
acres harvested	13	65	44	23	59	38	52	41
10 to 49 acres ..... farms	31	43	56	57	57	41	76	77
acres harvested	527	809	841	869	1 013	726	1 674	1 141
50 to 69 acres ..... farms	7	15	6	25	8	7	19	14
acres harvested	172	523	192	851	340	270	705	496
70 to 99 acres ..... farms	28	43	46	38	50	34	35	31
acres harvested	1 597	2 769	2 979	1 861	3 289	2 234	2 373	1 872
100 to 139 acres ..... farms	29	34	35	54	31	33	53	48
acres harvested	1 868	3 118	3 454	3 402	2 955	3 161	5 217	3 932
140 to 179 acres ..... farms	40	44	67	52	49	92	44	58
acres harvested	3 827	5 787	9 724	4 849	6 736	13 089	5 770	6 177
180 to 219 acres ..... farms	23	31	29	42	39	33	34	31
acres harvested	2 790	5 247	5 480	4 877	6 712	5 182	5 847	4 285
220 to 259 acres ..... farms	22	32	34	32	44	59	39	33
acres harvested	4 334	6 212	7 086	4 006	9 690	12 185	7 580	5 822
260 to 499 acres ..... farms	93	154	182	150	157	187	169	177
acres harvested	24 589	50 397	61 690	32 239	53 356	62 748	53 983	49 504
500 to 999 acres ..... farms	117	192	138	136	172	184	176	165
acres harvested	63 229	120 657	87 414	71 331	108 498	120 659	110 869	94 683
1,000 to 1,999 acres ..... farms	81	64	60	53	66	61	70	85
acres harvested	82 126	74 357	72 328	50 204	80 488	73 397	81 395	93 233
2,000 acres or more ..... farms	20	12	12	11	16	5	8	17
acres harvested	47 998	27 272	37 829	20 147	44 285	10 540	23 898	41 261
1992 size of farm:								
1 to 9 acres ..... farms	7	6	20	15	11	14	21	9
acres harvested	20	24	105	50	31	(D)	64	37
10 to 49 acres ..... farms	19	42	45	52	54	49	63	73
acres harvested	349	938	856	905	848	985	1 312	1 263
50 to 69 acres ..... farms	15	13	4	28	15	13	23	20
acres harvested	729	491	148	930	609	617	879	799
70 to 99 acres ..... farms	37	41	43	38	43	33	54	39
acres harvested	1 770	2 512	2 897	1 726	2 993	2 188	3 606	1 827
100 to 139 acres ..... farms	23	42	39	68	39	30	75	51
acres harvested	1 465	3 614	4 025	5 225	3 616	2 941	7 385	3 732
140 to 179 acres ..... farms	44	63	78	74	64	121	79	51
acres harvested	4 739	8 513	10 903	7 803	8 201	15 591	9 989	5 717
180 to 219 acres ..... farms	25	40	37	39	48	32	50	38
acres harvested	3 392	6 064	6 838	5 042	8 339	5 499	8 095	3 970
220 to 259 acres ..... farms	23	42	74	57	49	73	47	43
acres harvested	3 830	7 249	15 043	8 573	9 817	14 628	9 646	7 208
260 to 499 acres ..... farms	124	186	193	195	218	261	206	199
acres harvested	31 823	58 889	62 580	42 292	70 948	86 548	64 481	52 341
500 to 999 acres ..... farms	125	208	159	154	185	180	184	213
acres harvested	66 416	125 081	96 538	74 140	112 669	112 241	111 413	114 142
1,000 to 1,999 acres ..... farms	78	72	49	52	54	43	53	77
acres harvested	86 164	80 524	55 649	46 453	61 580	46 302	53 889	81 103
2,000 acres or more ..... farms	13	6	6	8	4	1	3	11
acres harvested	29 608	12 172	25 320	13 174	11 006	(D)	9 332	22 012
HARVESTED CROPLAND BY ACRES HARVESTED								
1997 acres harvested:								
1 to 9 acres ..... farms	23	31	40	34	34	34	35	38
acres	113	154	193	182	160	169	125	203
10 to 19 acres ..... farms	14	18	23	47	24	11	28	44
acres	187	258	308	616	317	165	357	573
20 to 29 acres ..... farms	15	18	7	26	9	7	20	25
acres	338	411	171	597	214	162	505	560
30 to 49 acres ..... farms	20	20	16	50	25	20	36	28
acres	724	748	605	1 879	927	772	1 339	1 078
50 to 99 acres ..... farms	59	55	53	91	62	46	64	74
acres	4 438	4 104	4 001	6 589	4 570	3 461	4 750	5 455
100 to 199 acres ..... farms	69	110	118	113	98	152	121	107
acres	9 983	16 288	17 409	15 978	14 361	22 230	17 461	15 325
200 to 499 acres ..... farms	124	196	230	163	223	246	216	228
acres	41 107	68 226	76 629	51 263	73 276	80 522	71 617	75 314
500 to 999 acres ..... farms	114	169	136	98	153	175	161	136
acres	80 365	117 930	95 068	66 907	103 562	120 492	111 949	96 271
1,000 acres or more ..... farms	57	62	55	34	77	57	61	66
acres	95 815	89 094	94 677	50 648	120 034	76 256	91 260	107 668
1992 acres harvested:								
1 to 9 acres ..... farms	16	19	35	34	34	34	41	41
acres	65	94	196	160	157	166	173	226
10 to 19 acres ..... farms	22	27	16	43	21	10	28	47
acres	288	343	243	582	256	127	351	681
20 to 29 acres ..... farms	8	12	9	34	9	13	15	16
acres	193	293	235	815	205	297	358	381
30 to 49 acres ..... farms	29	27	16	49	20	28	43	44
acres	1 107	991	619	1 837	724	1 012	1 647	1 657
50 to 99 acres ..... farms	58	60	52	114	72	62	85	88
acres	4 047	4 483	3 906	7 992	5 182	4 647	6 556	6 391
100 to 199 acres ..... farms	88	134	154	170	136	166	177	131
acres	12 625	19 599	22 904	23 861	19 984	24 138	25 266	18 782
200 to 499 acres ..... farms	143	246	290	210	292	342	273	248
acres	46 099	82 040	93 425	66 994	96 945	111 566	90 110	83 662
500 to 999 acres ..... farms	107	181	131	95	159	166	166	156
acres	75 146	125 545	88 423	62 705	109 204	112 023	113 680	105 982
1,000 acres or more ..... farms	62	55	44	31	41	29	30	53
acres	90 735	72 683	70 951	41 367	58 000	35 710	41 950	76 389

Table 7. **Harvested Cropland by Size of Farm and Acres Harvested: 1997 and 1992**—Con.

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

Farms with harvested cropland	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
Farms.....number, 1997..	**653**	**708**	**547**	**537**	**742**	**957**	**996**	**565**
1992..	**698**	**761**	**618**	**635**	**857**	**1 089**	**1 143**	**631**
acres harvested, 1997..	**166 383**	**216 902**	**239 060**	**205 956**	**213 273**	**166 492**	**318 965**	**139 078**
1992..	**157 639**	**198 178**	**248 840**	**213 378**	**207 091**	**169 830**	**306 533**	**142 535**
HARVESTED CROPLAND BY SIZE OF FARM								
1997 size of farm:								
1 to 9 acres ..... farms..	11	7	8	7	10	12	18	11
acres harvested..	42	30	28	24	35	41	86	44
10 to 49 acres ..... farms..	65	50	26	34	69	78	116	50
acres harvested..	920	614	340	457	1 219	1 207	1 678	791
50 to 69 acres ..... farms..	31	23	9	14	19	43	29	22
acres harvested..	977	909	410	557	653	1 691	854	666
70 to 99 acres ..... farms..	62	50	27	25	38	61	64	40
acres harvested..	2 686	2 943	1 953	1 670	1 753	2 630	2 908	1 641
100 to 139 acres ..... farms..	53	60	16	22	52	84	52	63
acres harvested..	3 611	5 036	1 419	2 062	3 789	5 644	4 340	3 929
140 to 179 acres ..... farms..	65	98	65	53	64	97	76	43
acres harvested..	7 129	12 227	9 319	6 636	6 846	8 152	8 180	3 062
180 to 219 acres ..... farms..	44	60	33	25	44	93	60	52
acres harvested..	5 777	9 549	6 027	3 633	5 586	10 415	8 702	5 869
220 to 259 acres ..... farms..	32	49	25	40	57	66	63	31
acres harvested..	4 773	7 761	5 531	7 314	7 622	7 466	10 670	3 624
260 to 499 acres ..... farms..	148	162	138	143	209	254	215	127
acres harvested..	36 847	47 142	45 949	44 577	53 682	50 578	59 678	29 140
500 to 999 acres ..... farms..	100	103	149	115	139	130	207	83
acres harvested..	54 200	59 591	97 808	68 728	71 357	49 145	109 811	42 003
1,000 to 1,999 acres ..... farms..	39	35	45	53	34	35	86	36
acres harvested..	37 411	44 800	56 601	57 553	37 010	23 693	89 291	35 938
2,000 acres or more ..... farms..	3	11	6	6	7	4	10	7
acres harvested..	12 010	26 300	13 675	12 745	23 721	5 830	22 767	12 371
1992 size of farm:								
1 to 9 acres ..... farms..	16	7	10	6	11	21	38	14
acres harvested..	(D)	32	31	(D)	34	63	146	(D)
10 to 49 acres ..... farms..	61	65	28	30	68	81	118	48
acres harvested..	882	962	547	546	1 413	1 290	1 511	930
50 to 69 acres ..... farms..	36	15	5	12	25	39	36	25
acres harvested..	977	650	143	477	945	1 140	1 279	877
70 to 99 acres ..... farms..	55	49	35	26	54	70	72	44
acres harvested..	2 265	2 747	2 469	1 615	2 978	2 925	3 351	2 088
100 to 139 acres ..... farms..	68	57	14	35	67	103	65	65
acres harvested..	5 392	4 884	1 433	3 499	4 334	6 635	4 926	3 748
140 to 179 acres ..... farms..	64	88	67	60	98	117	85	61
acres harvested..	5 716	10 026	9 221	7 592	9 782	9 670	9 858	5 051
180 to 219 acres ..... farms..	49	65	24	37	76	111	59	43
acres harvested..	6 008	9 373	4 148	5 799	8 361	10 517	7 574	4 052
220 to 259 acres ..... farms..	42	79	29	43	63	75	85	33
acres harvested..	6 700	13 373	5 996	7 910	9 029	8 919	14 453	4 127
260 to 499 acres ..... farms..	163	201	194	191	220	284	304	159
acres harvested..	41 401	55 472	65 495	54 989	51 737	53 204	79 923	36 179
500 to 999 acres ..... farms..	113	95	168	147	132	160	199	101
acres harvested..	57 589	52 108	104 294	81 020	65 161	58 567	101 317	47 217
1,000 to 1,999 acres ..... farms..	30	35	41	47	38	24	74	36
acres harvested..	28 661	38 158	46 244	48 004	31 454	13 357	69 532	33 533
2,000 acres or more ..... farms..	1	5	3	1	5	4	8	2
acres harvested..	(D)	10 393	8 819	(D)	21 863	3 543	12 663	(D)
HARVESTED CROPLAND BY ACRES HARVESTED								
1997 acres harvested:								
1 to 9 acres ..... farms..	60	30	22	29	47	54	74	46
acres..	308	162	(D)	136	232	268	406	212
10 to 19 acres ..... farms..	45	39	11	6	35	58	55	31
acres..	634	549	135	70	484	785	738	428
20 to 29 acres ..... farms..	32	11	1	14	31	47	41	27
acres..	754	257	(D)	324	733	1 093	967	643
30 to 49 acres ..... farms..	42	34	9	14	49	89	54	70
acres..	1 663	1 328	315	520	1 857	3 442	1 979	2 663
50 to 99 acres ..... farms..	96	87	40	47	82	183	81	84
acres..	6 899	6 390	2 977	3 622	5 686	13 217	5 935	6 024
100 to 199 acres ..... farms..	126	199	102	108	159	239	192	100
acres..	18 246	28 633	15 634	16 023	23 360	33 294	28 338	14 268
200 to 499 acres ..... farms..	156	193	181	175	218	229	288	125
acres..	50 334	62 577	60 688	56 959	68 637	68 892	94 741	40 269
500 to 999 acres ..... farms..	77	71	137	103	92	48	156	58
acres..	54 722	47 656	95 289	72 640	60 937	32 506	107 632	40 344
1,000 acres or more ..... farms..	19	44	44	41	29	10	55	24
acres..	32 823	69 350	63 893	55 662	51 347	12 995	78 229	34 227
1992 acres harvested:								
1 to 9 acres ..... farms..	62	39	17	20	40	71	108	47
acres..	319	208	63	98	222	(D)	545	199
10 to 19 acres ..... farms..	46	29	13	7	41	61	47	28
acres..	614	371	183	96	508	815	588	360
20 to 29 acres ..... farms..	34	21	6	8	39	63	44	31
acres..	798	484	145	204	909	1 505	1 018	727
30 to 49 acres ..... farms..	57	38	12	26	72	95	57	76
acres..	2 147	1 483	452	1 007	2 665	3 638	2 227	2 999
50 to 99 acres ..... farms..	100	86	45	47	123	219	109	107
acres..	7 311	6 303	3 423	3 522	8 933	15 987	7 883	7 704
100 to 199 acres ..... farms..	124	222	100	131	208	282	242	101
acres..	17 451	31 286	14 918	18 956	29 785	39 848	34 936	15 032
200 to 499 acres ..... farms..	189	231	247	259	229	255	359	164
acres..	61 497	73 972	85 012	81 892	69 414	77 956	115 288	50 953
500 to 999 acres ..... farms..	76	71	141	114	85	38	138	60
acres..	53 859	49 585	95 305	79 126	55 657	24 402	95 146	40 384
1,000 acres or more ..... farms..	10	24	37	23	20	5	39	17
acres..	13 643	34 486	49 339	28 477	38 998	(D)	48 902	24 177

Table 7. **Harvested Cropland by Size of Farm and Acres Harvested: 1997 and 1992**—Con.

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

Farms with harvested cropland	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Farms.....number, 1997	**1 009**	**841**	**715**	**1 278**	**672**	**1 167**	**474**	**513**
1992	**1 085**	**931**	**810**	**1 490**	**780**	**1 338**	**502**	**523**
acres harvested, 1997	**202 934**	**233 100**	**193 893**	**528 869**	**156 755**	**257 566**	**146 959**	**76 807**
1992	**202 620**	**223 868**	**195 808**	**537 860**	**165 453**	**260 797**	**142 036**	**76 475**
HARVESTED CROPLAND BY SIZE OF FARM								
1997 size of farm:								
1 to 9 acres ..... farms	21	18	11	15	10	34	9	2
acres harvested	58	(D)	50	40	34	111	(D)	(D)
10 to 49 acres ..... farms	165	72	58	65	77	226	41	53
acres harvested	2 505	1 050	942	1 543	965	3 616	629	754
50 to 69 acres ..... farms	51	25	32	13	27	68	17	20
acres harvested	1 814	866	1 013	646	631	2 489	522	390
70 to 99 acres ..... farms	119	55	47	49	61	111	32	44
acres harvested	6 176	2 599	2 039	3 476	2 589	6 368	1 311	1 480
100 to 139 acres ..... farms	113	55	33	59	59	102	31	47
acres harvested	9 224	4 565	2 330	6 053	2 924	8 269	2 142	2 057
140 to 179 acres ..... farms	83	73	63	134	46	99	22	37
acres harvested	9 123	8 021	6 406	19 571	3 462	11 708	2 060	2 265
180 to 219 acres ..... farms	74	69	44	53	55	80	35	34
acres harvested	9 399	10 179	4 918	9 333	5 424	12 185	4 814	2 370
220 to 259 acres ..... farms	53	62	42	91	37	49	36	34
acres harvested	9 170	10 051	5 243	18 618	4 766	8 178	6 775	3 247
260 to 499 acres ..... farms	165	201	173	385	125	227	115	119
acres harvested	44 059	56 748	39 381	130 617	27 342	63 294	31 478	14 957
500 to 999 acres ..... farms	132	162	153	310	131	113	103	82
acres harvested	70 933	87 630	72 140	199 563	62 903	65 750	56 934	22 512
1,000 to 1,999 acres ..... farms	30	47	53	91	39	49	31	30
acres harvested	32 458	47 324	49 015	110 294	35 182	56 198	35 428	15 843
2,000 acres or more ..... farms	3	2	6	13	5	9	2	11
acres harvested	8 015	(D)	10 416	29 115	10 533	19 400	(D)	(D)
1992 size of farm:								
1 to 9 acres ..... farms	21	12	7	16	8	52	11	1
acres harvested	(D)	45	23	61	15	203	37	(D)
10 to 49 acres ..... farms	132	71	60	53	87	203	52	44
acres harvested	2 179	1 110	940	1 088	1 364	3 368	935	793
50 to 69 acres ..... farms	56	31	27	18	28	84	17	19
acres harvested	1 910	1 112	898	733	645	2 970	531	378
70 to 99 acres ..... farms	127	64	51	82	62	150	17	33
acres harvested	6 532	3 684	1 605	5 724	2 603	7 889	1 094	927
100 to 139 acres ..... farms	140	75	68	74	67	144	43	52
acres harvested	10 844	5 640	4 676	7 502	3 546	11 159	2 970	2 318
140 to 179 acres ..... farms	124	79	78	161	78	119	30	41
acres harvested	13 789	8 651	7 282	22 365	7 263	13 506	3 313	1 975
180 to 219 acres ..... farms	76	76	52	58	46	83	42	32
acres harvested	9 923	10 778	6 598	9 534	4 810	11 222	5 077	2 171
220 to 259 acres ..... farms	63	67	51	111	50	78	35	39
acres harvested	10 599	10 819	7 674	22 474	7 336	13 614	5 498	3 050
260 to 499 acres ..... farms	189	254	194	509	181	229	138	127
acres harvested	50 422	65 351	44 158	170 515	37 238	61 234	38 367	17 453
500 to 999 acres ..... farms	130	168	168	326	132	152	87	100
acres harvested	65 593	84 741	70 707	192 378	62 617	81 215	47 235	26 164
1,000 to 1,999 acres ..... farms	25	31	50	74	38	36	27	27
acres harvested	25 905	29 052	44 809	86 946	33 276	39 058	26 219	13 622
2,000 acres or more ..... farms	2	3	4	8	3	8	3	8
acres harvested	(D)	2 885	6 438	18 540	4 740	15 359	10 760	(D)
HARVESTED CROPLAND BY ACRES HARVESTED								
1997 acres harvested:								
1 to 9 acres ..... farms	109	55	43	32	66	122	43	35
acres	477	269	240	129	305	606	258	206
10 to 19 acres ..... farms	68	38	52	17	53	105	27	62
acres	896	513	668	234	684	1 439	346	834
20 to 29 acres ..... farms	53	32	31	7	43	76	13	38
acres	1 256	771	763	166	964	1 783	293	868
30 to 49 acres ..... farms	79	32	43	38	56	76	18	63
acres	2 989	1 252	1 617	1 473	2 199	2 830	671	2 412
50 to 99 acres ..... farms	185	107	97	70	115	177	47	99
acres	13 085	7 802	6 792	5 061	8 344	12 632	3 411	6 932
100 to 199 acres ..... farms	204	182	129	247	102	235	81	96
acres	28 666	26 303	18 888	35 827	14 853	33 834	11 814	13 030
200 to 499 acres ..... farms	198	252	197	493	132	238	153	89
acres	62 111	82 914	64 684	163 283	42 727	74 901	49 713	27 040
500 to 999 acres ..... farms	89	118	93	289	85	87	71	25
acres	58 895	80 263	60 735	200 621	57 844	59 084	50 589	16 383
1,000 acres or more ..... farms	24	25	30	85	20	51	21	6
acres	34 559	33 013	39 506	122 075	28 835	70 457	29 864	9 102
1992 acres harvested:								
1 to 9 acres ..... farms	79	49	55	38	64	136	39	28
acres	372	244	300	184	325	679	200	165
10 to 19 acres ..... farms	84	27	45	17	68	112	19	49
acres	1 151	391	590	216	899	1 538	269	675
20 to 29 acres ..... farms	54	39	40	10	37	73	19	47
acres	1 275	928	968	237	849	1 711	458	1 077
30 to 49 acres ..... farms	88	46	55	37	64	121	34	70
acres	3 283	1 691	2 070	1 409	2 474	4 610	1 261	2 718
50 to 99 acres ..... farms	212	134	97	115	119	228	52	104
acres	15 057	10 143	7 015	8 478	8 557	16 478	3 986	7 344
100 to 199 acres ..... farms	238	249	172	293	153	270	90	101
acres	33 063	36 423	24 947	43 245	21 051	38 506	12 763	14 186
200 to 499 acres ..... farms	235	263	241	654	177	261	167	94
acres	73 355	84 832	76 549	220 239	55 291	82 842	52 522	28 270
500 to 999 acres ..... farms	80	112	85	262	84	109	66	25
acres	53 641	73 463	56 410	173 627	58 355	73 663	44 892	15 600
1,000 acres or more ..... farms	15	12	20	64	14	28	16	5
acres	21 423	15 753	26 959	90 225	17 652	40 770	25 685	6 440

Table 7. **Harvested Cropland by Size of Farm and Acres Harvested: 1997 and 1992**—Con.

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

Farms with harvested cropland	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Farms.....number, 1997	**961**	**793**	**807**	**733**	**736**	**430**	**700**	**589**
1992	**1 002**	**879**	**921**	**857**	**839**	**500**	**724**	**717**
acres harvested, 1997	**293 762**	**163 603**	**230 111**	**171 369**	**260 604**	**181 401**	**230 307**	**276 942**
1992	**279 865**	**157 113**	**222 125**	**162 365**	**244 553**	**188 833**	**218 886**	**286 468**
HARVESTED CROPLAND BY SIZE OF FARM								
1997 size of farm:								
1 to 9 acres ..... farms	18	6	13	11	20	4	24	7
acres harvested	68	28	46	58	81	31	(D)	23
10 to 49 acres ..... farms	71	102	56	101	74	37	67	29
acres harvested	1 100	1 498	965	1 477	986	603	925	615
50 to 69 acres ..... farms	17	39	35	35	28	6	16	11
acres harvested	602	973	1 236	1 042	1 004	341	733	566
70 to 99 acres ..... farms	67	65	55	72	49	28	36	32
acres harvested	4 383	2 247	2 730	2 944	2 652	1 381	2 440	1 771
100 to 139 acres ..... farms	35	80	59	64	39	40	43	33
acres harvested	3 554	4 325	3 970	3 701	3 369	2 803	3 716	2 302
140 to 179 acres ..... farms	124	68	77	76	63	17	70	54
acres harvested	16 871	5 093	7 966	6 940	7 514	1 957	8 876	6 379
180 to 219 acres ..... farms	50	46	52	36	32	21	43	21
acres harvested	8 673	4 137	7 184	3 273	4 960	2 877	6 913	3 050
220 to 259 acres ..... farms	71	43	57	27	55	16	36	28
acres harvested	14 050	4 793	9 718	3 513	10 315	2 988	7 427	4 251
260 to 499 acres ..... farms	293	156	186	134	152	91	177	126
acres harvested	93 375	29 282	51 687	30 153	44 157	27 786	56 064	36 645
500 to 999 acres ..... farms	179	129	165	124	150	101	142	149
acres harvested	106 834	49 365	82 134	58 585	92 982	59 139	87 720	86 872
1,000 to 1,999 acres ..... farms	33	45	45	42	67	57	45	74
acres harvested	37 252	38 446	46 180	39 633	76 032	57 602	53 403	79 766
2,000 acres or more ..... farms	3	14	7	11	7	12	1	25
acres harvested	7 000	23 416	16 295	20 050	16 552	23 893	(D)	54 702
1992 size of farm:								
1 to 9 acres ..... farms	14	6	16	27	23	4	19	11
acres harvested	(D)	20	48	118	65	12	(D)	37
10 to 49 acres ..... farms	63	89	86	115	100	57	61	33
acres harvested	1 090	1 490	1 672	1 841	1 612	807	943	599
50 to 69 acres ..... farms	15	46	23	42	27	21	16	17
acres harvested	658	1 092	905	1 216	980	687	663	486
70 to 99 acres ..... farms	42	86	68	73	50	17	38	36
acres harvested	2 964	3 657	3 358	3 183	3 155	879	1 969	1 761
100 to 139 acres ..... farms	44	83	79	87	51	37	29	29
acres harvested	4 388	4 871	5 632	4 916	4 606	2 783	2 326	2 314
140 to 179 acres ..... farms	134	87	83	82	69	32	95	60
acres harvested	17 223	6 715	8 355	6 866	8 424	3 563	10 824	6 922
180 to 219 acres ..... farms	55	49	74	56	49	28	45	30
acres harvested	9 385	4 355	10 270	6 427	6 355	4 050	7 279	3 963
220 to 259 acres ..... farms	87	61	59	45	64	19	56	49
acres harvested	17 940	7 287	9 207	5 484	10 671	3 140	10 634	8 262
260 to 499 acres ..... farms	357	185	234	167	174	101	186	178
acres harvested	107 559	33 622	64 518	38 436	48 336	28 184	56 910	45 728
500 to 999 acres ..... farms	160	140	168	129	177	126	143	171
acres harvested	86 219	53 236	83 012	60 891	98 916	69 802	83 821	90 926
1,000 to 1,999 acres ..... farms	30	40	25	30	50	46	34	86
acres harvested	30 665	31 944	22 346	25 554	50 912	50 204	37 785	86 155
2,000 acres or more ..... farms	1	7	6	4	5	12	2	17
acres harvested	(D)	8 824	12 802	7 433	10 521	24 722	(D)	39 315
HARVESTED CROPLAND BY ACRES HARVESTED								
1997 acres harvested:								
1 to 9 acres ..... farms	49	53	48	62	59	27	44	18
acres	227	272	232	371	272	166	194	79
10 to 19 acres ..... farms	29	81	33	74	39	14	35	18
acres	374	1 063	436	994	532	172	453	261
20 to 29 acres ..... farms	8	63	40	37	26	14	13	17
acres	197	1 473	953	865	653	325	294	378
30 to 49 acres ..... farms	32	90	54	77	25	19	27	29
acres	1 202	3 324	2 109	3 038	943	685	977	1 107
50 to 99 acres ..... farms	92	131	101	113	70	39	70	55
acres	6 992	9 293	7 249	7 886	4 931	2 708	5 451	3 960
100 to 199 acres ..... farms	207	146	136	117	130	54	129	106
acres	30 668	21 232	19 916	16 455	18 849	7 253	19 183	15 672
200 to 499 acres ..... farms	363	140	255	151	192	130	216	140
acres	115 911	45 181	81 678	49 377	61 046	43 602	69 552	46 856
500 to 999 acres ..... farms	155	59	109	75	144	89	127	138
acres	102 288	38 420	70 735	49 349	100 301	65 730	85 103	95 065
1,000 acres or more ..... farms	26	30	31	27	51	44	39	68
acres	35 903	43 345	46 803	43 034	73 077	60 760	49 100	113 564
1992 acres harvested:								
1 to 9 acres ..... farms	36	43	59	67	72	35	46	28
acres	156	264	282	337	342	172	217	128
10 to 19 acres ..... farms	24	97	41	80	37	32	29	20
acres	326	1 349	541	1 038	486	463	376	258
20 to 29 acres ..... farms	17	55	35	55	28	15	16	19
acres	417	1 273	836	1 260	648	358	378	481
30 to 49 acres ..... farms	22	112	66	93	38	26	31	30
acres	844	4 285	2 483	3 508	1 462	964	1 217	1 122
50 to 99 acres ..... farms	77	147	131	140	105	39	67	68
acres	5 673	10 305	9 232	9 880	7 665	2 941	4 673	4 621
100 to 199 acres ..... farms	240	176	177	155	155	75	155	141
acres	35 288	25 395	25 676	21 302	22 052	10 943	23 164	20 053
200 to 499 acres ..... farms	460	174	300	184	238	140	246	214
acres	144 791	55 044	95 858	58 530	77 086	46 686	80 646	69 171
500 to 999 acres ..... farms	108	58	96	68	135	96	108	135
acres	69 981	37 851	63 666	45 874	93 114	64 898	73 155	92 566
1,000 acres or more ..... farms	18	17	16	15	31	42	26	62
acres	22 389	21 347	23 551	20 636	41 698	61 408	35 060	98 068

Table 7. **Harvested Cropland by Size of Farm and Acres Harvested: 1997 and 1992**—Con.

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

Farms with harvested cropland	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Farms.....number, 1997..	**578**	**471**	**625**	**879**	**573**	**674**	**698**	**1 235**
1992..	**575**	**546**	**691**	**1 010**	**655**	**812**	**779**	**1 360**
acres harvested, 1997..	**83 216**	**171 618**	**169 909**	**314 232**	**214 077**	**204 034**	**289 010**	**410 249**
1992..	**74 121**	**167 462**	**164 397**	**309 290**	**222 804**	**208 542**	**288 764**	**400 880**
HARVESTED CROPLAND BY SIZE OF FARM								
1997 size of farm:								
1 to 9 acres ..... farms..	6	7	15	9	12	9	14	21
acres harvested..	29	36	(D)	(D)	46	39	58	75
10 to 49 acres ..... farms..	48	28	106	44	24	43	41	105
acres harvested..	664	453	1 719	859	541	673	713	1 740
50 to 69 acres ..... farms..	19	11	25	11	7	14	7	22
acres harvested..	473	274	1 084	330	351	542	265	983
70 to 99 acres ..... farms..	49	25	38	57	33	52	38	62
acres harvested..	1 446	1 263	2 144	4 055	2 564	2 309	2 670	3 769
100 to 139 acres ..... farms..	70	25	32	23	28	38	36	62
acres harvested..	3 489	1 722	2 721	2 319	3 085	2 202	3 570	5 021
140 to 179 acres ..... farms..	37	39	73	92	88	77	65	111
acres harvested..	2 335	3 570	8 901	12 847	12 463	7 451	9 280	13 575
180 to 219 acres ..... farms..	50	26	36	48	16	39	18	58
acres harvested..	3 305	3 229	5 474	8 914	2 929	4 195	3 219	8 552
220 to 259 acres ..... farms..	38	26	31	73	40	29	33	94
acres harvested..	3 911	3 992	5 088	15 850	8 427	4 665	6 708	17 867
260 to 499 acres ..... farms..	131	105	130	264	152	151	194	367
acres harvested..	18 182	26 427	37 441	84 944	51 308	35 549	65 546	115 234
500 to 999 acres ..... farms..	100	121	101	202	133	158	189	261
acres harvested..	28 119	62 717	59 282	120 155	80 308	81 871	118 286	151 708
1,000 to 1,999 acres ..... farms..	24	54	36	54	36	55	58	62
acres harvested..	13 998	57 144	41 947	60 095	42 046	48 238	67 194	66 988
2,000 acres or more ..... farms..	6	4	2	2	4	9	5	10
acres harvested..	7 265	10 791	(D)	(D)	10 009	16 300	11 501	24 737
1992 size of farm:								
1 to 9 acres ..... farms..	4	2	15	24	8	7	25	23
acres harvested..	19	(D)	37	(D)	(D)	(D)	(D)	68
10 to 49 acres ..... farms..	42	39	95	47	23	51	38	94
acres harvested..	812	673	1 409	886	504	826	555	1 484
50 to 69 acres ..... farms..	14	7	20	12	10	24	10	16
acres harvested..	294	173	728	444	489	840	441	743
70 to 99 acres ..... farms..	48	27	62	71	38	74	29	81
acres harvested..	1 668	1 330	3 293	4 922	2 722	3 828	1 968	4 877
100 to 139 acres ..... farms..	52	27	38	31	22	55	37	81
acres harvested..	2 126	2 025	3 058	3 147	2 230	3 928	3 644	6 766
140 to 179 acres ..... farms..	48	43	81	133	81	67	54	127
acres harvested..	2 645	4 213	9 211	18 044	11 270	5 632	6 939	14 861
180 to 219 acres ..... farms..	33	39	43	49	25	37	34	72
acres harvested..	1 814	4 329	6 586	8 484	3 919	4 282	5 980	11 288
220 to 259 acres ..... farms..	46	33	51	81	56	52	59	101
acres harvested..	4 502	5 970	9 248	16 996	10 962	7 826	10 833	19 540
260 to 499 acres ..... farms..	151	156	152	339	217	213	232	457
acres harvested..	19 506	40 731	42 010	106 821	68 983	50 348	75 936	133 604
500 to 999 acres ..... farms..	107	133	103	185	131	186	214	238
acres harvested..	25 886	66 087	54 416	105 271	74 058	91 554	130 649	130 564
1,000 to 1,999 acres ..... farms..	26	36	28	37	43	44	46	64
acres harvested..	11 706	35 218	29 259	42 011	46 392	36 323	49 743	64 072
2,000 acres or more ..... farms..	4	4	3	1	1	2	1	6
acres harvested..	3 143	(D)	5 142	(D)	(D)	(D)	(D)	13 013
HARVESTED CROPLAND BY ACRES HARVESTED								
1997 acres harvested:								
1 to 9 acres ..... farms..	38	21	50	22	18	31	30	65
acres..	199	120	239	110	79	157	137	352
10 to 19 acres ..... farms..	60	16	53	19	4	34	14	43
acres..	816	221	678	249	45	473	187	542
20 to 29 acres ..... farms..	46	20	26	7	7	31	7	31
acres..	1 055	457	627	167	172	703	165	751
30 to 49 acres ..... farms..	67	23	42	19	12	36	19	45
acres..	2 532	833	1 617	715	461	1 354	701	1 647
50 to 99 acres ..... farms..	122	58	72	72	41	85	50	110
acres..	8 539	4 352	5 242	5 284	3 159	6 101	3 879	7 792
100 to 199 acres ..... farms..	112	69	115	158	140	132	120	220
acres..	15 289	9 960	17 002	23 601	20 099	18 782	17 189	32 206
200 to 499 acres ..... farms..	101	148	160	369	208	176	240	467
acres..	29 582	48 583	51 683	117 653	69 822	58 815	83 485	152 924
500 to 999 acres ..... farms..	28	80	76	181	111	122	166	203
acres..	18 324	56 963	52 124	122 811	74 324	80 505	113 430	135 359
1,000 acres or more ..... farms..	4	36	31	32	32	27	52	51
acres..	6 880	50 129	40 697	43 642	45 916	37 144	69 837	78 676
1992 acres harvested:								
1 to 9 acres ..... farms..	26	20	65	36	13	36	44	67
acres..	(D)	124	324	133	59	211	170	316
10 to 19 acres ..... farms..	53	20	44	21	6	42	18	41
acres..	698	279	576	294	83	567	261	530
20 to 29 acres ..... farms..	51	19	25	13	4	23	7	29
acres..	1 180	478	601	296	83	538	164	714
30 to 49 acres ..... farms..	91	25	45	20	16	50	14	51
acres..	3 454	966	1 709	721	603	1 916	584	1 958
50 to 99 acres ..... farms..	111	53	84	87	54	127	52	139
acres..	7 864	3 994	6 192	6 389	3 853	9 295	3 902	10 189
100 to 199 acres ..... farms..	114	103	135	219	147	152	125	261
acres..	15 717	14 320	19 619	31 916	21 536	22 135	18 341	37 558
200 to 499 acres ..... farms..	114	195	207	451	280	257	303	553
acres..	33 614	62 542	64 825	145 145	92 199	82 986	101 731	176 571
500 to 999 acres ..... farms..	14	92	65	138	108	113	183	177
acres..	9 634	59 485	43 968	91 387	71 585	76 105	123 132	113 972
1,000 acres or more ..... farms..	1	19	21	25	27	12	33	42
acres..	(D)	25 274	26 583	33 009	32 803	14 789	40 479	59 072

Table 7. **Harvested Cropland by Size of Farm and Acres Harvested: 1997 and 1992**—Con.

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

Farms with harvested cropland	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
Farms.....number, 1997	**738**	**643**	**1 129**	**709**	**505**	**713**	**703**	**809**
1992	**871**	**717**	**1 258**	**812**	**573**	**852**	**801**	**953**
acres harvested, 1997	**330 852**	**184 859**	**436 604**	**230 161**	**114 558**	**298 271**	**194 545**	**287 342**
1992	**320 421**	**187 257**	**432 137**	**231 967**	**118 635**	**294 926**	**191 452**	**289 366**
HARVESTED CROPLAND BY SIZE OF FARM								
1997 size of farm:								
1 to 9 acres ..... farms	10	28	17	14	4	10	17	5
acres harvested	38	80	73	52	13	36	48	14
10 to 49 acres ..... farms	40	164	132	59	36	43	111	40
acres harvested	734	2 323	1 932	896	581	686	1 885	536
50 to 69 acres ..... farms	7	18	38	16	6	14	24	12
acres harvested	365	673	1 483	586	166	548	917	595
70 to 99 acres ..... farms	40	54	50	38	45	34	58	32
acres harvested	3 068	2 897	2 807	1 722	1 412	2 270	3 989	1 767
100 to 139 acres ..... farms	32	42	64	46	31	35	53	59
acres harvested	3 303	3 970	5 103	3 419	1 560	3 742	5 315	5 607
140 to 179 acres ..... farms	56	51	82	61	31	68	69	65
acres harvested	7 838	5 959	9 833	6 565	2 072	9 030	9 127	8 625
180 to 219 acres ..... farms	27	29	54	44	46	32	45	63
acres harvested	4 871	4 595	8 004	5 252	3 983	5 320	7 562	9 983
220 to 259 acres ..... farms	37	27	47	36	38	39	45	57
acres harvested	8 132	4 998	9 023	5 696	3 702	7 806	8 660	11 649
260 to 499 acres ..... farms	201	86	239	163	111	210	136	234
acres harvested	68 111	26 252	74 077	40 967	17 907	68 093	42 505	74 716
500 to 999 acres ..... farms	215	86	272	167	90	160	105	186
acres harvested	141 179	52 080	159 763	84 968	29 839	99 483	64 370	110 681
1,000 to 1,999 acres ..... farms	67	49	118	56	56	57	36	53
acres harvested	78 303	60 047	129 207	57 528	36 735	70 815	42 268	56 671
2,000 acres or more ..... farms	6	9	16	9	11	11	4	3
acres harvested	14 910	20 985	35 299	22 510	16 588	30 442	7 899	6 498
1992 size of farm:								
1 to 9 acres ..... farms	11	31	21	14	2	10	18	8
acres harvested	(D)	87	63	46	(D)	24	(D)	24
10 to 49 acres ..... farms	53	147	126	43	32	46	117	43
acres harvested	1 156	2 278	2 078	750	562	748	1 931	679
50 to 69 acres ..... farms	14	46	34	23	12	13	34	15
acres harvested	609	1 829	1 404	920	472	464	1 600	706
70 to 99 acres ..... farms	49	69	67	47	34	56	69	40
acres harvested	3 390	3 430	3 257	2 218	1 142	3 636	4 330	2 298
100 to 139 acres ..... farms	42	47	69	51	43	43	61	71
acres harvested	4 502	4 142	5 764	3 905	2 369	3 883	5 790	6 586
140 to 179 acres ..... farms	73	55	98	83	34	88	80	91
acres harvested	10 077	7 002	11 204	8 376	2 175	11 756	10 742	11 673
180 to 219 acres ..... farms	48	31	70	45	29	36	63	68
acres harvested	8 457	4 960	11 005	5 252	2 032	5 891	10 143	10 262
220 to 259 acres ..... farms	51	40	56	51	43	57	41	71
acres harvested	10 896	7 368	9 736	7 647	4 172	10 900	7 940	13 504
260 to 499 acres ..... farms	241	109	313	199	148	259	176	311
acres harvested	80 531	33 130	94 801	46 672	21 839	80 384	54 494	92 880
500 to 999 acres ..... farms	237	94	305	200	131	188	111	194
acres harvested	140 669	57 888	171 505	96 110	38 149	110 890	62 124	109 175
1,000 to 1,999 acres ..... farms	50	39	86	50	54	51	30	38
acres harvested	55 200	45 041	91 763	49 528	33 952	52 927	30 386	36 634
2,000 acres or more ..... farms	2	9	13	6	11	5	1	3
acres harvested	(D)	20 102	29 557	10 543	(D)	13 423	(D)	4 945
HARVESTED CROPLAND BY ACRES HARVESTED								
1997 acres harvested:								
1 to 9 acres ..... farms	22	93	64	43	22	26	46	28
acres	110	419	317	182	121	131	199	136
10 to 19 acres ..... farms	14	76	70	36	43	20	58	14
acres	184	1 011	889	486	631	273	730	190
20 to 29 acres ..... farms	6	35	40	27	35	11	20	10
acres	140	801	952	618	841	259	461	232
30 to 49 acres ..... farms	12	37	45	27	46	15	45	24
acres	440	1 393	1 769	1 018	1 783	523	1 679	921
50 to 99 acres ..... farms	56	67	91	81	94	51	83	52
acres	4 083	5 009	6 537	6 215	6 783	3 801	6 271	3 922
100 to 199 acres ..... farms	108	102	166	133	81	129	147	174
acres	15 691	14 828	24 283	18 839	11 131	18 517	21 622	25 017
200 to 499 acres ..... farms	249	104	314	204	116	265	186	315
acres	83 651	32 748	104 778	64 240	34 889	87 277	60 050	102 733
500 to 999 acres ..... farms	214	80	256	121	52	143	85	155
acres	148 414	55 203	175 464	82 161	34 504	99 714	59 513	107 069
1,000 acres or more ..... farms	57	49	83	37	16	53	33	37
acres	78 139	73 447	121 615	56 402	23 875	87 776	44 020	47 122
1992 acres harvested:								
1 to 9 acres ..... farms	25	87	63	33	19	23	61	29
acres	95	394	304	126	109	96	295	146
10 to 19 acres ..... farms	13	72	63	38	37	25	51	14
acres	162	973	821	528	497	328	718	186
20 to 29 acres ..... farms	14	41	44	31	37	11	23	10
acres	345	945	1 055	763	820	264	500	248
30 to 49 acres ..... farms	29	54	45	42	64	26	43	25
acres	1 124	2 054	1 690	1 550	2 458	995	1 634	907
50 to 99 acres ..... farms	61	83	115	97	97	80	101	96
acres	4 514	5 698	8 098	7 168	7 064	6 011	7 318	7 091
100 to 199 acres ..... farms	158	116	210	162	119	171	193	215
acres	23 049	16 840	30 202	22 223	17 026	25 262	27 897	30 969
200 to 499 acres ..... farms	338	140	424	262	140	326	229	394
acres	113 936	42 813	142 377	83 341	43 164	106 917	74 921	126 865
500 to 999 acres ..... farms	198	88	232	117	47	160	83	151
acres	132 825	61 951	157 454	78 003	30 435	110 500	57 286	99 096
1,000 acres or more ..... farms	35	36	62	30	13	30	17	19
acres	44 371	55 589	90 136	38 265	17 062	44 553	20 883	23 858

Table 7. **Harvested Cropland by Size of Farm and Acres Harvested: 1997 and 1992**—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, 1997..	**1 432**	**837**	**940**	**556**	**506**	**622**	**606**	**953**
1992..	**1 597**	**892**	**1 132**	**635**	**562**	**636**	**659**	**1 033**
acres harvested, 1997..	**432 087**	**304 609**	**300 427**	**147 591**	**106 685**	**114 335**	**118 662**	**165 153**
1992..	**416 245**	**283 490**	**297 407**	**140 091**	**109 504**	**108 272**	**112 143**	**166 704**
HARVESTED CROPLAND BY SIZE OF FARM								
1997 size of farm:								
1 to 9 acres ..... farms..	46	26	22	7	7	8	8	27
acres harvested..	152	69	75	25	21	32	(D)	101
10 to 49 acres ..... farms..	110	110	90	29	60	54	90	180
acres harvested..	2 037	1 801	1 369	603	972	771	1 353	2 694
50 to 69 acres ..... farms..	33	27	16	12	11	25	28	64
acres harvested..	1 544	864	534	302	192	562	727	1 782
70 to 99 acres ..... farms..	98	69	49	34	50	37	59	108
acres harvested..	6 919	4 720	2 774	1 269	1 927	1 612	1 916	3 901
100 to 139 acres ..... farms..	92	52	64	43	28	56	60	75
acres harvested..	9 816	4 999	4 785	2 564	1 524	2 632	2 931	3 705
140 to 179 acres ..... farms..	167	80	82	53	40	48	41	85
acres harvested..	23 209	10 178	9 023	4 181	3 100	3 376	3 194	5 612
180 to 219 acres ..... farms..	70	54	62	37	25	46	46	66
acres harvested..	12 702	9 311	8 539	3 408	1 971	2 636	3 640	6 095
220 to 259 acres ..... farms..	127	35	65	38	40	38	31	40
acres harvested..	26 853	6 669	10 609	4 581	4 323	3 126	2 860	5 069
260 to 499 acres ..... farms..	402	145	239	140	114	159	117	147
acres harvested..	135 208	45 979	68 172	26 043	19 716	25 209	19 514	27 104
500 to 999 acres ..... farms..	232	165	188	106	85	112	87	102
acres harvested..	143 696	105 675	110 765	40 684	32 266	41 417	41 517	44 408
1,000 to 1,999 acres ..... farms..	50	60	55	43	38	34	37	47
acres harvested..	55 684	72 457	63 541	34 450	26 153	26 653	36 390	40 358
2,000 acres or more ..... farms..	5	14	8	14	8	5	2	12
acres harvested..	14 267	41 887	20 241	29 481	14 520	6 309	(D)	24 324
1992 size of farm:								
1 to 9 acres ..... farms..	46	16	28	7	6	8	12	12
acres harvested..	163	41	119	29	25	43	(D)	47
10 to 49 acres ..... farms..	144	121	91	40	53	46	87	191
acres harvested..	2 736	2 246	1 394	839	792	614	1 114	3 067
50 to 69 acres ..... farms..	41	35	31	13	8	25	40	57
acres harvested..	1 939	1 327	1 081	522	289	802	935	1 466
70 to 99 acres ..... farms..	126	79	85	29	49	43	66	95
acres harvested..	8 689	4 915	4 421	1 015	1 682	1 680	2 392	3 713
100 to 139 acres ..... farms..	104	52	77	34	33	59	64	122
acres harvested..	10 490	4 701	5 402	2 019	1 920	2 779	3 769	6 073
140 to 179 acres ..... farms..	178	88	122	60	47	70	65	81
acres harvested..	24 446	11 356	12 897	4 561	3 825	4 918	6 088	5 089
180 to 219 acres ..... farms..	96	49	59	56	30	51	42	67
acres harvested..	17 247	7 948	8 387	5 547	2 237	3 441	3 216	6 554
220 to 259 acres ..... farms..	147	44	87	43	44	25	45	45
acres harvested..	29 846	8 364	15 116	4 797	4 384	2 649	4 941	4 013
260 to 499 acres ..... farms..	462	173	291	167	142	170	128	192
acres harvested..	149 634	55 730	79 272	30 471	26 302	27 792	24 601	38 314
500 to 999 acres ..... farms..	217	179	209	136	121	105	84	118
acres harvested..	128 489	111 340	109 724	46 910	41 462	37 804	40 139	46 815
1,000 to 1,999 acres ..... farms..	33	44	45	42	22	29	25	45
acres harvested..	34 685	48 058	46 715	30 149	13 815	21 894	23 211	38 609
2,000 acres or more ..... farms..	3	12	7	8	7	5	1	8
acres harvested..	7 881	27 464	12 879	13 232	12 771	3 856	(D)	12 944
HARVESTED CROPLAND BY ACRES HARVESTED								
1997 acres harvested:								
1 to 9 acres ..... farms..	80	69	60	20	36	40	47	125
acres..	331	290	254	83	193	215	232	666
10 to 19 acres ..... farms..	39	42	57	34	47	54	67	105
acres..	490	545	743	445	617	720	895	1 445
20 to 29 acres ..... farms..	16	32	29	21	28	58	63	86
acres..	370	737	676	470	617	1 297	1 439	1 996
30 to 49 acres ..... farms..	44	37	49	57	65	73	92	133
acres..	1 670	1 437	1 823	2 174	2 477	2 842	3 318	5 056
50 to 99 acres ..... farms..	137	96	107	96	71	115	81	145
acres..	9 790	7 252	7 969	7 040	5 141	8 195	5 563	10 122
100 to 199 acres ..... farms..	328	158	164	112	89	94	96	139
acres..	47 140	22 927	23 910	15 755	12 866	13 070	13 204	18 305
200 to 499 acres ..... farms..	535	182	274	141	106	133	77	128
acres..	171 890	58 462	89 617	44 355	30 804	41 609	24 501	40 703
500 to 999 acres ..... farms..	216	160	153	50	54	40	64	66
acres..	144 789	111 084	104 516	34 207	36 654	27 462	44 402	46 344
1,000 acres or more ..... farms..	37	61	47	25	10	15	19	26
acres..	55 617	101 875	70 919	43 062	17 316	18 925	25 108	40 516
1992 acres harvested:								
1 to 9 acres ..... farms..	84	57	69	25	35	43	65	96
acres..	366	265	346	120	216	265	314	539
10 to 19 acres ..... farms..	51	42	73	36	43	52	69	129
acres..	692	573	1 011	476	629	717	946	1 741
20 to 29 acres ..... farms..	27	36	35	27	22	41	56	84
acres..	665	848	840	611	479	946	1 310	1 970
30 to 49 acres ..... farms..	63	52	67	57	68	67	84	147
acres..	2 346	1 927	2 560	2 257	2 550	2 519	3 173	5 379
50 to 99 acres ..... farms..	178	120	144	102	91	144	108	169
acres..	12 855	8 917	10 314	7 443	6 522	10 205	7 509	11 899
100 to 199 acres ..... farms..	371	157	208	151	105	110	100	156
acres..	53 957	23 173	30 518	21 101	14 873	15 248	13 514	21 410
200 to 499 acres ..... farms..	618	226	361	177	156	128	112	168
acres..	194 003	75 186	113 898	55 776	47 609	39 608	33 813	53 117
500 to 999 acres ..... farms..	180	163	142	42	35	45	53	66
acres..	116 805	111 694	92 714	27 756	22 822	31 805	36 381	45 480
1,000 acres or more ..... farms..	25	39	33	18	7	6	12	18
acres..	34 556	60 907	45 206	24 551	13 804	6 959	15 183	25 169

Table 7. **Harvested Cropland by Size of Farm and Acres Harvested: 1997 and 1992**—Con.

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

Farms with harvested cropland	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Farms.....number, 1997	**851**	**576**	**849**	**510**	**1 116**	**1 015**	**498**	**641**
1992	**916**	**618**	**949**	**584**	**1 273**	**1 032**	**562**	**744**
acres harvested, 1997	**234 397**	**129 229**	**374 565**	**214 360**	**230 401**	**365 559**	**196 909**	**318 484**
1992	**223 302**	**126 823**	**357 814**	**197 469**	**221 182**	**310 103**	**187 748**	**312 831**
HARVESTED CROPLAND BY SIZE OF FARM								
1997 size of farm:								
1 to 9 acres ..... farms	19	3	17	23	15	23	16	14
acres harvested	71	19	48	72	65	68	67	75
10 to 49 acres ..... farms	70	36	63	41	106	121	36	40
acres harvested	1 038	648	1 064	711	1 536	1 919	544	610
50 to 69 acres ..... farms	22	14	20	9	25	27	8	5
acres harvested	746	451	855	317	853	1 024	320	226
70 to 99 acres ..... farms	56	36	43	30	59	52	29	34
acres harvested	2 861	1 354	2 765	1 781	3 214	2 236	1 896	2 338
100 to 139 acres ..... farms	65	47	45	18	106	57	26	30
acres harvested	5 042	2 418	4 388	1 593	6 909	4 265	2 389	2 692
140 to 179 acres ..... farms	81	35	68	43	139	85	50	43
acres harvested	8 671	2 457	9 220	5 582	13 578	9 434	6 355	5 943
180 to 219 acres ..... farms	63	40	44	22	93	47	24	39
acres harvested	8 936	2 614	7 511	3 806	12 023	6 512	4 248	6 933
220 to 259 acres ..... farms	54	33	49	25	97	53	26	30
acres harvested	9 689	2 542	11 032	4 626	15 753	9 269	4 903	6 678
260 to 499 acres ..... farms	223	141	215	128	297	239	100	126
acres harvested	62 749	22 283	70 957	41 667	73 198	64 043	31 851	43 462
500 to 999 acres ..... farms	156	130	178	118	152	204	134	180
acres harvested	86 041	43 600	116 350	76 697	67 485	114 778	90 060	116 409
1,000 to 1,999 acres ..... farms	37	49	90	47	23	86	49	94
acres harvested	38 243	33 910	110 987	61 462	25 412	93 414	54 276	115 977
2,000 acres or more ..... farms	5	12	17	6	4	21	–	6
acres harvested	10 310	16 933	39 388	16 046	10 375	58 597	–	17 141
1992 size of farm:								
1 to 9 acres ..... farms	14	1	15	19	11	35	19	14
acres harvested	(D)	(D)	63	68	(D)	103	(D)	53
10 to 49 acres ..... farms	73	22	58	41	87	108	50	47
acres harvested	1 281	503	1 138	662	1 559	1 740	885	949
50 to 69 acres ..... farms	16	14	28	20	31	21	16	11
acres harvested	595	345	1 236	857	1 046	715	622	525
70 to 99 acres ..... farms	71	29	60	44	73	63	33	32
acres harvested	3 830	1 118	3 832	2 633	3 870	3 202	1 866	2 030
100 to 139 acres ..... farms	64	52	47	27	152	65	29	32
acres harvested	4 979	2 527	4 449	2 591	10 307	5 602	2 325	3 065
140 to 179 acres ..... farms	79	49	95	59	188	80	44	70
acres harvested	8 645	3 481	12 535	7 501	18 815	8 880	5 216	9 753
180 to 219 acres ..... farms	68	44	59	28	116	80	23	33
acres harvested	10 053	3 618	10 271	4 475	14 771	10 530	3 763	5 954
220 to 259 acres ..... farms	71	54	54	38	124	69	37	33
acres harvested	12 546	4 745	11 375	6 941	19 374	10 859	6 732	7 017
260 to 499 acres ..... farms	253	160	231	132	337	205	136	196
acres harvested	67 111	25 210	73 212	42 140	78 967	52 932	41 706	66 139
500 to 999 acres ..... farms	175	145	226	139	138	221	131	204
acres harvested	82 661	46 724	141 425	82 658	57 293	115 591	76 459	125 696
1,000 to 1,999 acres ..... farms	30	40	67	34	15	69	43	66
acres harvested	27 300	27 833	78 734	40 600	13 567	73 130	46 344	76 814
2,000 acres or more ..... farms	2	8	9	3	1	16	1	6
acres harvested	(D)	(D)	19 544	6 343	(D)	26 819	(D)	14 836
HARVESTED CROPLAND BY ACRES HARVESTED								
1997 acres harvested:								
1 to 9 acres ..... farms	53	25	37	36	81	75	34	35
acres	223	147	156	140	404	388	190	205
10 to 19 acres ..... farms	46	34	29	21	55	65	16	9
acres	654	465	372	263	746	863	214	129
20 to 29 acres ..... farms	22	28	13	10	36	43	6	9
acres	505	628	321	232	856	1 016	145	201
30 to 49 acres ..... farms	41	65	23	23	62	59	13	11
acres	1 521	2 449	831	785	2 349	2 105	487	436
50 to 99 acres ..... farms	101	121	68	36	172	86	43	54
acres	7 217	8 843	4 830	2 602	12 490	6 153	3 073	3 945
100 to 199 acres ..... farms	189	105	129	75	291	171	96	88
acres	27 468	14 688	18 727	10 882	41 240	24 531	13 871	13 054
200 to 499 acres ..... farms	263	126	288	151	337	272	125	186
acres	86 827	38 988	92 355	50 716	101 443	87 490	41 635	63 497
500 to 999 acres ..... farms	109	52	168	108	63	174	132	162
acres	73 060	34 962	117 049	73 946	41 636	119 278	95 464	114 581
1,000 acres or more ..... farms	27	20	94	50	19	70	33	87
acres	36 922	28 059	139 924	74 794	29 237	123 735	41 830	122 436
1992 acres harvested:								
1 to 9 acres ..... farms	50	11	36	35	51	88	43	27
acres	248	76	203	161	237	400	183	126
10 to 19 acres ..... farms	36	31	23	30	57	56	17	16
acres	508	410	296	407	809	772	235	201
20 to 29 acres ..... farms	25	40	17	6	35	40	19	7
acres	626	939	393	138	820	956	450	174
30 to 49 acres ..... farms	61	66	34	19	103	49	23	28
acres	2 399	2 487	1 287	726	4 029	1 809	907	1 121
50 to 99 acres ..... farms	110	125	83	55	226	108	57	52
acres	8 352	8 854	5 792	3 693	16 271	7 710	4 023	3 951
100 to 199 acres ..... farms	214	139	187	113	397	209	79	116
acres	32 496	19 520	27 846	15 953	56 915	30 318	11 560	17 378
200 to 499 acres ..... farms	322	152	314	184	355	267	191	266
acres	105 375	47 862	102 847	61 775	106 179	85 141	62 876	92 015
500 to 999 acres ..... farms	84	43	199	113	41	162	107	173
acres	54 564	29 565	139 076	75 084	26 227	106 704	75 365	117 725
1,000 acres or more ..... farms	14	11	56	29	8	53	26	59
acres	18 734	17 110	80 074	39 532	9 695	76 293	32 149	80 140

Table 8. **Irrigation: 1997 and 1992**

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

Farms with irrigation	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Farms ..... number, 1997	957	3	1	4	2	–	11
1992	1 063	2	–	5	5	2	11
Land in irrigated farms ..... acres, 1997	514 265	3 374	(D)	(D)	(D)	–	1 110
1992	476 154	(D)	–	656	750	(D)	2 823
Harvested cropland ..... farms, 1997	942	3	1	3	2	–	9
1992	1 055	2	–	5	5	2	11
acres, 1997	424 603	2 468	(D)	(D)	(D)	–	(D)
1992	387 050	(D)	–	245	199	(D)	1 749
Other cropland, excluding cropland pastured ..... farms, 1997	316	2	–	2	–	–	4
1992	550	1	–	–	–	1	6
acres, 1997	18 259	(D)	–	(D)	–	–	338
1992	31 976	(D)	–	–	–	(D)	237
Pastureland, excluding woodland pastured ..... farms, 1997	262	3	–	1	1	–	2
1992	317	2	–	2	3	1	6
acres, 1997	41 371	518	–	(D)	(D)	–	(D)
1992	27 312	(D)	–	(D)	439	(D)	144
Irrigated land ..... acres, 1997	124 983	(D)	(D)	(D)	(D)	–	399
1992	115 724	(D)	–	37	81	(D)	175
Harvested cropland ..... farms, 1997	930	3	1	3	2	–	9
1992	1 034	2	–	5	5	1	11
acres, 1997	123 084	(D)	(D)	(D)	(D)	–	(D)
1992	114 911	(D)	–	37	81	(D)	175
Pastureland and other land ..... farms, 1997	35	–	–	1	–	–	4
1992	48	–	–	–	–	1	–
acres, 1997	1 899	–	–	(D)	–	–	(D)
1992	813	–	–	–	–	(D)	–
1997 irrigated acres by size of farm:							
1 to 9 acres ..... farms	145	–	–	1	1	–	3
acres irrigated	230	–	–	(D)	(D)	–	(D)
10 to 49 acres ..... farms	145	–	–	1	–	–	4
acres irrigated	897	–	–	(D)	–	–	14
50 to 69 acres ..... farms	28	–	1	–	–	–	–
acres irrigated	410	–	(D)	–	–	–	–
70 to 99 acres ..... farms	24	–	–	–	–	–	–
acres irrigated	460	–	–	–	–	–	–
100 to 139 acres ..... farms	48	–	–	–	–	–	–
acres irrigated	1 101	–	–	–	–	–	–
140 to 179 acres ..... farms	41	–	–	–	–	–	3
acres irrigated	2 990	–	–	–	–	–	370
180 to 219 acres ..... farms	39	–	–	1	–	–	–
acres irrigated	2 707	–	–	(D)	–	–	–
220 to 259 acres ..... farms	19	–	–	–	–	–	–
acres irrigated	1 865	–	–	–	–	–	–
260 to 499 acres ..... farms	116	1	–	–	–	–	–
acres irrigated	14 046	(D)	–	–	–	–	–
500 to 999 acres ..... farms	181	1	–	1	1	–	1
acres irrigated	35 545	(D)	–	(D)	(D)	–	(D)
1,000 to 1,999 acres ..... farms	128	–	–	–	–	–	–
acres irrigated	41 848	–	–	–	–	–	–
2,000 acres or more ..... farms	43	1	–	–	–	–	–
acres irrigated	22 884	(D)	–	–	–	–	–
1992 irrigated acres by size of farm:							
1 to 9 acres ..... farms	179	–	–	1	1	–	1
acres irrigated	245	–	–	(D)	(D)	–	(D)
10 to 49 acres ..... farms	165	–	–	2	1	–	2
acres irrigated	1 076	–	–	(D)	(D)	–	(D)
50 to 69 acres ..... farms	16	–	–	–	–	–	1
acres irrigated	244	–	–	–	–	–	(D)
70 to 99 acres ..... farms	47	–	–	–	–	–	–
acres irrigated	1 315	–	–	–	–	–	–
100 to 139 acres ..... farms	37	–	–	–	1	–	2
acres irrigated	1 032	–	–	–	(D)	–	(D)
140 to 179 acres ..... farms	54	–	–	–	1	–	–
acres irrigated	2 611	–	–	–	(D)	–	–
180 to 219 acres ..... farms	39	–	–	–	–	1	1
acres irrigated	1 738	–	–	–	–	(D)	(D)
220 to 259 acres ..... farms	32	1	–	–	–	–	–
acres irrigated	1 828	(D)	–	–	–	–	–
260 to 499 acres ..... farms	159	–	–	2	1	–	2
acres irrigated	17 440	–	–	(D)	(D)	–	(D)
500 to 999 acres ..... farms	188	1	–	–	–	1	2
acres irrigated	32 326	(D)	–	–	–	(D)	(D)
1,000 to 1,999 acres ..... farms	116	–	–	–	–	–	–
acres irrigated	41 595	–	–	–	–	–	–
2,000 acres or more ..... farms	31	–	–	–	–	–	–
acres irrigated	14 274	–	–	–	–	–	–

Table 8. **Irrigation: 1997 and 1992**—Con.

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

Farms with irrigation	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Farms ..... number, 1997	23	10	7	5	5	4	2
1992	27	6	6	12	3	4	6
Land in irrigated farms ..... acres, 1997	2 711	551	3 383	(D)	(D)	545	(D)
1992	4 727	86	2 915	2 490	1 590	1 806	4 216
Harvested cropland ..... farms, 1997	23	10	7	5	5	4	2
1992	27	6	6	11	3	4	6
acres, 1997	1 904	441	2 807	656	(D)	440	(D)
1992	3 551	52	2 505	1 978	1 420	1 423	3 375
Other cropland, excluding cropland pastured ..... farms, 1997	13	1	1	3	1	–	–
1992	13	2	4	5	2	3	4
acres, 1997	336	(D)	(D)	(D)	(D)	–	–
1992	409	(D)	119	196	(D)	(D)	91
Pastureland, excluding woodland pastured ..... farms, 1997	3	4	3	1	2	–	1
1992	6	3	1	6	–	2	2
acres, 1997	104	18	34	(D)	(D)	–	(D)
1992	157	5	(D)	125	–	(D)	(D)
Irrigated land ..... acres, 1997	1 000	257	342	(D)	(D)	91	(D)
1992	960	20	280	387	430	254	341
Harvested cropland ..... farms, 1997	22	9	7	5	5	4	2
1992	27	6	5	9	3	4	6
acres, 1997	(D)	(D)	342	(D)	(D)	91	(D)
1992	(D)	(D)	(D)	356	430	254	341
Pastureland and other land ..... farms, 1997	1	1	–	–	–	–	–
1992	1	1	1	3	–	–	–
acres, 1997	(D)	(D)	–	–	–	–	–
1992	(D)	(D)	(D)	31	–	–	–
1997 irrigated acres by size of farm:							
1 to 9 acres ..... farms	6	4	–	–	2	–	–
acres irrigated	11	(D)	–	–	(D)	–	–
10 to 49 acres ..... farms	6	4	2	2	1	–	–
acres irrigated	26	27	(D)	(D)	(D)	–	–
50 to 69 acres ..... farms	–	–	–	–	–	–	–
acres irrigated	–	–	–	–	–	–	–
70 to 99 acres ..... farms	1	–	–	–	–	–	–
acres irrigated	(D)	–	–	–	–	–	–
100 to 139 acres ..... farms	2	–	–	1	–	3	–
acres irrigated	(D)	–	–	(D)	–	(D)	–
140 to 179 acres ..... farms	3	1	–	–	–	–	–
acres irrigated	(D)	(D)	–	–	–	–	–
180 to 219 acres ..... farms	1	–	1	–	–	1	–
acres irrigated	(D)	–	(D)	–	–	(D)	–
220 to 259 acres ..... farms	–	–	–	–	–	–	–
acres irrigated	–	–	–	–	–	–	–
260 to 499 acres ..... farms	4	1	2	–	1	–	–
acres irrigated	666	(D)	(D)	–	(D)	–	–
500 to 999 acres ..... farms	–	–	1	1	–	–	1
acres irrigated	–	–	(D)	(D)	–	–	(D)
1,000 to 1,999 acres ..... farms	–	–	1	–	–	–	–
acres irrigated	–	–	(D)	–	–	–	–
2,000 acres or more ..... farms	–	–	–	1	1	–	1
acres irrigated	–	–	–	(D)	(D)	–	(D)
1992 irrigated acres by size of farm:							
1 to 9 acres ..... farms	8	4	1	–	–	–	–
acres irrigated	11	(D)	(D)	–	–	–	–
10 to 49 acres ..... farms	5	1	1	5	–	–	–
acres irrigated	14	(D)	(D)	47	–	–	–
50 to 69 acres ..... farms	1	1	–	1	–	–	–
acres irrigated	(D)	(D)	–	(D)	–	–	–
70 to 99 acres ..... farms	1	–	–	2	–	–	1
acres irrigated	(D)	–	–	(D)	–	–	(D)
100 to 139 acres ..... farms	3	–	–	–	–	1	2
acres irrigated	6	–	–	–	–	(D)	(D)
140 to 179 acres ..... farms	3	–	1	–	1	–	–
acres irrigated	188	–	(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	2	–	–	2	1	–	–
acres irrigated	(D)	–	–	(D)	(D)	–	–
500 to 999 acres ..... farms	3	–	1	2	1	2	2
acres irrigated	365	–	(D)	(D)	(D)	(D)	(D)
1,000 to 1,999 acres ..... farms	1	–	1	–	–	–	–
acres irrigated	(D)	–	(D)	–	–	–	–
2,000 acres or more ..... farms	–	–	–	–	–	–	1
acres irrigated	–	–	–	–	–	–	(D)

Table 8. **Irrigation: 1997 and 1992**—Con.

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

Farms with irrigation	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Farms ..... number, 1997	7	3	7	10	–	6	5
1992	5	1	7	5	5	10	4
Land in irrigated farms ..... acres, 1997	3 408	(D)	1 044	(D)	–	2 622	1 639
1992	3 623	(D)	(D)	2 046	1 504	5 821	381
Harvested cropland ..... farms, 1997	7	3	7	10	–	6	5
1992	5	1	7	5	5	10	2
acres, 1997	3 044	(D)	(D)	(D)	–	2 179	760
1992	3 149	(D)	(D)	1 672	1 220	5 199	(D)
Other cropland, excluding cropland pastured ..... farms, 1997	3	–	2	2	–	–	2
1992	5	–	1	2	2	7	1
acres, 1997	(D)	–	(D)	(D)	–	–	(D)
1992	130	–	(D)	(D)	(D)	357	(D)
Pastureland, excluding woodland pastured ..... farms, 1997	2	2	2	1	–	3	3
1992	2	1	1	2	4	2	4
acres, 1997	(D)	(D)	(D)	(D)	–	368	615
1992	(D)	(D)	(D)	(D)	118	(D)	243
Irrigated land ..... acres, 1997	575	(D)	(D)	199	–	613	383
1992	635	(D)	16	(D)	913	1 077	73
Harvested cropland ..... farms, 1997	7	3	7	10	–	6	4
1992	5	1	7	5	5	10	2
acres, 1997	575	(D)	(D)	199	–	613	(D)
1992	635	(D)	16	(D)	913	1 077	(D)
Pastureland and other land ..... farms, 1997	–	–	–	–	–	–	1
1992	–	–	–	–	–	–	2
acres, 1997	–	–	–	–	–	–	(D)
1992	–	–	–	–	–	–	(D)
1997 irrigated acres by size of farm:							
1 to 9 acres ..... farms	1	1	3	4	–	–	–
acres irrigated	(D)	(D)	3	(D)	–	–	–
10 to 49 acres ..... farms	–	–	1	4	–	1	–
acres irrigated	–	–	(D)	16	–	(D)	–
50 to 69 acres ..... farms	–	1	–	–	–	–	–
acres irrigated	–	(D)	–	–	–	–	–
70 to 99 acres ..... farms	–	–	–	–	–	–	–
acres irrigated	–	–	–	–	–	–	–
100 to 139 acres ..... farms	–	–	1	–	–	1	–
acres irrigated	–	–	(D)	–	–	(D)	–
140 to 179 acres ..... farms	–	–	–	–	–	–	–
acres irrigated	–	–	–	–	–	–	–
180 to 219 acres ..... farms	1	–	–	–	–	–	2
acres irrigated	(D)	–	–	–	–	–	(D)
220 to 259 acres ..... farms	–	–	–	–	–	–	–
acres irrigated	–	–	–	–	–	–	–
260 to 499 acres ..... farms	3	–	1	–	–	1	2
acres irrigated	364	–	(D)	–	–	(D)	(D)
500 to 999 acres ..... farms	1	–	1	1	–	3	1
acres irrigated	(D)	–	(D)	(D)	–	490	(D)
1,000 to 1,999 acres ..... farms	1	1	–	1	–	–	–
acres irrigated	(D)	(D)	–	(D)	–	–	–
2,000 acres or more ..... farms	–	–	–	–	–	–	–
acres irrigated	–	–	–	–	–	–	–
1992 irrigated acres by size of farm:							
1 to 9 acres ..... farms	–	–	4	1	1	–	–
acres irrigated	–	–	8	(D)	(D)	–	–
10 to 49 acres ..... farms	2	–	2	1	1	2	2
acres irrigated	(D)	–	(D)	(D)	(D)	(D)	(D)
50 to 69 acres ..... farms	–	–	–	–	–	–	–
acres irrigated	–	–	–	–	–	–	–
70 to 99 acres ..... farms	–	–	–	–	–	–	–
acres irrigated	–	–	–	–	–	–	–
100 to 139 acres ..... farms	–	–	–	–	–	–	–
acres irrigated	–	–	–	–	–	–	–
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	–	–	–	–	–	1	–
acres irrigated	–	–	–	–	–	(D)	–
260 to 499 acres ..... farms	1	–	–	–	1	3	–
acres irrigated	(D)	–	–	–	(D)	(D)	–
500 to 999 acres ..... farms	–	–	1	3	2	2	–
acres irrigated	–	–	(D)	(D)	(D)	(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 8. **Irrigation: 1997 and 1992**—Con.

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

Farms with irrigation	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Farms ..... number, 1997	9	7	9	5	17	5	3
1992	10	9	14	2	13	7	5
Land in irrigated farms ..... acres, 1997	2 967	3 152	1 006	3 265	7 272	621	(D)
1992	9 028	1 493	1 793	(D)	4 168	1 094	1 072
Harvested cropland ..... farms, 1997	9	6	9	5	17	5	3
1992	10	9	14	2	13	7	4
acres, 1997	2 482	1 911	(D)	2 768	6 213	238	(D)
1992	7 682	283	1 227	(D)	3 445	503	433
Other cropland, excluding cropland pastured ..... farms, 1997	7	3	1	2	5	2	–
1992	6	3	5	–	5	4	4
acres, 1997	270	650	(D)	(D)	376	(D)	–
1992	348	448	131	–	261	162	(D)
Pastureland, excluding woodland pastured ..... farms, 1997	2	3	3	5	6	3	1
1992	4	6	2	–	4	2	2
acres, 1997	(D)	360	50	367	162	(D)	(D)
1992	706	471	(D)	–	114	(D)	(D)
Irrigated land ..... acres, 1997	844	465	113	184	844	(D)	12
1992	758	115	103	(D)	238	54	11
Harvested cropland ..... farms, 1997	9	6	9	5	17	5	3
1992	10	9	14	2	13	7	4
acres, 1997	844	(D)	113	184	844	(D)	12
1992	758	115	103	(D)	238	54	(D)
Pastureland and other land ..... farms, 1997	–	1	–	–	–	–	–
1992	–	–	–	–	–	–	1
acres, 1997	–	(D)	–	–	–	–	–
1992	–	–	–	–	–	–	(D)
1997 irrigated acres by size of farm:							
1 to 9 acres ..... farms	2	1	3	–	4	2	–
acres irrigated	(D)	(D)	(D)	–	10	(D)	–
10 to 49 acres ..... farms	–	–	4	–	5	–	1
acres irrigated	–	–	18	–	28	–	(D)
50 to 69 acres ..... farms	–	–	–	–	–	1	–
acres irrigated	–	–	–	–	–	(D)	–
70 to 99 acres ..... farms	–	1	–	–	–	–	–
acres irrigated	–	(D)	–	–	–	–	–
100 to 139 acres ..... farms	2	–	–	–	1	1	–
acres irrigated	(D)	–	–	–	(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
acres irrigated	–	–	–	–	–	–	(D)
260 to 499 acres ..... farms	–	1	1	–	–	1	–
acres irrigated	–	(D)	(D)	–	–	(D)	–
500 to 999 acres ..... farms	3	–	1	5	3	–	–
acres irrigated	571	–	(D)	184	(D)	–	–
1,000 to 1,999 acres ..... farms	–	2	–	–	3	–	1
acres irrigated	–	(D)	–	–	630	–	(D)
2,000 acres or more ..... farms	–	–	–	–	–	–	–
acres irrigated	–	–	–	–	–	–	–
1992 irrigated acres by size of farm:							
1 to 9 acres ..... farms	2	–	6	1	2	1	–
acres irrigated	(D)	–	10	(D)	(D)	(D)	–
10 to 49 acres ..... farms	–	1	5	1	3	2	–
acres irrigated	–	(D)	30	(D)	17	(D)	–
50 to 69 acres ..... farms	–	–	–	–	1	–	–
acres irrigated	–	–	–	–	(D)	–	–
70 to 99 acres ..... farms	–	–	–	–	3	2	2
acres irrigated	–	–	–	–	58	(D)	(D)
100 to 139 acres ..... farms	1	–	–	–	–	–	–
acres irrigated	(D)	–	–	–	–	–	–
140 to 179 acres ..... farms	–	5	–	–	1	–	1
acres irrigated	–	96	–	–	(D)	–	(D)
180 to 219 acres ..... farms	–	1	–	–	–	–	–
acres irrigated	–	(D)	–	–	–	–	–
220 to 259 acres ..... farms	–	2	–	–	–	–	1
acres irrigated	–	(D)	–	–	–	–	(D)
260 to 499 acres ..... farms	2	–	2	–	–	1	1
acres irrigated	(D)	–	(D)	–	–	(D)	(D)
500 to 999 acres ..... farms	1	–	1	–	1	1	–
acres irrigated	(D)	–	(D)	–	(D)	(D)	–
1,000 to 1,999 acres ..... farms	3	–	–	–	2	–	–
acres irrigated	(D)	–	–	–	(D)	–	–
2,000 acres or more ..... farms	1	–	–	–	–	–	–
acres irrigated	(D)	–	–	–	–	–	–

Table 8. **Irrigation: 1997 and 1992**—Con.

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

Farms with irrigation	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Farms ..... number, 1997	5	14	3	6	2	13	12	2
1992	10	16	3	16	2	9	7	10
Land in irrigated farms ..... acres, 1997	(D)	7 857	(D)	(D)	(D)	3 690	10 313	(D)
1992	2 508	8 435	(D)	1 423	(D)	4 327	4 865	611
Harvested cropland ..... farms, 1997	5	14	3	5	2	13	12	2
1992	10	16	3	16	2	9	7	10
acres, 1997	(D)	6 980	(D)	(D)	(D)	2 389	9 454	(D)
1992	1 869	7 387	(D)	1 004	(D)	3 060	4 178	469
Other cropland, excluding cropland pastured ..... farms, 1997	–	5	1	1	1	4	4	–
1992	1	9	2	5	2	3	1	–
acres, 1997	–	113	(D)	(D)	(D)	59	74	–
1992	(D)	388	(D)	(D)	(D)	56	(D)	–
Pastureland, excluding woodland pastured ..... farms, 1997	1	6	–	1	1	3	4	–
1992	6	4	–	2	2	4	1	3
acres, 1997	(D)	318	–	(D)	(D)	(D)	178	–
1992	223	194	–	(D)	(D)	(D)	(D)	(D)
Irrigated land ..... acres, 1997	10	1 945	(D)	20	(D)	738	1 924	(D)
1992	661	814	(D)	185	(D)	445	920	179
Harvested cropland ..... farms, 1997	5	14	3	5	2	13	12	2
1992	10	16	3	15	2	9	7	10
acres, 1997	10	1 945	(D)	(D)	(D)	738	1 924	(D)
1992	661	814	(D)	(D)	(D)	445	920	179
Pastureland and other land ..... farms, 1997	–	–	–	1	–	–	–	–
1992	–	–	–	1	–	–	–	–
acres, 1997	–	–	–	(D)	–	–	–	–
1992	–	–	–	(D)	–	–	–	–
1997 irrigated acres by size of farm:								
1 to 9 acres ..... farms	3	2	–	3	–	3	–	2
acres irrigated	(D)	(D)	–	3	–	3	–	(D)
10 to 49 acres ..... farms	1	2	1	2	–	4	–	–
acres irrigated	(D)	(D)	(D)	(D)	–	10	–	–
50 to 69 acres ..... farms	–	–	–	–	–	–	1	–
acres irrigated	–	–	–	–	–	–	(D)	–
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	–	–	–	–	–
acres irrigated	–	–	(D)	–	–	–	–	–
180 to 219 acres ..... farms	1	–	–	–	–	1	–	–
acres irrigated	(D)	–	–	–	–	(D)	–	–
220 to 259 acres ..... farms	–	1	–	–	–	–	–	–
acres irrigated	–	(D)	–	–	–	–	–	–
260 to 499 acres ..... farms	–	–	–	–	1	3	2	–
acres irrigated	–	–	–	–	(D)	465	(D)	–
500 to 999 acres ..... farms	–	5	1	–	1	–	5	–
acres irrigated	–	1 256	(D)	–	(D)	–	749	–
1,000 to 1,999 acres ..... farms	–	3	–	1	–	–	2	–
acres irrigated	–	570	–	(D)	–	–	(D)	–
2,000 acres or more ..... farms	–	–	–	–	–	1	1	–
acres irrigated	–	–	–	–	–	(D)	(D)	–
1992 irrigated acres by size of farm:								
1 to 9 acres ..... farms	2	3	1	6	–	2	–	3
acres irrigated	(D)	(D)	(D)	6	–	(D)	–	13
10 to 49 acres ..... farms	2	3	1	6	–	1	–	4
acres irrigated	(D)	3	(D)	28	–	(D)	–	4
50 to 69 acres ..... farms	–	–	–	–	–	–	–	–
acres irrigated	–	–	–	–	–	–	–	–
70 to 99 acres ..... farms	–	–	–	1	–	–	–	–
acres irrigated	–	–	–	(D)	–	–	–	–
100 to 139 acres ..... farms	1	–	–	–	–	–	–	–
acres irrigated	(D)	–	–	–	–	–	–	–
140 to 179 acres ..... farms	–	3	–	–	–	–	–	1
acres irrigated	–	15	–	–	–	–	–	(D)
180 to 219 acres ..... farms	3	–	–	–	–	–	–	2
acres irrigated	202	–	–	–	–	–	–	(D)
220 to 259 acres ..... farms	–	–	–	–	–	–	–	–
acres irrigated	–	–	–	–	–	–	–	–
260 to 499 acres ..... farms	–	–	–	2	–	4	2	–
acres irrigated	–	–	–	(D)	–	265	(D)	–
500 to 999 acres ..... farms	1	2	–	1	2	1	4	–
acres irrigated	(D)	(D)	–	(D)	(D)	(D)	590	–
1,000 to 1,999 acres ..... farms	1	5	1	–	–	1	1	–
acres irrigated	(D)	760	(D)	–	–	(D)	(D)	–
2,000 acres or more ..... farms	–	–	–	–	–	–	–	–
acres irrigated	–	–	–	–	–	–	–	–

Table 8. **Irrigation: 1997 and 1992**—Con.

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

Farms with irrigation	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Farms ..... number, 1997	13	7	4	3	6	8	6	59
1992	13	6	1	7	2	8	10	75
Land in irrigated farms ..... acres, 1997	25 810	4 321	(D)	(D)	(D)	6 434	(D)	60 843
1992	20 087	1 842	(D)	1 154	(D)	4 412	1 846	54 011
Harvested cropland ..... farms, 1997	12	7	4	2	6	8	6	59
1992	13	6	1	7	2	8	10	74
acres, 1997	10 891	3 662	(D)	(D)	(D)	6 026	(D)	57 150
1992	16 781	(D)	(D)	778	(D)	4 050	(D)	48 955
Other cropland, excluding cropland pastured ..... farms, 1997	4	5	1	1	3	2	1	10
1992	12	2	1	5	2	6	5	53
acres, 1997	262	99	(D)	(D)	(D)	(D)	(D)	377
1992	1 383	(D)	(D)	89	(D)	233	54	2 217
Pastureland, excluding woodland pastured ..... farms, 1997	6	6	1	2	1	1	–	7
1992	4	4	–	6	–	1	–	15
acres, 1997	14 115	279	(D)	(D)	(D)	(D)	–	836
1992	(D)	313	–	233	–	(D)	–	698
Irrigated land ..... acres, 1997	1 932	1 207	(D)	(D)	(D)	480	(D)	20 699
1992	2 076	(D)	(D)	664	(D)	775	155	17 450
Harvested cropland ..... farms, 1997	12	7	3	2	5	8	6	59
1992	13	6	–	7	2	8	10	72
acres, 1997	(D)	1 207	3	(D)	(D)	480	(D)	20 699
1992	(D)	(D)	–	664	(D)	775	155	17 371
Pastureland and other land ..... farms, 1997	1	–	1	1	1	–	–	–
1992	1	–	1	–	–	–	–	5
acres, 1997	(D)	–	(D)	(D)	(D)	–	–	–
1992	(D)	–	(D)	–	–	–	–	79
1997 irrigated acres by size of farm:								
1 to 9 acres ..... farms	–	–	2	1	3	1	4	2
acres irrigated	–	–	(D)	(D)	5	(D)	6	(D)
10 to 49 acres ..... farms	1	1	1	–	1	–	–	–
acres irrigated	(D)	(D)	(D)	–	(D)	–	–	–
50 to 69 acres ..... farms	–	–	–	–	–	–	–	2
acres irrigated	–	–	–	–	–	–	–	(D)
70 to 99 acres ..... farms	–	–	–	1	–	–	–	2
acres irrigated	–	–	–	(D)	–	–	–	(D)
100 to 139 acres ..... farms	2	–	–	–	–	–	–	2
acres irrigated	(D)	–	–	–	–	–	–	(D)
140 to 179 acres ..... farms	–	2	–	–	–	–	–	3
acres irrigated	–	(D)	–	–	–	–	–	382
180 to 219 acres ..... farms	–	–	–	–	–	–	1	1
acres irrigated	–	–	–	–	–	–	(D)	(D)
220 to 259 acres ..... farms	–	–	–	–	1	1	–	3
acres irrigated	–	–	–	–	(D)	(D)	–	418
260 to 499 acres ..... farms	1	–	–	1	–	–	–	9
acres irrigated	(D)	–	–	(D)	–	–	–	1 667
500 to 999 acres ..... farms	2	2	–	–	–	4	–	10
acres irrigated	(D)	(D)	–	–	–	199	–	2 537
1,000 to 1,999 acres ..... farms	4	2	1	–	1	1	1	17
acres irrigated	1 080	(D)	(D)	–	(D)	(D)	(D)	9 558
2,000 acres or more ..... farms	3	–	–	–	–	1	–	8
acres irrigated	587	–	–	–	–	(D)	–	5 752
1992 irrigated acres by size of farm:								
1 to 9 acres ..... farms	–	1	–	1	–	2	3	2
acres irrigated	–	(D)	–	(D)	–	(D)	(D)	(D)
10 to 49 acres ..... farms	–	1	–	1	1	–	5	4
acres irrigated	–	(D)	–	(D)	(D)	–	16	73
50 to 69 acres ..... farms	–	–	–	–	–	–	–	–
acres irrigated	–	–	–	–	–	–	–	–
70 to 99 acres ..... farms	–	–	–	–	–	–	–	5
acres irrigated	–	–	–	–	–	–	–	136
100 to 139 acres ..... farms	2	2	–	–	–	–	–	1
acres irrigated	(D)	(D)	–	–	–	–	–	(D)
140 to 179 acres ..... farms	–	–	1	2	–	1	–	1
acres irrigated	–	–	(D)	(D)	–	(D)	–	(D)
180 to 219 acres ..... farms	–	–	–	1	1	1	–	2
acres irrigated	–	–	–	(D)	(D)	(D)	–	(D)
220 to 259 acres ..... farms	–	–	–	–	–	–	–	4
acres irrigated	–	–	–	–	–	–	–	305
260 to 499 acres ..... farms	3	–	–	2	–	–	–	16
acres irrigated	(D)	–	–	(D)	–	–	–	1 667
500 to 999 acres ..... farms	–	2	–	–	–	2	1	22
acres irrigated	–	(D)	–	–	–	(D)	(D)	4 556
1,000 to 1,999 acres ..... farms	5	–	–	–	–	2	1	14
acres irrigated	1 200	–	–	–	–	(D)	(D)	7 817
2,000 acres or more ..... farms	3	–	–	–	–	–	–	4
acres irrigated	420	–	–	–	–	–	–	2 694

Table 8. **Irrigation: 1997 and 1992**—Con.

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

Farms with irrigation	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
Farms ..... number, 1997	2	2	1	2	4	9	6	5
1992	4	5	3	1	5	14	13	4
Land in irrigated farms ..... acres, 1997	(D)	(D)	(D)	(D)	471	5 584	1 633	(D)
1992	(D)	1 583	(D)	(D)	(D)	4 516	3 947	(D)
Harvested cropland ..... farms, 1997	2	2	1	2	4	9	6	5
1992	4	5	3	1	5	14	13	4
acres, 1997	(D)	(D)	(D)	(D)	250	1 946	(D)	(D)
1992	(D)	1 233	(D)	(D)	(D)	2 105	2 914	(D)
Other cropland, excluding cropland pastured ..... farms, 1997	1	1	–	–	1	5	2	4
1992	–	4	1	1	3	4	6	3
acres, 1997	(D)	(D)	–	–	(D)	366	(D)	(D)
1992	–	63	(D)	(D)	(D)	152	356	(D)
Pastureland, excluding woodland pastured ..... farms, 1997	–	–	1	–	3	6	2	1
1992	2	2	1	–	5	8	4	2
acres, 1997	–	–	(D)	–	(D)	1 672	(D)	(D)
1992	(D)	(D)	(D)	–	385	(D)	458	(D)
Irrigated land ..... acres, 1997	(D)	(D)	(D)	(D)	22	248	(D)	(D)
1992	9	172	(D)	(D)	(D)	284	786	7
Harvested cropland ..... farms, 1997	2	2	–	2	3	8	6	5
1992	4	5	3	1	5	14	13	4
acres, 1997	(D)	(D)	–	(D)	(D)	(D)	(D)	(D)
1992	9	172	(D)	(D)	(D)	284	786	7
Pastureland and other land ..... farms, 1997	1	–	1	–	1	1	–	–
1992	–	–	–	–	–	–	–	–
acres, 1997	(D)	–	(D)	–	(D)	(D)	–	–
1992	–	–	–	–	–	–	–	–
1997 irrigated acres by size of farm:								
1 to 9 acres ..... farms	–	–	–	2	–	1	2	1
acres irrigated	–	–	–	(D)	–	(D)	(D)	(D)
10 to 49 acres ..... farms	1	2	–	–	–	–	1	2
acres irrigated	(D)	(D)	–	–	–	–	(D)	(D)
50 to 69 acres ..... farms	1	–	–	–	1	–	–	–
acres irrigated	(D)	–	–	–	(D)	–	–	–
70 to 99 acres ..... farms	–	–	–	–	1	–	–	–
acres irrigated	–	–	–	–	(D)	–	–	–
100 to 139 acres ..... farms	–	–	–	–	–	2	1	1
acres irrigated	–	–	–	–	–	(D)	(D)	(D)
140 to 179 acres ..... farms	–	–	–	–	1	–	–	–
acres irrigated	–	–	–	–	(D)	–	–	–
180 to 219 acres ..... farms	–	–	1	–	1	–	1	–
acres irrigated	–	–	(D)	–	(D)	–	(D)	–
220 to 259 acres ..... farms	–	–	–	–	–	–	–	–
acres irrigated	–	–	–	–	–	–	–	–
260 to 499 acres ..... farms	–	–	–	–	–	2	–	1
acres irrigated	–	–	–	–	–	(D)	–	(D)
500 to 999 acres ..... farms	–	–	–	–	–	2	–	–
acres irrigated	–	–	–	–	–	(D)	–	–
1,000 to 1,999 acres ..... farms	–	–	–	–	–	2	1	–
acres irrigated	–	–	–	–	–	(D)	(D)	–
2,000 acres or more ..... farms	–	–	–	–	–	–	–	–
acres irrigated	–	–	–	–	–	–	–	–
1992 irrigated acres by size of farm:								
1 to 9 acres ..... farms	1	1	2	–	–	3	4	1
acres irrigated	(D)	(D)	(D)	–	–	4	4	(D)
10 to 49 acres ..... farms	2	–	–	–	–	3	4	1
acres irrigated	(D)	–	–	–	–	65	6	(D)
50 to 69 acres ..... farms	–	–	–	–	1	–	–	–
acres irrigated	–	–	–	–	(D)	–	–	–
70 to 99 acres ..... farms	–	–	–	–	–	–	–	–
acres irrigated	–	–	–	–	–	–	–	–
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	–	–	–	–	2	–	1	–
acres irrigated	–	–	–	–	(D)	–	(D)	–
220 to 259 acres ..... farms	–	–	–	–	–	1	–	–
acres irrigated	–	–	–	–	–	(D)	–	–
260 to 499 acres ..... farms	–	3	1	1	–	2	1	–
acres irrigated	–	(D)	(D)	(D)	–	(D)	(D)	–
500 to 999 acres ..... farms	1	1	–	–	–	1	1	2
acres irrigated	(D)	(D)	–	–	–	(D)	(D)	(D)
1,000 to 1,999 acres ..... farms	–	–	–	–	–	–	2	–
acres irrigated	–	–	–	–	–	–	(D)	–
2,000 acres or more ..... farms	–	–	–	–	1	1	–	–
acres irrigated	–	–	–	–	(D)	(D)	–	–

Table 8. **Irrigation: 1997 and 1992**—Con.

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

Farms with irrigation	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Farms ..... number, 1997	20	3	–	8	12	23	34	1
1992	13	7	2	6	14	37	24	–
Land in irrigated farms ..... acres, 1997	5 608	(D)	–	7 869	3 470	2 248	20 318	(D)
1992	2 640	1 256	(D)	1 272	4 487	3 027	13 375	–
Harvested cropland ..... farms, 1997	20	3	–	8	12	23	34	1
1992	13	7	2	6	14	37	24	–
acres, 1997	5 106	(D)	–	5 111	2 844	1 238	17 386	(D)
1992	1 904	1 035	(D)	974	3 453	2 021	10 966	–
Other cropland, excluding cropland pastured ..... farms, 1997	8	1	–	4	3	7	17	1
1992	3	2	–	1	5	13	15	–
acres, 1997	286	(D)	–	295	34	395	968	(D)
1992	(D)	(D)	–	(D)	244	297	1 235	–
Pastureland, excluding woodland pastured ..... farms, 1997	4	1	–	2	1	6	6	–
1992	3	1	1	1	4	6	6	–
acres, 1997	56	(D)	–	(D)	(D)	193	209	–
1992	49	(D)	(D)	(D)	138	90	243	–
Irrigated land ..... acres, 1997	771	(D)	–	614	939	189	5 015	(D)
1992	305	(D)	(D)	587	1 688	581	4 616	–
Harvested cropland ..... farms, 1997	20	3	–	8	12	23	34	1
1992	11	7	2	6	14	36	22	–
acres, 1997	771	(D)	–	614	939	189	5 015	(D)
1992	(D)	(D)	(D)	587	(D)	(D)	4 443	–
Pastureland and other land ..... farms, 1997	–	–	–	–	–	–	–	–
1992	2	–	–	–	1	2	7	–
acres, 1997	–	–	–	–	–	–	–	–
1992	(D)	–	–	–	(D)	(D)	173	–
1997 irrigated acres by size of farm:								
1 to 9 acres ..... farms	2	2	–	–	1	8	1	–
acres irrigated	(D)	(D)	–	–	(D)	11	(D)	–
10 to 49 acres ..... farms	8	–	–	1	4	10	2	–
acres irrigated	58	–	–	(D)	14	41	(D)	–
50 to 69 acres ..... farms	–	–	–	–	1	1	4	–
acres irrigated	–	–	–	–	(D)	(D)	(D)	–
70 to 99 acres ..... farms	2	–	–	–	–	–	1	–
acres irrigated	(D)	–	–	–	–	–	(D)	–
100 to 139 acres ..... farms	1	–	–	–	3	2	–	1
acres irrigated	(D)	–	–	–	21	(D)	–	(D)
140 to 179 acres ..... farms	–	–	–	–	–	–	1	–
acres irrigated	–	–	–	–	–	–	(D)	–
180 to 219 acres ..... farms	1	–	–	1	–	–	1	–
acres irrigated	(D)	–	–	(D)	–	–	(D)	–
220 to 259 acres ..... farms	1	–	–	1	–	–	1	–
acres irrigated	(D)	–	–	(D)	–	–	(D)	–
260 to 499 acres ..... farms	3	–	–	–	1	–	4	–
acres irrigated	7	–	–	–	(D)	–	467	–
500 to 999 acres ..... farms	–	1	–	3	1	2	13	–
acres irrigated	–	(D)	–	313	(D)	(D)	1 994	–
1,000 to 1,999 acres ..... farms	1	–	–	1	1	–	6	–
acres irrigated	(D)	–	–	(D)	(D)	–	2 010	–
2,000 acres or more ..... farms	1	–	–	1	–	–	–	–
acres irrigated	(D)	–	–	(D)	–	–	–	–
1992 irrigated acres by size of farm:								
1 to 9 acres ..... farms	3	1	1	2	4	13	3	–
acres irrigated	(D)	(D)	(D)	(D)	4	18	6	–
10 to 49 acres ..... farms	5	2	–	1	3	13	1	–
acres irrigated	70	(D)	–	(D)	10	82	(D)	–
50 to 69 acres ..... farms	–	–	–	–	–	1	1	–
acres irrigated	–	–	–	–	–	(D)	(D)	–
70 to 99 acres ..... farms	–	1	1	–	–	3	2	–
acres irrigated	–	(D)	(D)	–	–	(D)	(D)	–
100 to 139 acres ..... farms	3	–	–	–	1	–	1	–
acres irrigated	17	–	–	–	(D)	–	(D)	–
140 to 179 acres ..... farms	–	–	–	–	–	1	–	–
acres irrigated	–	–	–	–	–	(D)	–	–
180 to 219 acres ..... farms	–	2	–	–	–	2	2	–
acres irrigated	–	(D)	–	–	–	(D)	(D)	–
220 to 259 acres ..... farms	–	–	–	1	–	–	1	–
acres irrigated	–	–	–	(D)	–	–	(D)	–
260 to 499 acres ..... farms	1	–	–	1	3	3	4	–
acres irrigated	(D)	–	–	(D)	(D)	(D)	620	–
500 to 999 acres ..... farms	–	1	–	1	2	1	4	–
acres irrigated	–	(D)	–	(D)	(D)	(D)	484	–
1,000 to 1,999 acres ..... farms	1	–	–	–	1	–	4	–
acres irrigated	(D)	–	–	–	(D)	–	3 109	–
2,000 acres or more ..... farms	–	–	–	–	–	–	1	–
acres irrigated	–	–	–	–	–	–	(D)	–

Table 8. **Irrigation: 1997 and 1992**—Con.

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

Farms with irrigation	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Farms ..... number, 1997	7	6	5	7	6	3	7	102
1992	23	10	8	11	10	4	3	108
Land in irrigated farms ..... acres, 1997	3 435	(D)	(D)	1 552	(D)	5 956	1 766	108 888
1992	8 027	3 203	3 119	3 629	536	6 271	7	102 442
Harvested cropland ..... farms, 1997	7	5	4	7	6	3	7	102
1992	23	10	8	11	10	4	3	108
acres, 1997	2 454	(D)	(D)	(D)	(D)	4 362	1 332	100 776
1992	6 209	2 470	2 829	2 698	249	5 157	3	89 293
Other cropland, excluding cropland pastured ..... farms, 1997	2	3	1	3	2	2	1	32
1992	14	9	2	3	4	2	–	81
acres, 1997	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2 134
1992	523	232	(D)	220	147	(D)	–	6 158
Pastureland, excluding woodland pastured ..... farms, 1997	4	1	2	3	1	2	2	25
1992	10	8	3	2	2	2	–	17
acres, 1997	752	(D)	(D)	(D)	(D)	(D)	(D)	4 376
1992	972	391	51	(D)	(D)	(D)	–	3 253
Irrigated land ..... acres, 1997	515	46	(D)	55	8	(D)	394	40 838
1992	1 251	120	(D)	280	38	664	3	37 781
Harvested cropland ..... farms, 1997	7	5	4	7	6	3	6	102
1992	23	8	8	11	10	4	3	108
acres, 1997	515	(D)	(D)	55	8	(D)	(D)	40 838
1992	1 251	(D)	(D)	280	38	664	3	37 781
Pastureland and other land ..... farms, 1997	–	1	1	–	–	–	1	–
1992	–	2	–	–	–	–	–	–
acres, 1997	–	(D)	(D)	–	–	–	(D)	–
1992	–	(D)	–	–	–	–	–	–
1997 irrigated acres by size of farm:								
1 to 9 acres ..... farms	–	1	1	1	2	–	2	–
acres irrigated	–	(D)	(D)	(D)	(D)	–	(D)	–
10 to 49 acres ..... farms	1	2	–	2	2	–	–	–
acres irrigated	(D)	(D)	–	(D)	(D)	–	–	–
50 to 69 acres ..... farms	–	2	1	1	–	–	–	–
acres irrigated	–	(D)	(D)	(D)	–	–	–	–
70 to 99 acres ..... farms	–	–	1	1	–	–	–	–
acres irrigated	–	–	(D)	(D)	–	–	–	–
100 to 139 acres ..... farms	–	–	1	–	–	–	2	1
acres irrigated	–	–	(D)	–	–	–	(D)	(D)
140 to 179 acres ..... farms	1	–	–	1	–	–	1	4
acres irrigated	(D)	–	–	(D)	–	–	(D)	308
180 to 219 acres ..... farms	–	–	–	–	–	–	–	2
acres irrigated	–	–	–	–	–	–	–	(D)
220 to 259 acres ..... farms	–	–	–	–	–	–	–	2
acres irrigated	–	–	–	–	–	–	–	(D)
260 to 499 acres ..... farms	2	–	–	–	1	–	–	17
acres irrigated	(D)	–	–	–	(D)	–	–	3 238
500 to 999 acres ..... farms	2	–	–	–	1	–	2	38
acres irrigated	(D)	–	–	–	(D)	–	(D)	13 444
1,000 to 1,999 acres ..... farms	1	1	1	1	–	2	–	25
acres irrigated	(D)	(D)	(D)	(D)	–	(D)	–	12 764
2,000 acres or more ..... farms	–	–	–	–	–	1	–	13
acres irrigated	–	–	–	–	–	(D)	–	10 536
1992 irrigated acres by size of farm:								
1 to 9 acres ..... farms	–	–	2	2	4	–	3	–
acres irrigated	–	–	(D)	(D)	7	–	3	–
10 to 49 acres ..... farms	2	–	1	2	3	–	–	–
acres irrigated	(D)	–	(D)	(D)	4	–	–	–
50 to 69 acres ..... farms	–	1	–	1	–	–	–	–
acres irrigated	–	(D)	–	(D)	–	–	–	–
70 to 99 acres ..... farms	2	4	1	1	–	–	–	2
acres irrigated	(D)	92	(D)	(D)	–	–	–	(D)
100 to 139 acres ..... farms	–	2	–	–	1	–	–	1
acres irrigated	–	(D)	–	–	(D)	–	–	(D)
140 to 179 acres ..... farms	5	–	–	1	1	–	–	4
acres irrigated	270	–	–	(D)	(D)	–	–	304
180 to 219 acres ..... farms	1	–	1	–	1	–	–	–
acres irrigated	(D)	–	(D)	–	(D)	–	–	–
220 to 259 acres ..... farms	–	–	1	–	–	–	–	4
acres irrigated	–	–	(D)	–	–	–	–	347
260 to 499 acres ..... farms	7	–	–	1	–	1	–	18
acres irrigated	234	–	–	(D)	–	(D)	–	4 619
500 to 999 acres ..... farms	5	2	1	2	–	1	–	40
acres irrigated	506	(D)	(D)	(D)	–	(D)	–	11 051
1,000 to 1,999 acres ..... farms	1	1	–	1	–	–	–	31
acres irrigated	(D)	(D)	–	(D)	–	–	–	15 229
2,000 acres or more ..... farms	–	–	1	–	–	2	–	8
acres irrigated	–	–	(D)	–	–	(D)	–	6 105

Table 8. **Irrigation: 1997 and 1992**—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, 1997	2	2	41	4	7	8	27	9
1992	3	4	43	5	6	9	26	12
Land in irrigated farms ..... acres, 1997	(D)	(D)	15 654	2 053	5 384	2 709	22 417	6 652
1992	868	911	12 513	2 201	2 000	3 253	16 459	5 996
Harvested cropland ..... farms, 1997	1	2	41	4	7	8	27	9
1992	3	4	42	5	6	9	26	12
acres, 1997	(D)	(D)	14 263	1 869	4 915	1 929	18 791	5 442
1992	199	730	9 410	1 981	1 849	2 702	13 006	4 013
Other cropland, excluding cropland pastured ..... farms, 1997	1	–	20	2	4	3	8	3
1992	1	3	21	5	6	2	20	8
acres, 1997	(D)	–	482	(D)	168	147	1 601	214
1992	(D)	(D)	1 250	101	79	(D)	2 431	517
Pastureland, excluding woodland pastured ..... farms, 1997	1	1	7	1	4	3	9	4
1992	2	2	9	1	–	3	9	5
acres, 1997	(D)	(D)	258	(D)	57	(D)	484	771
1992	(D)	(D)	738	(D)	–	339	279	1 261
Irrigated land ..... acres, 1997	(D)	(D)	5 924	(D)	717	187	4 185	2 262
1992	3	32	4 415	(D)	604	1 400	3 962	1 930
Harvested cropland ..... farms, 1997	1	2	41	4	7	8	27	9
1992	2	2	42	5	4	9	26	12
acres, 1997	(D)	(D)	(D)	(D)	717	187	(D)	(D)
1992	(D)	(D)	4 251	(D)	(D)	1 400	3 962	1 930
Pastureland and other land ..... farms, 1997	1	–	1	–	–	–	1	1
1992	1	2	3	–	2	–	–	–
acres, 1997	(D)	–	(D)	–	–	–	(D)	(D)
1992	(D)	(D)	164	–	(D)	–	–	–
1997 irrigated acres by size of farm:								
1 to 9 acres ..... farms	1	–	5	–	–	3	1	–
acres irrigated	(D)	–	9	–	–	11	(D)	–
10 to 49 acres ..... farms	–	1	8	1	–	–	–	2
acres irrigated	–	(D)	153	(D)	–	–	–	(D)
50 to 69 acres ..... farms	–	–	–	–	–	–	–	–
acres irrigated	–	–	–	–	–	–	–	–
70 to 99 acres ..... farms	–	–	2	–	–	2	–	–
acres irrigated	–	–	(D)	–	–	(D)	–	–
100 to 139 acres ..... farms	–	–	2	1	–	–	–	–
acres irrigated	–	–	(D)	(D)	–	–	–	–
140 to 179 acres ..... farms	–	–	–	–	1	–	1	–
acres irrigated	–	–	–	–	(D)	–	(D)	–
180 to 219 acres ..... farms	1	–	2	–	–	1	1	1
acres irrigated	(D)	–	(D)	–	–	(D)	(D)	(D)
220 to 259 acres ..... farms	–	–	1	–	–	–	–	–
acres irrigated	–	–	(D)	–	–	–	–	–
260 to 499 acres ..... farms	–	–	10	–	2	–	8	1
acres irrigated	–	–	1 797	–	(D)	–	931	(D)
500 to 999 acres ..... farms	–	–	7	1	2	1	7	3
acres irrigated	–	–	1 859	(D)	(D)	(D)	965	650
1,000 to 1,999 acres ..... farms	–	1	4	1	2	1	7	2
acres irrigated	–	(D)	1 545	(D)	(D)	(D)	1 605	(D)
2,000 acres or more ..... farms	–	–	–	–	–	–	2	–
acres irrigated	–	–	–	–	–	–	(D)	–
1992 irrigated acres by size of farm:								
1 to 9 acres ..... farms	–	–	2	–	–	1	2	2
acres irrigated	–	–	(D)	–	–	(D)	(D)	(D)
10 to 49 acres ..... farms	–	1	14	–	–	–	–	–
acres irrigated	–	(D)	180	–	–	–	–	–
50 to 69 acres ..... farms	–	–	1	–	–	–	–	–
acres irrigated	–	–	(D)	–	–	–	–	–
70 to 99 acres ..... farms	–	–	–	–	–	2	–	1
acres irrigated	–	–	–	–	–	(D)	–	(D)
100 to 139 acres ..... farms	–	–	3	–	–	–	2	–
acres irrigated	–	–	293	–	–	–	(D)	–
140 to 179 acres ..... farms	–	–	–	2	4	1	–	–
acres irrigated	–	–	–	(D)	(D)	(D)	–	–
180 to 219 acres ..... farms	–	–	2	–	–	–	–	1
acres irrigated	–	–	(D)	–	–	–	–	(D)
220 to 259 acres ..... farms	–	–	2	–	–	–	3	1
acres irrigated	–	–	(D)	–	–	–	(D)	(D)
260 to 499 acres ..... farms	3	3	9	2	1	3	3	2
acres irrigated	3	(D)	1 365	(D)	(D)	236	270	(D)
500 to 999 acres ..... farms	–	–	9	–	–	2	11	4
acres irrigated	–	–	1 826	–	–	(D)	1 839	1 081
1,000 to 1,999 acres ..... farms	–	–	1	1	1	–	5	1
acres irrigated	–	–	(D)	(D)	(D)	–	1 537	(D)
2,000 acres or more ..... farms	–	–	–	–	–	–	–	–
acres irrigated	–	–	–	–	–	–	–	–

Table 8. **Irrigation: 1997 and 1992**—Con.

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

Farms with irrigation	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
Farms ..... number, 1997	7	20	17	3	1	8	11	5
1992	6	21	28	1	–	7	26	3
Land in irrigated farms ..... acres, 1997	1 325	338	13 099	237	(D)	6 509	2 391	710
1992	1 574	1 195	15 860	(D)	–	4 858	2 731	828
Harvested cropland ..... farms, 1997	7	20	17	3	1	8	11	5
1992	6	21	28	1	–	7	26	3
acres, 1997	1 173	122	12 049	(D)	(D)	5 707	1 379	(D)
1992	1 368	659	14 139	(D)	–	4 496	2 135	768
Other cropland, excluding cropland pastured ..... farms, 1997	3	6	8	2	1	3	2	–
1992	3	2	17	1	–	4	6	1
acres, 1997	81	37	447	(D)	(D)	(D)	(D)	–
1992	(D)	(D)	518	(D)	–	156	84	(D)
Pastureland, excluding woodland pastured ..... farms, 1997	1	6	2	–	1	2	3	3
1992	1	6	10	1	–	3	7	–
acres, 1997	(D)	43	(D)	–	(D)	(D)	82	(D)
1992	(D)	117	751	(D)	–	126	79	–
Irrigated land ..... acres, 1997	107	112	1 864	3	(D)	590	640	20
1992	(D)	417	3 067	(D)	–	739	988	168
Harvested cropland ..... farms, 1997	7	20	17	3	1	7	11	5
1992	5	21	28	1	–	7	26	3
acres, 1997	107	112	1 864	3	(D)	(D)	640	20
1992	(D)	417	3 067	(D)	–	(D)	(D)	168
Pastureland and other land ..... farms, 1997	–	–	–	–	–	2	–	–
1992	1	–	–	–	–	1	1	–
acres, 1997	–	–	–	–	–	(D)	–	–
1992	(D)	–	–	–	–	(D)	(D)	–
1997 irrigated acres by size of farm:								
1 to 9 acres ..... farms	2	5	1	–	–	1	3	–
acres irrigated	(D)	8	(D)	–	–	(D)	3	–
10 to 49 acres ..... farms	1	15	3	–	–	1	1	2
acres irrigated	(D)	104	(D)	–	–	(D)	(D)	(D)
50 to 69 acres ..... farms	–	–	1	1	–	1	–	–
acres irrigated	–	–	(D)	(D)	–	(D)	–	–
70 to 99 acres ..... farms	1	–	–	1	1	–	–	1
acres irrigated	(D)	–	–	(D)	(D)	–	–	(D)
100 to 139 acres ..... farms	1	–	–	1	–	–	1	1
acres irrigated	(D)	–	–	(D)	–	–	(D)	(D)
140 to 179 acres ..... farms	–	–	–	–	–	–	1	–
acres irrigated	–	–	–	–	–	–	(D)	–
180 to 219 acres ..... farms	–	–	2	–	–	–	–	–
acres irrigated	–	–	(D)	–	–	–	–	–
220 to 259 acres ..... farms	–	–	–	–	–	–	2	–
acres irrigated	–	–	–	–	–	–	(D)	–
260 to 499 acres ..... farms	1	–	2	–	–	2	–	1
acres irrigated	(D)	–	(D)	–	–	(D)	–	(D)
500 to 999 acres ..... farms	1	–	2	–	–	1	3	–
acres irrigated	(D)	–	(D)	–	–	(D)	(D)	–
1,000 to 1,999 acres ..... farms	–	–	4	–	–	1	–	–
acres irrigated	–	–	495	–	–	(D)	–	–
2,000 acres or more ..... farms	–	–	2	–	–	1	–	–
acres irrigated	–	–	(D)	–	–	(D)	–	–
1992 irrigated acres by size of farm:								
1 to 9 acres ..... farms	2	11	4	–	–	2	8	–
acres irrigated	(D)	22	4	–	–	(D)	12	–
10 to 49 acres ..... farms	–	6	7	–	–	–	9	–
acres irrigated	–	15	40	–	–	–	36	–
50 to 69 acres ..... farms	–	–	2	–	–	–	–	–
acres irrigated	–	–	(D)	–	–	–	–	–
70 to 99 acres ..... farms	–	1	–	–	–	–	1	–
acres irrigated	–	(D)	–	–	–	–	(D)	–
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	1	1	–	–	–	–	1	–
acres irrigated	(D)	(D)	–	–	–	–	(D)	–
220 to 259 acres ..... farms	–	1	–	–	–	1	3	–
acres irrigated	–	(D)	–	–	–	(D)	168	–
260 to 499 acres ..... farms	1	–	3	–	–	2	1	2
acres irrigated	(D)	–	350	–	–	(D)	(D)	(D)
500 to 999 acres ..... farms	1	1	6	–	–	–	2	–
acres irrigated	(D)	(D)	811	–	–	–	(D)	–
1,000 to 1,999 acres ..... farms	–	–	4	1	–	1	–	–
acres irrigated	–	–	1 390	(D)	–	(D)	–	–
2,000 acres or more ..... farms	–	–	2	–	–	1	–	–
acres irrigated	–	–	(D)	–	–	(D)	–	–

Table 8. **Irrigation: 1997 and 1992**—Con.

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

Farms with irrigation	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Farms ..... number, 1997	47	22	6	–	8	3	5	8
1992	41	14	10	1	2	10	3	7
Land in irrigated farms ..... acres, 1997	26 393	1 849	1 853	–	3 277	350	(D)	574
1992	19 544	2 474	2 473	(D)	(D)	2 723	(D)	484
Harvested cropland ..... farms, 1997	47	22	6	–	8	3	4	8
1992	41	14	10	1	2	10	3	7
acres, 1997	22 722	1 041	1 229	–	2 216	88	(D)	324
1992	15 529	1 549	1 371	(D)	(D)	736	(D)	228
Other cropland, excluding cropland pastured ..... farms, 1997	9	13	4	–	2	1	3	1
1992	25	8	4	–	1	8	–	1
acres, 1997	474	293	146	–	(D)	(D)	53	(D)
1992	1 581	245	132	–	(D)	951	–	(D)
Pastureland, excluding woodland pastured ..... farms, 1997	13	9	2	–	3	3	1	1
1992	11	3	3	1	–	4	1	3
acres, 1997	2 301	233	(D)	–	570	118	(D)	(D)
1992	1 481	(D)	406	(D)	–	500	(D)	(D)
Irrigated land ..... acres, 1997	7 899	325	91	–	152	13	51	255
1992	5 514	125	375	(D)	(D)	59	3	53
Harvested cropland ..... farms, 1997	47	22	6	–	8	1	4	8
1992	41	14	10	1	2	10	3	7
acres, 1997	(D)	325	91	–	152	(D)	(D)	255
1992	(D)	125	375	(D)	(D)	59	3	53
Pastureland and other land ..... farms, 1997	1	–	–	–	–	2	1	–
1992	3	–	–	–	–	–	–	–
acres, 1997	(D)	–	–	–	–	(D)	(D)	–
1992	(D)	–	–	–	–	–	–	–
1997 irrigated acres by size of farm:								
1 to 9 acres ..... farms	1	7	1	–	4	–	1	1
acres irrigated	(D)	9	(D)	–	8	–	(D)	(D)
10 to 49 acres ..... farms	–	5	–	–	–	–	3	4
acres irrigated	–	13	–	–	–	–	(D)	83
50 to 69 acres ..... farms	–	4	–	–	–	–	–	–
acres irrigated	–	(D)	–	–	–	–	–	–
70 to 99 acres ..... farms	1	–	–	–	–	2	–	1
acres irrigated	(D)	–	–	–	–	(D)	–	(D)
100 to 139 acres ..... farms	2	1	–	–	–	–	–	–
acres irrigated	(D)	(D)	–	–	–	–	–	–
140 to 179 acres ..... farms	5	1	1	–	–	–	–	1
acres irrigated	320	(D)	(D)	–	–	–	–	(D)
180 to 219 acres ..... farms	3	2	1	–	–	1	–	1
acres irrigated	371	(D)	(D)	–	–	(D)	–	(D)
220 to 259 acres ..... farms	1	1	–	–	1	–	–	–
acres irrigated	(D)	(D)	–	–	(D)	–	–	–
260 to 499 acres ..... farms	15	1	2	–	–	–	–	–
acres irrigated	1 758	(D)	(D)	–	–	–	–	–
500 to 999 acres ..... farms	12	–	1	–	1	–	–	–
acres irrigated	3 038	–	(D)	–	(D)	–	–	–
1,000 to 1,999 acres ..... farms	6	–	–	–	2	–	1	–
acres irrigated	1 884	–	–	–	(D)	–	(D)	–
2,000 acres or more ..... farms	1	–	–	–	–	–	–	–
acres irrigated	(D)	–	–	–	–	–	–	–
1992 irrigated acres by size of farm:								
1 to 9 acres ..... farms	4	5	4	–	1	1	2	–
acres irrigated	5	6	6	–	(D)	(D)	(D)	–
10 to 49 acres ..... farms	1	4	–	1	–	–	–	4
acres irrigated	(D)	22	–	(D)	–	–	–	29
50 to 69 acres ..... farms	1	1	–	–	–	–	–	1
acres irrigated	(D)	(D)	–	–	–	–	–	(D)
70 to 99 acres ..... farms	4	–	–	–	–	1	–	–
acres irrigated	175	–	–	–	–	(D)	–	–
100 to 139 acres ..... farms	–	1	–	–	–	–	–	1
acres irrigated	–	(D)	–	–	–	–	–	(D)
140 to 179 acres ..... farms	4	–	2	–	–	–	–	–
acres irrigated	554	–	(D)	–	–	–	–	–
180 to 219 acres ..... farms	–	–	–	–	–	2	–	1
acres irrigated	–	–	–	–	–	(D)	–	(D)
220 to 259 acres ..... farms	1	1	1	–	–	–	–	–
acres irrigated	(D)	(D)	(D)	–	–	–	–	–
260 to 499 acres ..... farms	10	1	1	–	1	6	1	–
acres irrigated	1 423	(D)	(D)	–	(D)	48	(D)	–
500 to 999 acres ..... farms	11	–	2	–	–	–	–	–
acres irrigated	1 411	–	(D)	–	–	–	–	–
1,000 to 1,999 acres ..... farms	4	1	–	–	–	–	–	–
acres irrigated	1 691	(D)	–	–	–	–	–	–
2,000 acres or more ..... farms	1	–	–	–	–	–	–	–
acres irrigated	(D)	–	–	–	–	–	–	–

Table 8. **Irrigation: 1997 and 1992**—Con.

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

Farms with irrigation	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Farms ..... number, 1997	2	3	9	3	13	44	3	1
1992	5	5	6	2	6	32	8	1
Land in irrigated farms ..... acres, 1997	(D)	(D)	336	(D)	3 308	29 158	3 140	(D)
1992	193	2 010	1 604	(D)	1 993	25 979	2 781	(D)
Harvested cropland ..... farms, 1997	2	2	9	3	10	44	3	1
1992	4	5	6	2	5	32	8	1
acres, 1997	(D)	(D)	279	(D)	1 914	27 499	2 866	(D)
1992	(D)	569	1 114	(D)	(D)	23 427	2 585	(D)
Other cropland, excluding cropland pastured ..... farms, 1997	–	2	–	–	5	10	–	–
1992	1	3	2	1	3	17	5	–
acres, 1997	–	(D)	–	–	690	730	–	–
1992	(D)	514	(D)	(D)	(D)	1 470	95	–
Pastureland, excluding woodland pastured ..... farms, 1997	–	1	–	–	5	6	–	–
1992	2	5	–	–	6	4	2	1
acres, 1997	–	(D)	–	–	424	138	–	–
1992	(D)	713	–	–	438	(D)	(D)	(D)
Irrigated land ..... acres, 1997	(D)	(D)	87	3	179	7 782	402	(D)
1992	(D)	46	64	(D)	62	6 352	482	(D)
Harvested cropland ..... farms, 1997	2	2	9	3	10	44	3	1
1992	4	5	6	2	5	32	8	1
acres, 1997	(D)	(D)	87	3	170	7 782	402	(D)
1992	5	46	64	(D)	(D)	6 352	482	(D)
Pastureland and other land ..... farms, 1997	–	1	–	–	3	–	–	–
1992	1	–	–	–	1	–	–	–
acres, 1997	–	(D)	–	–	9	–	–	–
1992	(D)	–	–	–	(D)	–	–	–
1997 irrigated acres by size of farm:								
1 to 9 acres ..... farms	–	–	5	2	1	8	–	1
acres irrigated	–	–	9	(D)	(D)	8	–	(D)
10 to 49 acres ..... farms	2	1	1	1	1	4	–	–
acres irrigated	(D)	(D)	(D)	(D)	(D)	4	–	–
50 to 69 acres ..... farms	–	–	1	–	2	–	–	–
acres irrigated	–	–	(D)	–	(D)	–	–	–
70 to 99 acres ..... farms	–	–	–	–	–	–	–	–
acres irrigated	–	–	–	–	–	–	–	–
100 to 139 acres ..... farms	–	–	1	–	2	2	–	–
acres irrigated	–	–	(D)	–	(D)	(D)	–	–
140 to 179 acres ..... farms	–	–	1	–	1	2	–	–
acres irrigated	–	–	(D)	–	(D)	(D)	–	–
180 to 219 acres ..... farms	–	1	–	–	1	1	–	–
acres irrigated	–	(D)	–	–	(D)	(D)	–	–
220 to 259 acres ..... farms	–	–	–	–	–	1	–	–
acres irrigated	–	–	–	–	–	(D)	–	–
260 to 499 acres ..... farms	–	–	–	–	3	1	–	–
acres irrigated	–	–	–	–	7	(D)	–	–
500 to 999 acres ..... farms	–	1	–	–	1	14	2	–
acres irrigated	–	(D)	–	–	(D)	3 454	(D)	–
1,000 to 1,999 acres ..... farms	–	–	–	–	1	8	1	–
acres irrigated	–	–	–	–	(D)	2 905	(D)	–
2,000 acres or more ..... farms	–	–	–	–	–	3	–	–
acres irrigated	–	–	–	–	–	1 002	–	–
1992 irrigated acres by size of farm:								
1 to 9 acres ..... farms	2	–	1	1	2	9	3	–
acres irrigated	(D)	–	(D)	(D)	(D)	(D)	3	–
10 to 49 acres ..... farms	1	–	1	–	–	5	–	–
acres irrigated	(D)	–	(D)	–	–	15	–	–
50 to 69 acres ..... farms	–	–	–	–	–	–	–	–
acres irrigated	–	–	–	–	–	–	–	–
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	–	1	–	–	1	–	–	–
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	–	3	1	–	1	–	2	–
acres irrigated	–	(D)	(D)	–	(D)	–	(D)	–
500 to 999 acres ..... farms	–	1	–	1	–	4	1	1
acres irrigated	–	(D)	–	(D)	–	520	(D)	(D)
1,000 to 1,999 acres ..... farms	–	–	1	–	1	12	1	–
acres irrigated	–	–	(D)	–	(D)	4 636	(D)	–
2,000 acres or more ..... farms	–	–	–	–	–	2	–	–
acres irrigated	–	–	–	–	–	(D)	–	–

Table 9. **Machinery and Equipment on Place: 1997 and 1992**

[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
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment ..... farms, 1997	90 747	791	573	959	797	649	1 209
1992	96 386	892	633	999	827	740	1 325
$1,000, 1997	7 318 851	53 573	38 914	65 962	35 661	56 807	109 537
1992	6 647 461	54 061	30 986	64 197	31 874	59 690	89 528
Average per farm ..... dollars, 1997	80 651	67 728	67 912	68 782	44 744	87 530	90 602
1992	68 967	60 607	48 951	64 262	38 542	80 662	67 568
Farms by value group:							
$1 to $9,999 1997	13 791	97	74	109	149	104	103
1992	11 392	93	122	146	190	69	182
$10,000 to $19,999 1997	13 192	152	88	97	160	98	156
1992	14 798	111	193	122	122	75	176
$20,000 to $29,999 1997	9 546	97	123	139	115	49	170
1992	11 826	112	46	60	200	88	191
$30,000 to $49,999 1997	11 648	146	100	83	164	84	142
1992	13 803	201	57	242	167	105	140
$50,000 to $69,999 1997	8 892	55	33	164	92	117	69
1992	10 949	121	38	103	24	73	207
$70,000 to $99,999 1997	8 157	118	52	108	55	17	143
1992	10 044	88	64	110	43	88	148
$100,000 to $199,999 1997	15 110	86	54	220	46	69	277
1992	15 979	130	92	160	55	174	158
$200,000 to $499,999 1997	9 363	24	47	35	7	104	130
1992	7 270	33	20	52	25	65	117
$500,000 or more 1997	1 048	16	2	4	9	7	19
1992	325	3	1	4	1	3	6
SELECTED MACHINERY AND EQUIPMENT							
Motortrucks, including pickups ..... farms, 1997	83 941	745	525	868	717	612	1 137
1992	87 526	832	550	894	725	667	1 264
number, 1997	147 779	1 288	970	1 204	1 220	1 011	2 154
1992	143 737	1 266	897	1 324	1 077	1 251	2 063
Wheel tractors ..... farms, 1997	84 736	725	539	915	744	573	1 110
1992	89 827	831	595	935	742	678	1 249
number, 1997	255 019	2 234	1 510	2 828	1 717	1 681	3 484
1992	291 064	2 432	1 526	3 255	1 713	2 368	4 134
Less than 40 horsepower (PTO) ..... farms, 1997	38 074	360	197	455	249	195	527
1992	43 331	377	276	424	317	301	623
number, 1997	59 853	651	301	751	321	333	747
1992	74 314	611	447	873	514	421	1 137
40 horsepower (PTO) or more ..... farms, 1997	76 722	681	494	837	697	511	991
1992	80 301	733	508	814	584	648	1 095
number, 1997	195 166	1 583	1 209	2 077	1 396	1 348	2 737
1992	216 750	1 821	1 079	2 382	1 199	1 947	2 997
40 to 99 horsepower (PTO) ..... farms, 1997	63 516	542	331	726	582	403	802
number, 1997	108 644	864	608	1 405	991	742	1 471
100 horsepower (PTO) or more ..... farms, 1997	49 966	502	346	416	327	362	678
number, 1997	86 522	719	601	672	405	606	1 266
Grain and bean combines ..... farms, 1997	42 979	457	280	288	262	324	684
1992	50 372	418	338	363	287	422	743
number, 1997	46 717	474	316	295	271	353	743
1992	54 917	447	352	367	307	456	773
Cotton pickers and strippers ..... farms, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–
number, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–
Mower conditioners ..... farms, 1997	24 751	295	177	588	390	146	323
1992	28 097	268	200	654	419	252	480
number, 1997	26 324	321	177	649	464	155	336
1992	29 829	310	218	700	450	282	493
Pickup balers ..... farms, 1997	28 853	297	249	548	376	157	424
1992	36 708	436	249	671	437	279	555
number, 1997	34 622	379	296	746	522	212	528
1992	43 320	518	270	952	530	300	643
1997 INVENTORY							
Manufactured 1993 to 1997:							
Motortrucks, including pickups ..... farms	27 312	274	160	223	152	275	369
number	30 704	299	176	242	165	313	406
Wheel tractors ..... farms	10 784	65	53	61	58	59	178
number	16 227	142	80	90	78	92	253
Less than 40 horsepower (PTO) ..... farms	2 299	23	–	18	20	12	27
number	2 643	48	–	26	20	13	28
40 horsepower (PTO) or more ..... farms	9 478	58	53	52	38	54	162
number	13 584	94	80	64	58	79	225
40 to 99 horsepower (PTO) ..... farms	3 597	30	14	22	32	11	62
number	4 285	49	16	23	42	13	64
100 horsepower (PTO) or more ..... farms	7 033	40	48	34	16	45	111
number	9 299	45	64	41	16	66	161
Grain and bean combines ..... farms	5 805	56	29	19	4	69	110
number	5 951	56	29	20	4	72	110
Cotton pickers and strippers ..... farms	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–
Mower conditioners ..... farms	3 586	27	20	81	80	6	25
number	3 705	27	20	82	98	6	26
Pickup balers ..... farms	2 722	9	14	79	40	1	44
number	2 861	10	15	80	49	(D)	44
Manufactured prior to 1993:							
Motortrucks, including pickups ..... farms	70 607	629	439	716	648	427	995
number	117 075	989	794	962	1 055	698	1 748
Wheel tractors ..... farms	81 757	692	537	870	734	551	1 012
number	238 792	2 092	1 430	2 738	1 639	1 589	3 231
Less than 40 horsepower (PTO) ..... farms	36 228	337	197	438	229	183	501
number	57 210	603	301	725	301	320	719
40 horsepower (PTO) or more ..... farms	73 863	654	492	799	680	494	908
number	181 582	1 489	1 129	2 013	1 338	1 269	2 512
Grain and bean combines ..... farms	37 563	402	252	269	258	255	576
number	40 766	418	287	275	267	281	633
Cotton pickers and strippers ..... farms	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–
Mower conditioners ..... farms	21 364	268	157	509	324	141	299
number	22 619	294	157	567	366	149	310
Pickup balers ..... farms	26 984	288	248	516	346	156	402
number	31 761	369	281	666	473	(D)	484

Table 9. **Machinery and Equipment on Place: 1997 and 1992**

[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
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment ..... farms, 1997	1 001	863	981	1 135	866	1 085	792
1992	1 110	922	1 058	1 194	968	1 146	898
$1,000, 1997	82 548	83 685	71 487	87 074	85 969	73 952	92 250
1992	79 225	63 674	75 226	93 917	85 794	80 339	83 878
Average per farm ..... dollars, 1997	82 466	96 969	72 871	76 717	99 272	68 158	116 477
1992	71 374	69 060	71 102	78 657	88 630	70 103	93 405
Farms by value group:							
$1 to $9,999 1997	137	186	147	144	64	150	46
1992	168	98	178	120	70	115	74
$10,000 to $19,999 1997	143	76	164	215	65	160	64
1992	193	170	79	160	56	167	98
$20,000 to $29,999 1997	133	54	186	67	95	187	76
1992	100	81	169	96	151	124	27
$30,000 to $49,999 1997	130	67	72	212	115	131	46
1992	101	161	82	218	152	140	116
$50,000 to $69,999 1997	58	162	122	70	97	92	78
1992	187	59	167	112	117	140	75
$70,000 to $99,999 1997	82	62	61	143	76	133	77
1992	77	110	121	114	77	163	153
$100,000 to $199,999 1997	202	102	115	167	239	150	264
1992	166	167	182	250	241	220	252
$200,000 to $499,999 1997	109	132	105	108	108	75	133
1992	115	75	74	120	98	73	99
$500,000 or more 1997	7	22	9	9	7	7	8
1992	3	1	6	4	6	4	4
SELECTED MACHINERY AND EQUIPMENT							
Motortrucks, including pickups ..... farms, 1997	908	828	898	1 000	858	943	710
1992	1 028	848	963	1 075	841	1 048	826
number, 1997	1 709	1 610	1 488	1 708	1 602	1 481	1 360
1992	1 748	1 487	1 572	1 549	1 547	1 672	1 424
Wheel tractors ..... farms, 1997	981	802	914	989	824	1 014	754
1992	1 008	862	978	1 108	913	1 065	863
number, 1997	2 709	2 409	2 702	3 133	2 711	3 005	2 604
1992	3 104	2 645	3 384	3 725	3 304	3 661	3 146
Less than 40 horsepower (PTO) ..... farms, 1997	496	397	508	446	359	452	373
1992	526	418	578	569	473	622	365
number, 1997	723	697	757	712	587	724	693
1992	863	670	962	943	800	1 077	711
40 horsepower (PTO) or more ..... farms, 1997	852	696	823	900	793	946	631
1992	846	767	838	1 027	847	931	806
number, 1997	1 986	1 712	1 945	2 421	2 124	2 281	1 911
1992	2 241	1 975	2 422	2 782	2 504	2 584	2 435
40 to 99 horsepower (PTO) ..... farms, 1997	691	529	728	780	606	797	516
number, 1997	1 013	790	1 234	1 317	954	1 368	873
100 horsepower (PTO) or more ..... farms, 1997	565	486	460	678	620	621	507
number, 1997	973	922	711	1 104	1 170	913	1 038
Grain and bean combines ..... farms, 1997	482	399	509	578	552	546	537
1992	488	529	563	765	617	686	613
number, 1997	492	444	517	610	617	594	634
1992	515	571	608	809	677	717	634
Cotton pickers and strippers ..... farms, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–
number, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–
Mower conditioners ..... farms, 1997	168	179	275	325	111	262	81
1992	210	179	371	379	128	249	117
number, 1997	169	196	279	350	113	265	82
1992	216	181	372	427	136	258	138
Pickup balers ..... farms, 1997	228	254	347	388	159	434	141
1992	318	253	530	464	263	459	176
number, 1997	266	281	385	434	183	485	143
1992	354	286	589	551	271	523	187
1997 INVENTORY							
Manufactured 1993 to 1997:							
Motortrucks, including pickups ..... farms	293	333	293	388	325	348	295
number	329	390	311	425	364	388	345
Wheel tractors ..... farms	126	102	103	131	99	97	154
number	173	171	146	214	144	120	248
Less than 40 horsepower (PTO) ..... farms	48	9	25	15	23	14	39
number	53	9	25	17	23	18	49
40 horsepower (PTO) or more ..... farms	95	93	85	131	95	86	147
number	120	162	121	197	121	102	199
40 to 99 horsepower (PTO) ..... farms	27	28	39	52	38	33	17
number	27	28	39	65	39	42	17
100 horsepower (PTO) or more ..... farms	78	72	58	97	58	58	147
number	93	134	82	132	82	60	182
Grain and bean combines ..... farms	77	53	66	88	61	101	56
number	84	53	67	90	62	102	67
Cotton pickers and strippers ..... farms	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–
Mower conditioners ..... farms	23	34	20	35	9	22	18
number	23	34	20	42	9	23	18
Pickup balers ..... farms	9	27	35	26	8	26	1
number	9	27	35	26	9	26	(D)
Manufactured prior to 1993:							
Motortrucks, including pickups ..... farms	735	654	761	819	700	721	573
number	1 380	1 220	1 177	1 283	1 238	1 093	1 015
Wheel tractors ..... farms	937	767	892	964	781	1 003	726
number	2 536	2 238	2 556	2 919	2 567	2 885	2 356
Less than 40 horsepower (PTO) ..... farms	449	397	484	439	336	451	352
number	670	688	732	695	564	706	644
40 horsepower (PTO) or more ..... farms	823	660	792	860	752	935	602
number	1 866	1 550	1 824	2 224	2 003	2 179	1 712
Grain and bean combines ..... farms	405	349	444	492	506	449	493
number	408	391	450	520	555	492	567
Cotton pickers and strippers ..... farms	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–
Mower conditioners ..... farms	146	146	256	290	102	241	64
number	146	162	259	308	104	242	64
Pickup balers ..... farms	219	235	324	363	152	417	140
number	257	254	350	408	174	459	(D)

Table 9. **Machinery and Equipment on Place: 1997 and 1992**—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
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment ..... farms, 1997	1 102	804	964	822	882	927	678
1992	1 196	906	1 100	821	978	1 007	680
$1,000, 1997	114 113	59 547	93 449	79 209	79 812	76 356	29 384
1992	80 066	59 587	88 444	71 011	75 107	77 073	22 786
Average per farm ..... dollars, 1997	103 551	74 063	96 939	96 361	90 490	82 369	43 340
1992	66 945	65 770	80 404	86 493	76 796	76 537	33 509
Farms by value group:							
$1 to $9,999 1997	79	196	140	98	81	229	123
1992	115	54	100	106	49	160	147
$10,000 to $19,999 1997	98	73	97	117	60	77	168
1992	187	166	182	54	136	101	145
$20,000 to $29,999 1997	82	111	75	70	64	64	89
1992	124	154	107	140	130	171	95
$30,000 to $49,999 1997	153	72	131	86	190	150	123
1992	206	118	103	74	133	98	149
$50,000 to $69,999 1997	142	73	123	61	81	94	66
1992	76	118	132	59	148	90	57
$70,000 to $99,999 1997	94	48	63	92	110	40	15
1992	205	89	175	96	90	88	51
$100,000 to $199,999 1997	304	137	178	204	170	189	74
1992	216	129	183	168	221	207	29
$200,000 to $499,999 1997	137	89	143	77	120	60	19
1992	64	78	115	119	69	88	7
$500,000 or more 1997	13	5	14	17	6	24	1
1992	3	–	3	5	2	4	–
SELECTED MACHINERY AND EQUIPMENT							
Motortrucks, including pickups ..... farms, 1997	1 046	723	903	786	830	861	639
1992	1 055	821	1 004	752	934	931	634
number, 1997	1 740	1 301	1 587	1 597	1 480	1 318	1 141
1992	1 629	1 377	1 650	1 348	1 579	1 397	958
Wheel tractors ..... farms, 1997	1 019	723	908	750	835	853	628
1992	1 116	851	1 044	782	841	970	631
number, 1997	3 676	2 223	3 084	2 204	2 639	2 730	1 732
1992	3 995	2 758	3 479	2 756	2 743	3 254	1 604
Less than 40 horsepower (PTO) ..... farms, 1997	448	306	359	358	328	390	305
1992	573	388	375	429	322	503	315
number, 1997	720	417	545	526	570	588	547
1992	920	716	587	742	472	796	493
40 horsepower (PTO) or more ..... farms, 1997	966	707	868	693	801	772	557
1992	1 055	762	972	721	813	836	514
number, 1997	2 956	1 806	2 539	1 678	2 069	2 142	1 185
1992	3 075	2 042	2 892	2 014	2 271	2 458	1 111
40 to 99 horsepower (PTO) ..... farms, 1997	819	591	762	542	652	670	514
number, 1997	1 611	1 010	1 532	889	1 073	1 260	811
100 horsepower (PTO) or more ..... farms, 1997	795	436	582	459	605	489	261
number, 1997	1 345	796	1 007	789	996	882	374
Grain and bean combines ..... farms, 1997	680	412	518	435	528	506	248
1992	734	477	656	487	566	486	260
number, 1997	721	441	540	486	563	529	259
1992	807	502	668	520	626	517	292
Cotton pickers and strippers ..... farms, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–
number, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–
Mower conditioners ..... farms, 1997	188	251	231	68	256	323	306
1992	231	221	292	188	169	313	299
number, 1997	193	253	235	77	273	332	347
1992	244	229	316	188	195	321	319
Pickup balers ..... farms, 1997	293	302	345	173	274	410	298
1992	492	312	393	247	305	426	386
number, 1997	339	361	401	186	315	479	369
1992	519	405	434	291	334	513	482
1997 INVENTORY							
Manufactured 1993 to 1997:							
Motortrucks, including pickups ..... farms	473	277	279	219	217	303	106
number	512	332	343	246	235	330	120
Wheel tractors ..... farms	148	102	153	143	120	91	38
number	198	199	201	179	159	115	41
Less than 40 horsepower (PTO) ..... farms	14	28	26	44	4	13	10
number	16	30	27	49	5	13	10
40 horsepower (PTO) or more ..... farms	148	87	140	100	119	89	29
number	182	169	174	130	154	102	31
40 to 99 horsepower (PTO) ..... farms	33	37	49	30	48	41	17
number	38	44	50	31	48	42	17
100 horsepower (PTO) or more ..... farms	118	74	95	81	97	53	12
number	144	125	124	99	106	60	14
Grain and bean combines ..... farms	133	65	76	70	98	51	2
number	135	65	80	72	98	51	(D)
Cotton pickers and strippers ..... farms	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–
Mower conditioners ..... farms	21	61	34	8	34	25	40
number	21	61	34	8	34	25	40
Pickup balers ..... farms	23	28	39	12	32	53	36
number	32	36	40	12	32	54	36
Manufactured prior to 1993:							
Motortrucks, including pickups ..... farms	784	562	789	710	760	632	599
number	1 228	969	1 244	1 351	1 245	988	1 021
Wheel tractors ..... farms	1 009	701	875	713	798	849	618
number	3 478	2 024	2 883	2 025	2 480	2 615	1 691
Less than 40 horsepower (PTO) ..... farms	435	278	338	322	325	377	295
number	704	387	518	477	565	575	537
40 horsepower (PTO) or more ..... farms	955	684	835	681	764	770	555
number	2 774	1 637	2 365	1 548	1 915	2 040	1 154
Grain and bean combines ..... farms	558	359	443	368	438	455	247
number	586	376	460	414	465	478	(D)
Cotton pickers and strippers ..... farms	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–
Mower conditioners ..... farms	168	191	197	60	232	298	266
number	172	192	201	69	239	307	307
Pickup balers ..... farms	280	274	313	170	243	387	270
number	307	325	361	174	283	425	333

Table 9. **Machinery and Equipment on Place: 1997 and 1992**—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
VALUE OF MACHINERY AND EQUIPMENT							
Estimated market value of all machinery and equipment ..... farms, 1997	668	1 639	1 266	1 108	917	883	732
1992	770	1 616	1 362	1 252	942	884	649
$1,000, 1997	73 814	112 436	90 679	98 181	77 853	34 144	31 420
1992	66 258	116 516	86 469	78 104	66 943	34 384	23 482
Average per farm ..... dollars, 1997	110 500	68 600	71 626	88 611	84 900	38 669	42 924
1992	86 050	72 101	63 487	62 383	71 064	38 896	36 181
Farms by value group:							
$1 to $9,999 1997	82	291	232	222	219	264	212
1992	44	244	136	144	155	168	133
$10,000 to $19,999 1997	73	197	170	105	95	210	128
1992	175	176	295	206	112	245	149
$20,000 to $29,999 1997	24	158	152	78	99	62	170
1992	120	143	136	174	110	164	123
$30,000 to $49,999 1997	86	300	230	134	113	124	61
1992	60	250	217	226	122	107	97
$50,000 to $69,999 1997	30	167	103	91	72	94	48
1992	19	183	97	142	99	61	52
$70,000 to $99,999 1997	78	144	44	132	81	34	38
1992	90	181	138	123	128	54	26
$100,000 to $199,999 1997	182	231	204	210	123	79	42
1992	150	332	273	157	118	55	61
$200,000 to $499,999 1997	107	146	127	119	102	14	33
1992	110	102	67	78	93	30	8
$500,000 or more 1997	6	5	4	17	13	2	–
1992	2	5	3	2	5	–	–
SELECTED MACHINERY AND EQUIPMENT							
Motortrucks, including pickups ..... farms, 1997	647	1 481	1 232	1 064	799	761	651
1992	682	1 494	1 208	1 177	845	721	576
number, 1997	1 275	2 383	2 075	1 696	1 596	1 274	1 157
1992	1 155	2 208	1 896	1 806	1 537	1 151	901
Wheel tractors ..... farms, 1997	638	1 564	1 176	1 056	830	784	689
1992	707	1 559	1 256	1 193	903	775	615
number, 1997	2 160	4 834	3 593	3 152	2 198	1 718	1 485
1992	2 432	4 978	4 316	4 030	2 653	1 974	1 742
Less than 40 horsepower (PTO) ..... farms, 1997	248	607	506	414	358	323	293
1992	386	751	584	597	498	351	365
number, 1997	399	1 127	768	645	558	405	442
1992	716	1 262	983	1 108	844	597	652
40 horsepower (PTO) or more ..... farms, 1997	612	1 454	1 108	980	711	650	567
1992	619	1 363	1 153	1 078	742	679	526
number, 1997	1 761	3 707	2 825	2 507	1 640	1 313	1 043
1992	1 716	3 716	3 333	2 922	1 809	1 377	1 090
40 to 99 horsepower (PTO) ..... farms, 1997	494	1 277	956	747	582	529	483
number, 1997	812	2 262	1 737	1 385	864	775	722
100 horsepower (PTO) or more ..... farms, 1997	493	891	642	574	442	322	236
number, 1997	949	1 445	1 088	1 122	776	538	321
Grain and bean combines ..... farms, 1997	430	590	618	506	352	312	124
1992	549	677	625	666	466	313	214
number, 1997	480	636	661	536	383	314	124
1992	594	712	663	725	551	336	215
Cotton pickers and strippers ..... farms, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–
number, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–
Mower conditioners ..... farms, 1997	95	918	374	255	154	339	275
1992	133	1 006	466	358	207	350	262
number, 1997	96	947	407	257	154	354	297
1992	136	1 092	481	418	217	365	287
Pickup balers ..... farms, 1997	260	792	386	329	192	458	276
1992	166	979	580	540	205	541	343
number, 1997	285	1 060	427	420	258	570	306
1992	186	1 298	677	672	228	664	406
1997 INVENTORY							
Manufactured 1993 to 1997:							
Motortrucks, including pickups ..... farms	205	399	400	414	341	242	225
number	248	425	478	469	394	253	240
Wheel tractors ..... farms	126	168	187	110	128	130	81
number	276	276	247	179	171	202	102
Less than 40 horsepower (PTO) ..... farms	30	25	35	25	56	31	49
number	40	25	35	26	60	31	50
40 horsepower (PTO) or more ..... farms	126	166	173	107	75	122	46
number	236	251	212	153	111	171	52
40 to 99 horsepower (PTO) ..... farms	35	88	56	39	12	81	29
number	44	117	57	44	13	86	29
100 horsepower (PTO) or more ..... farms	116	101	122	80	70	75	23
number	192	134	155	109	98	85	23
Grain and bean combines ..... farms	81	28	90	79	60	30	2
number	81	28	91	79	65	30	(D)
Cotton pickers and strippers ..... farms	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–
Mower conditioners ..... farms	4	147	50	29	28	67	58
number	4	147	50	30	28	67	58
Pickup balers ..... farms	31	136	35	37	21	37	53
number	31	146	36	37	22	37	53
Manufactured prior to 1993:							
Motortrucks, including pickups ..... farms	552	1 287	1 025	846	641	675	576
number	1 027	1 958	1 597	1 227	1 202	1 021	917
Wheel tractors ..... farms	606	1 506	1 122	1 011	800	711	655
number	1 884	4 558	3 346	2 973	2 027	1 516	1 383
Less than 40 horsepower (PTO) ..... farms	218	585	472	389	322	293	262
number	359	1 102	733	619	498	374	392
40 horsepower (PTO) or more ..... farms	578	1 394	1 054	922	696	576	551
number	1 525	3 456	2 613	2 354	1 529	1 142	991
Grain and bean combines ..... farms	353	563	542	431	292	283	122
number	399	608	570	457	318	284	(D)
Cotton pickers and strippers ..... farms	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–
Mower conditioners ..... farms	91	772	332	227	126	279	217
number	92	800	357	227	126	287	239
Pickup balers ..... farms	240	737	354	305	172	439	223
number	254	914	391	383	236	533	253

Table 9. **Machinery and Equipment on Place: 1997 and 1992**—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
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment ..... farms, 1997	1 279	652	512	1 578	519	1 295	852	859
1992	1 366	680	554	1 652	557	1 416	882	929
$1,000, 1997	116 501	45 870	41 278	109 384	55 845	111 478	77 949	90 484
1992	109 843	47 374	44 830	119 790	47 464	101 738	61 001	72 409
Average per farm ..... dollars, 1997	91 087	70 353	80 621	69 318	107 602	86 084	91 489	105 337
1992	80 412	69 668	80 921	72 512	85 214	71 849	69 162	77 943
Farms by value group:								
$1 to $9,999 1997	102	165	52	227	33	159	147	61
1992	121	61	45	119	25	158	93	73
$10,000 to $19,999 1997	132	94	96	197	78	119	88	197
1992	126	155	76	128	69	195	152	92
$20,000 to $29,999 1997	82	51	58	158	51	108	95	71
1992	160	65	37	272	68	181	113	98
$30,000 to $49,999 1997	232	50	65	163	59	156	105	67
1992	152	99	113	331	111	244	162	145
$50,000 to $69,999 1997	139	64	52	319	63	213	51	57
1992	225	78	51	184	46	146	82	162
$70,000 to $99,999 1997	158	77	35	167	45	164	32	92
1992	176	52	79	180	37	122	60	99
$100,000 to $199,999 1997	263	72	98	249	94	242	220	189
1992	291	116	79	329	145	255	138	193
$200,000 to $499,999 1997	162	76	49	86	82	109	112	103
1992	112	45	72	105	56	105	79	62
$500,000 or more 1997	9	3	7	12	14	25	2	22
1992	3	9	2	4	–	10	3	5
SELECTED MACHINERY AND EQUIPMENT								
Motortrucks, including pickups ..... farms, 1997	1 229	558	491	1 449	495	1 107	811	831
1992	1 277	626	528	1 539	502	1 263	853	849
number, 1997	1 760	950	983	1 924	1 012	1 776	1 549	1 531
1992	1 750	1 108	1 081	2 102	957	1 879	1 562	1 273
Wheel tractors ..... farms, 1997	1 194	602	489	1 474	473	1 248	779	815
1992	1 296	635	537	1 562	517	1 337	807	851
number, 1997	3 739	1 750	1 527	4 421	1 547	3 837	2 542	2 662
1992	4 478	2 052	1 845	5 419	1 724	4 456	2 807	3 180
Less than 40 horsepower (PTO) ..... farms, 1997	449	267	227	542	243	569	412	408
1992	634	310	235	616	178	697	374	415
number, 1997	623	360	431	774	362	835	626	593
1992	1 016	497	400	1 026	289	1 197	608	764
40 horsepower (PTO) or more ..... farms, 1997	1 113	500	439	1 395	445	1 120	723	700
1992	1 176	592	494	1 403	494	1 185	767	823
number, 1997	3 116	1 390	1 096	3 647	1 185	3 002	1 916	2 069
1992	3 462	1 555	1 445	4 393	1 435	3 259	2 199	2 416
40 to 99 horsepower (PTO) ..... farms, 1997	1 009	426	336	1 199	377	973	584	556
number, 1997	1 778	750	519	2 332	(D)	1 819	(D)	977
100 horsepower (PTO) or more ..... farms, 1997	813	354	319	799	323	675	542	600
number, 1997	1 338	640	577	1 315	(D)	1 183	(D)	1 092
Grain and bean combines ..... farms, 1997	659	336	311	539	283	563	370	540
1992	690	325	358	538	415	701	562	565
number, 1997	718	348	360	580	306	588	408	576
1992	710	343	438	571	453	752	624	607
Cotton pickers and strippers ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
number, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Mower conditioners ..... farms, 1997	632	167	52	948	95	510	216	171
1992	703	153	95	976	49	696	165	152
number, 1997	643	168	54	999	98	529	247	173
1992	737	163	112	1 063	51	747	167	157
Pickup balers ..... farms, 1997	646	169	111	816	125	570	245	235
1992	771	195	122	1 051	146	712	248	263
number, 1997	833	204	126	1 043	142	718	284	288
1992	947	219	133	1 369	152	821	288	287
1997 INVENTORY								
Manufactured 1993 to 1997:								
Motortrucks, including pickups ..... farms	343	141	184	432	250	294	289	253
number	398	146	236	457	275	315	314	278
Wheel tractors ..... farms	152	76	59	129	64	122	96	125
number	256	125	99	167	73	184	140	192
Less than 40 horsepower (PTO) ..... farms	34	3	20	34	2	14	2	28
number	42	3	27	43	(D)	14	(D)	28
40 horsepower (PTO) or more ..... farms	132	74	47	96	64	115	96	107
number	214	122	72	124	(D)	170	(D)	164
40 to 99 horsepower (PTO) ..... farms	81	37	21	46	14	63	15	38
number	98	39	28	50	(D)	65	(D)	49
100 horsepower (PTO) or more ..... farms	94	59	39	65	53	87	84	82
number	116	83	44	74	(D)	105	(D)	115
Grain and bean combines ..... farms	69	55	42	28	22	36	63	74
number	76	55	42	29	22	37	64	77
Cotton pickers and strippers ..... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ..... farms	89	6	17	153	1	96	7	32
number	89	6	17	153	(D)	103	7	32
Pickup balers ..... farms	75	15	8	73	17	58	5	29
number	84	15	8	76	17	58	5	29
Manufactured prior to 1993:								
Motortrucks, including pickups ..... farms	986	500	390	1 145	392	980	661	724
number	1 362	804	747	1 467	737	1 461	1 235	1 253
Wheel tractors ..... farms	1 148	578	470	1 456	460	1 194	770	800
number	3 483	1 625	1 428	4 254	1 474	3 653	2 402	2 470
Less than 40 horsepower (PTO) ..... farms	417	264	208	509	242	561	411	381
number	581	357	404	731	(D)	821	(D)	565
40 horsepower (PTO) or more ..... farms	1 069	476	424	1 376	432	1 072	714	684
number	2 902	1 268	1 024	3 523	(D)	2 832	(D)	1 905
Grain and bean combines ..... farms	591	282	269	511	264	528	317	472
number	642	293	318	551	284	551	344	499
Cotton pickers and strippers ..... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ..... farms	545	162	36	797	94	423	210	139
number	554	162	37	846	(D)	426	240	141
Pickup balers ..... farms	604	157	111	784	117	528	240	225
number	749	189	118	967	125	660	279	259

Table 9. **Machinery and Equipment on Place: 1997 and 1992**—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
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment ..... farms, 1997	567	763	753	846	789	849	856	876
1992	597	851	854	945	875	939	986	919
$1,000, 1997	52 817	71 380	92 869	56 303	95 606	90 695	81 542	88 993
1992	58 675	73 124	75 991	53 748	86 924	83 036	82 128	59 214
Average per farm ..... dollars, 1997	93 152	93 552	123 332	66 553	121 174	106 826	95 260	101 590
1992	98 283	85 927	88 982	56 876	99 342	88 430	83 294	64 433
Farms by value group:								
$1 to $9,999 1997	47	90	81	157	85	78	100	109
1992	60	76	75	137	71	24	126	79
$10,000 to $19,999 1997	51	82	91	119	60	75	88	89
1992	100	117	116	117	78	138	110	175
$20,000 to $29,999 1997	73	57	9	172	56	56	141	72
1992	39	106	73	142	61	107	116	146
$30,000 to $49,999 1997	106	111	71	94	102	76	79	60
1992	85	49	72	162	112	69	152	136
$50,000 to $69,999 1997	87	126	98	95	67	84	76	132
1992	51	148	119	188	155	178	108	69
$70,000 to $99,999 1997	25	71	55	55	79	128	74	160
1992	51	83	130	69	91	111	73	103
$100,000 to $199,999 1997	93	87	190	80	186	233	161	125
1992	84	153	181	79	115	205	197	153
$200,000 to $499,999 1997	75	131	130	62	128	106	122	107
1992	121	116	79	49	188	103	90	55
$500,000 or more 1997	10	8	28	12	26	13	15	22
1992	6	3	9	2	4	4	14	3
SELECTED MACHINERY AND EQUIPMENT								
Motortrucks, including pickups ..... farms, 1997	522	738	683	791	764	823	848	861
1992	526	706	771	819	783	903	869	815
number, 1997	1 192	1 600	1 287	1 345	1 645	1 475	1 471	1 669
1992	1 214	1 433	1 301	1 414	1 346	1 439	1 436	1 484
Wheel tractors ..... farms, 1997	522	690	731	803	733	793	781	834
1992	554	814	774	880	816	916	898	850
number, 1997	1 637	2 483	2 229	2 208	2 279	2 960	2 728	2 461
1992	1 921	2 679	2 780	2 668	2 664	3 132	2 916	2 848
Less than 40 horsepower (PTO) ..... farms, 1997	185	246	273	369	298	473	358	325
1992	264	364	434	358	339	463	429	453
number, 1997	306	522	353	527	436	776	536	504
1992	523	619	698	606	573	729	744	892
40 horsepower (PTO) or more ..... farms, 1997	451	655	697	760	678	725	701	768
1992	480	760	724	801	761	889	799	742
number, 1997	1 331	1 961	1 876	1 681	1 843	2 184	2 192	1 957
1992	1 398	2 060	2 082	2 062	2 091	2 403	2 172	1 956
40 to 99 horsepower (PTO) ..... farms, 1997	361	506	528	638	488	595	545	596
number, 1997	691	973	948	1 005	855	923	1 233	(D)
100 horsepower (PTO) or more ..... farms, 1997	335	537	473	409	543	615	558	565
number, 1997	640	988	928	676	988	1 261	959	(D)
Grain and bean combines ..... farms, 1997	307	417	457	393	427	624	493	487
1992	343	565	533	531	535	651	550	562
number, 1997	367	426	515	435	466	645	548	533
1992	386	622	602	563	566	697	591	631
Cotton pickers and strippers ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
number, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Mower conditioners ..... farms, 1997	111	89	92	248	69	111	106	174
1992	97	115	162	210	76	151	95	192
number, 1997	125	89	92	278	71	119	107	208
1992	112	144	176	210	78	159	96	192
Pickup balers ..... farms, 1997	104	142	173	275	73	230	181	171
1992	131	149	246	286	209	282	225	216
number, 1997	123	153	195	352	75	266	211	198
1992	152	186	253	327	230	312	242	235
1997 INVENTORY								
Manufactured 1993 to 1997:								
Motortrucks, including pickups ..... farms	190	269	246	205	260	210	333	323
number	219	297	282	236	349	222	367	368
Wheel tractors ..... farms	70	77	107	102	140	121	158	119
number	93	142	164	128	213	182	277	158
Less than 40 horsepower (PTO) ..... farms	8	4	17	16	8	35	33	2
number	8	7	17	16	9	42	47	(D)
40 horsepower (PTO) or more ..... farms	62	76	100	86	138	106	127	119
number	85	135	147	112	204	140	230	(D)
40 to 99 horsepower (PTO) ..... farms	32	15	28	15	27	7	35	12
number	39	16	29	20	35	12	81	(D)
100 horsepower (PTO) or more ..... farms	38	75	87	81	119	101	106	109
number	46	119	118	92	169	128	149	(D)
Grain and bean combines ..... farms	27	69	83	18	77	66	86	131
number	30	70	85	18	86	68	88	142
Cotton pickers and strippers ..... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ..... farms	33	1	5	55	22	2	2	10
number	33	(D)	5	55	22	(D)	(D)	16
Pickup balers ..... farms	10	1	3	13	–	8	20	19
number	11	(D)	3	13	–	8	21	19
Manufactured prior to 1993:								
Motortrucks, including pickups ..... farms	453	669	576	693	644	765	642	755
number	973	1 303	1 005	1 109	1 296	1 253	1 104	1 301
Wheel tractors ..... farms	491	675	704	782	717	771	726	779
number	1 544	2 341	2 065	2 080	2 066	2 778	2 451	2 303
Less than 40 horsepower (PTO) ..... farms	177	244	256	369	293	446	325	323
number	298	515	336	511	427	734	489	(D)
40 horsepower (PTO) or more ..... farms	420	639	670	739	656	703	676	705
number	1 246	1 826	1 729	1 569	1 639	2 044	1 962	(D)
Grain and bean combines ..... farms	284	353	378	377	352	562	419	362
number	337	356	430	417	380	577	460	391
Cotton pickers and strippers ..... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ..... farms	78	88	87	202	48	109	104	164
number	92	(D)	87	223	49	(D)	(D)	192
Pickup balers ..... farms	94	141	170	263	73	222	161	161
number	112	(D)	192	339	75	258	190	179

Table 9. **Machinery and Equipment on Place: 1997 and 1992**—Con.

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

All farms	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment ..... farms, 1997	836	863	600	636	976	1 268	1 204	764
1992	787	882	677	728	978	1 315	1 309	731
$1,000, 1997	63 446	63 635	82 420	56 297	71 068	71 742	87 580	38 613
1992	47 338	63 513	75 877	47 746	65 519	70 063	95 361	42 395
Average per farm ..... dollars, 1997	75 892	73 737	137 366	88 517	72 816	56 579	72 740	50 541
1992	60 150	72 010	112 078	65 585	66 992	53 280	72 851	57 995
Farms by value group:								
$1 to $9,999 1997	171	125	32	95	181	207	185	222
1992	120	90	32	71	109	163	182	83
$10,000 to $19,999 1997	157	124	64	50	127	304	211	158
1992	181	140	50	124	223	304	198	142
$20,000 to $29,999 1997	129	114	17	74	110	190	116	34
1992	87	149	48	117	90	153	67	90
$30,000 to $49,999 1997	77	150	41	48	144	148	207	93
1992	89	104	60	96	110	160	184	131
$50,000 to $69,999 1997	33	82	49	82	99	54	142	67
1992	49	110	70	69	111	156	191	61
$70,000 to $99,999 1997	20	58	63	78	68	94	39	88
1992	85	62	99	71	95	187	171	69
$100,000 to $199,999 1997	121	134	185	115	132	181	189	73
1992	127	147	178	136	170	140	201	122
$200,000 to $499,999 1997	123	63	128	87	110	89	107	28
1992	47	74	139	42	67	42	114	33
$500,000 or more 1997	5	13	21	7	5	1	8	1
1992	2	6	1	2	3	10	1	–
SELECTED MACHINERY AND EQUIPMENT								
Motortrucks, including pickups ..... farms, 1997	717	802	577	621	910	1 074	1 095	684
1992	708	785	652	694	865	1 212	1 201	648
number, 1997	1 234	1 362	978	1 088	1 525	1 491	1 860	1 151
1992	1 164	1 272	1 153	1 000	1 370	1 767	2 136	1 100
Wheel tractors ..... farms, 1997	785	812	564	572	941	1 178	1 134	738
1992	737	832	653	652	910	1 238	1 206	693
number, 1997	1 963	2 630	1 956	1 807	2 996	3 415	3 037	1 781
1992	2 182	2 859	2 601	2 073	2 701	3 985	3 993	2 316
Less than 40 horsepower (PTO) ..... farms, 1997	308	436	298	178	454	533	457	336
1992	362	387	388	304	375	547	610	404
number, 1997	496	591	486	304	651	896	713	419
1992	618	613	747	555	660	948	1 126	806
40 horsepower (PTO) or more ..... farms, 1997	668	689	536	570	855	1 072	1 053	654
1992	622	764	624	566	758	1 083	1 006	651
number, 1997	1 467	2 039	1 470	1 503	2 345	2 519	2 324	1 362
1992	1 564	2 246	1 854	1 518	2 041	3 037	2 867	1 510
40 to 99 horsepower (PTO) ..... farms, 1997	556	591	383	466	779	947	863	500
number, 1997	783	1 160	(D)	754	1 374	1 671	1 324	807
100 horsepower (PTO) or more ..... farms, 1997	389	504	459	401	535	531	661	342
number, 1997	684	879	(D)	749	971	848	1 000	555
Grain and bean combines ..... farms, 1997	361	423	381	340	433	337	594	207
1992	377	524	549	371	352	386	697	411
number, 1997	387	511	422	370	476	338	650	236
1992	413	609	692	387	389	413	774	436
Cotton pickers and strippers ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
number, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Mower conditioners ..... farms, 1997	162	241	40	91	375	596	383	149
1992	198	366	106	124	420	732	422	233
number, 1997	170	259	40	101	407	630	405	150
1992	208	410	118	132	441	773	444	244
Pickup balers ..... farms, 1997	188	368	91	73	391	510	421	277
1992	257	412	207	232	427	741	487	296
number, 1997	239	431	107	91	471	607	465	349
1992	307	526	216	259	512	876	596	355
1997 INVENTORY								
Manufactured 1993 to 1997:								
Motortrucks, including pickups ..... farms	230	179	189	190	262	288	327	218
number	247	193	207	199	293	318	348	255
Wheel tractors ..... farms	122	108	123	44	182	85	158	80
number	196	155	146	67	308	111	231	144
Less than 40 horsepower (PTO) ..... farms	30	10	16	4	72	7	38	32
number	34	10	16	4	73	7	42	32
40 horsepower (PTO) or more ..... farms	95	101	109	43	147	79	140	69
number	162	145	130	63	235	104	189	112
40 to 99 horsepower (PTO) ..... farms	36	40	2	11	73	31	24	24
number	42	41	(D)	14	88	36	25	28
100 horsepower (PTO) or more ..... farms	87	83	108	34	101	64	117	60
number	120	104	(D)	49	147	68	164	84
Grain and bean combines ..... farms	102	41	56	65	69	17	83	44
number	104	42	58	66	70	17	84	44
Cotton pickers and strippers ..... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ..... farms	43	17	3	20	42	115	47	33
number	44	17	3	20	43	134	47	34
Pickup balers ..... farms	48	30	1	5	51	83	30	34
number	48	31	(D)	5	52	83	31	47
Manufactured prior to 1993:								
Motortrucks, including pickups ..... farms	623	704	506	528	778	862	957	564
number	987	1 169	771	889	1 232	1 173	1 512	896
Wheel tractors ..... farms	753	797	534	566	893	1 154	1 106	706
number	1 767	2 475	1 810	1 740	2 688	3 304	2 806	1 637
Less than 40 horsepower (PTO) ..... farms	280	434	282	174	393	531	420	304
number	462	581	470	300	578	889	671	387
40 horsepower (PTO) or more ..... farms	647	674	506	560	816	1 047	1 016	621
number	1 305	1 894	1 340	1 440	2 110	2 415	2 135	1 250
Grain and bean combines ..... farms	275	392	326	286	373	320	512	164
number	283	469	364	304	406	321	566	192
Cotton pickers and strippers ..... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ..... farms	119	224	37	80	340	482	344	116
number	126	242	37	81	364	496	358	116
Pickup balers ..... farms	160	350	90	71	347	447	396	244
number	191	400	(D)	86	419	524	434	302

Table 9. **Machinery and Equipment on Place: 1997 and 1992**—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
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment ..... farms, 1997	1 261	1 028	969	1 405	863	1 480	592	706
1992	1 241	1 112	952	1 592	866	1 529	554	629
$1,000, 1997	70 080	78 341	72 468	153 835	61 518	88 947	51 178	30 606
1992	68 430	79 049	64 371	151 577	52 104	82 545	35 165	23 653
Average per farm ..... dollars, 1997	55 575	76 208	74 786	109 491	71 284	60 099	86 449	43 351
1992	55 141	71 087	67 617	95 212	60 166	53 986	63 475	37 604
Farms by value group:								
$1 to $9,999 1997	270	173	153	123	110	371	74	171
1992	186	108	113	122	122	215	78	114
$10,000 to $19,999 1997	261	116	192	135	194	251	114	138
1992	232	133	173	126	168	392	96	105
$20,000 to $29,999 1997	122	89	146	92	172	139	77	82
1992	173	177	102	116	117	155	48	117
$30,000 to $49,999 1997	152	150	50	167	61	272	64	98
1992	179	188	182	212	104	228	107	166
$50,000 to $69,999 1997	116	116	109	157	57	89	30	64
1992	141	102	75	252	115	168	35	33
$70,000 to $99,999 1997	71	99	50	134	116	139	41	81
1992	92	101	62	170	68	156	62	44
$100,000 to $199,999 1997	219	203	155	342	39	87	143	36
1992	179	202	157	379	133	140	85	34
$200,000 to $499,999 1997	46	60	110	218	108	122	45	35
1992	58	98	86	201	38	70	43	16
$500,000 or more 1997	4	22	4	37	6	10	4	1
1992	1	3	2	14	1	5	–	–
SELECTED MACHINERY AND EQUIPMENT								
Motortrucks, including pickups ..... farms, 1997	1 096	991	888	1 352	778	1 357	574	644
1992	1 080	1 046	886	1 496	786	1 435	519	603
number, 1997	1 696	1 416	1 780	2 417	1 463	2 163	1 140	1 060
1992	1 764	1 536	1 416	2 585	1 388	2 252	816	943
Wheel tractors ..... farms, 1997	1 114	928	936	1 342	848	1 402	580	624
1992	1 160	1 008	897	1 524	838	1 411	540	596
number, 1997	3 642	3 207	2 412	4 757	2 494	3 902	1 877	1 486
1992	3 459	3 668	2 815	5 795	2 620	4 307	1 572	1 774
Less than 40 horsepower (PTO) ..... farms, 1997	608	407	322	624	398	748	299	280
1992	546	433	434	846	410	761	253	315
number, 1997	1 006	648	497	1 015	650	1 277	612	423
1992	836	793	667	1 586	809	1 240	347	572
40 horsepower (PTO) or more ..... farms, 1997	992	873	834	1 287	772	1 218	509	530
1992	1 036	918	807	1 375	698	1 250	468	498
number, 1997	2 636	2 559	1 915	3 742	1 844	2 625	1 265	1 063
1992	2 623	2 875	2 148	4 209	1 811	3 067	1 225	1 202
40 to 99 horsepower (PTO) ..... farms, 1997	882	788	626	1 068	679	1 132	440	444
number, 1997	1 757	1 618	(D)	1 810	1 150	1 828	701	(D)
100 horsepower (PTO) or more ..... farms, 1997	523	546	527	1 038	412	530	316	261
number, 1997	879	941	(D)	1 932	694	797	564	(D)
Grain and bean combines ..... farms, 1997	399	485	442	940	384	515	264	162
1992	540	605	475	1 182	432	692	322	199
number, 1997	466	543	496	1 072	409	549	302	180
1992	597	636	559	1 417	457	735	368	202
Cotton pickers and strippers ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
number, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Mower conditioners ..... farms, 1997	418	423	273	141	217	444	122	290
1992	421	592	281	204	412	432	145	314
number, 1997	471	449	285	142	218	486	127	317
1992	457	604	294	214	413	455	152	327
Pickup balers ..... farms, 1997	458	433	229	268	295	449	156	325
1992	592	583	365	455	479	729	147	336
number, 1997	556	529	284	319	354	518	181	348
1992	717	736	482	491	619	820	166	425
1997 INVENTORY								
Manufactured 1993 to 1997:								
Motortrucks, including pickups ..... farms	301	287	312	555	179	538	248	177
number	347	298	342	641	209	575	264	180
Wheel tractors ..... farms	153	101	105	249	135	175	82	9
number	257	172	122	376	221	248	105	11
Less than 40 horsepower (PTO) ..... farms	58	29	2	57	27	36	28	–
number	59	45	(D)	57	29	36	35	–
40 horsepower (PTO) or more ..... farms	147	87	104	215	112	148	54	9
number	198	127	(D)	319	192	212	70	11
40 to 99 horsepower (PTO) ..... farms	114	60	31	54	42	107	30	2
number	127	71	(D)	69	55	137	30	(D)
100 horsepower (PTO) or more ..... farms	59	48	76	188	92	60	40	8
number	71	56	(D)	250	137	75	40	(D)
Grain and bean combines ..... farms	30	43	69	110	45	87	38	2
number	33	45	71	110	45	89	38	(D)
Cotton pickers and strippers ..... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ..... farms	45	46	43	16	14	68	14	47
number	45	46	43	16	14	69	14	47
Pickup balers ..... farms	52	39	7	4	14	31	1	44
number	53	40	8	4	16	33	(D)	44
Manufactured prior to 1993:								
Motortrucks, including pickups ..... farms	933	825	738	1 106	692	1 023	438	565
number	1 349	1 118	1 438	1 776	1 254	1 588	876	880
Wheel tractors ..... farms	1 080	886	912	1 282	794	1 346	556	618
number	3 385	3 035	2 290	4 381	2 273	3 654	1 772	1 475
Less than 40 horsepower (PTO) ..... farms	576	394	320	588	380	713	271	280
number	947	603	(D)	958	621	1 241	577	423
40 horsepower (PTO) or more ..... farms	958	831	809	1 210	726	1 175	487	524
number	2 438	2 432	(D)	3 423	1 652	2 413	1 195	1 052
Grain and bean combines ..... farms	370	446	374	840	342	433	230	161
number	433	498	425	962	364	460	264	(D)
Cotton pickers and strippers ..... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ..... farms	379	379	239	125	204	384	108	253
number	426	403	242	126	204	417	113	270
Pickup balers ..... farms	430	404	226	264	286	422	155	287
number	503	489	276	315	338	485	(D)	304

Table 9. **Machinery and Equipment on Place: 1997 and 1992**—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
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment ..... farms, 1997	1 149	987	1 022	971	914	495	816	698
1992	1 194	1 026	1 075	996	949	564	810	822
$1,000, 1997	90 188	53 905	75 193	53 684	74 798	41 392	68 636	62 099
1992	72 176	53 909	83 645	54 685	67 901	42 171	60 841	64 622
Average per farm ..... dollars, 1997	78 493	54 615	73 575	55 288	81 835	83 621	84 112	88 968
1992	60 449	52 542	77 809	54 905	71 550	74 771	75 113	78 616
Farms by value group:								
$1 to $9,999 1997	89	173	202	222	138	53	120	71
1992	134	139	113	136	104	62	105	53
$10,000 to $19,999 1997	156	235	158	238	97	72	179	118
1992	114	298	163	238	221	91	151	110
$20,000 to $29,999 1997	172	136	92	90	116	80	64	77
1992	197	125	73	173	76	67	67	151
$30,000 to $49,999 1997	179	139	145	55	144	52	64	96
1992	246	178	156	151	93	90	51	86
$50,000 to $69,999 1997	151	36	103	162	84	40	73	52
1992	120	78	183	67	100	53	93	107
$70,000 to $99,999 1997	148	80	64	42	83	66	119	88
1992	128	43	46	85	114	69	139	104
$100,000 to $199,999 1997	123	117	182	95	151	64	97	104
1992	212	100	254	88	162	74	141	125
$200,000 to $499,999 1997	115	68	64	64	86	64	83	80
1992	39	64	81	55	77	56	59	79
$500,000 or more 1997	16	3	12	3	15	4	17	12
1992	4	1	6	3	2	2	4	7
SELECTED MACHINERY AND EQUIPMENT								
Motortrucks, including pickups ..... farms, 1997	1 088	840	929	892	871	469	765	675
1992	1 047	918	956	891	855	523	715	765
number, 1997	1 736	1 521	1 670	1 507	1 691	833	1 409	1 310
1992	1 452	1 498	1 517	1 385	1 772	913	1 117	1 518
Wheel tractors ..... farms, 1997	1 079	944	994	912	857	461	736	635
1992	1 076	943	999	963	902	534	715	723
number, 1997	3 162	2 257	2 829	2 335	2 636	1 312	2 450	2 056
1992	3 093	2 444	3 136	2 714	2 895	1 721	2 463	2 582
Less than 40 horsepower (PTO) ..... farms, 1997	369	411	450	398	448	154	414	309
1992	439	480	486	457	490	262	372	310
number, 1997	684	582	691	619	614	195	726	427
1992	717	717	646	744	818	426	626	578
40 horsepower (PTO) or more ..... farms, 1997	976	821	887	821	732	434	670	550
1992	1 008	828	921	837	762	507	631	699
number, 1997	2 478	1 675	2 138	1 716	2 022	1 117	1 724	1 629
1992	2 376	1 727	2 490	1 970	2 077	1 295	1 837	2 004
40 to 99 horsepower (PTO) ..... farms, 1997	855	651	729	756	602	346	575	435
number, 1997	1 420	1 085	1 190	1 052	1 106	605	960	847
100 horsepower (PTO) or more ..... farms, 1997	631	428	567	444	486	303	412	427
number, 1997	1 058	590	948	664	916	512	764	782
Grain and bean combines ..... farms, 1997	606	370	518	370	457	250	421	321
1992	707	389	547	372	504	302	451	428
number, 1997	668	386	556	402	491	269	530	358
1992	751	435	591	389	545	329	489	469
Cotton pickers and strippers ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
number, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Mower conditioners ..... farms, 1997	251	371	281	383	203	91	175	99
1992	221	377	419	317	294	93	190	110
number, 1997	291	383	285	423	204	104	203	106
1992	231	391	431	342	313	96	198	123
Pickup balers ..... farms, 1997	389	370	311	340	241	84	260	145
1992	459	416	444	401	325	114	328	115
number, 1997	431	450	360	426	270	92	311	165
1992	481	517	530	492	359	123	372	137
1997 INVENTORY								
Manufactured 1993 to 1997:								
Motortrucks, including pickups ..... farms	278	261	226	240	246	226	238	232
number	307	295	252	291	290	241	247	260
Wheel tractors ..... farms	89	95	85	87	125	51	67	72
number	102	131	106	102	185	66	112	114
Less than 40 horsepower (PTO) ..... farms	18	17	11	30	43	–	21	12
number	18	17	11	32	51	–	21	12
40 horsepower (PTO) or more ..... farms	72	88	82	63	91	51	65	62
number	84	114	95	70	134	66	91	102
40 to 99 horsepower (PTO) ..... farms	20	54	44	30	16	24	14	12
number	23	54	45	30	19	36	17	20
100 horsepower (PTO) or more ..... farms	55	45	43	39	84	27	55	53
number	61	60	50	40	115	30	74	82
Grain and bean combines ..... farms	42	27	44	24	71	42	35	57
number	42	27	44	27	71	42	35	58
Cotton pickers and strippers ..... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ..... farms	59	73	15	37	52	14	10	19
number	66	74	15	45	52	26	10	19
Pickup balers ..... farms	16	75	9	22	41	10	8	23
number	18	76	9	22	49	10	9	23
Manufactured prior to 1993:								
Motortrucks, including pickups ..... farms	930	712	870	767	756	343	653	552
number	1 429	1 226	1 418	1 216	1 401	592	1 162	1 050
Wheel tractors ..... farms	1 062	915	992	895	803	440	730	611
number	3 060	2 126	2 723	2 233	2 451	1 246	2 338	1 942
Less than 40 horsepower (PTO) ..... farms	361	395	442	388	406	154	411	298
number	666	565	680	587	563	195	705	415
40 horsepower (PTO) or more ..... farms	965	797	885	796	704	413	664	536
number	2 394	1 561	2 043	1 646	1 888	1 051	1 633	1 527
Grain and bean combines ..... farms	565	344	478	347	392	212	390	272
number	626	359	512	375	420	227	495	300
Cotton pickers and strippers ..... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ..... farms	200	298	266	346	152	77	165	80
number	225	309	270	378	152	78	193	87
Pickup balers ..... farms	375	317	304	319	209	75	253	123
number	413	374	351	404	221	82	302	142

Table 9. **Machinery and Equipment on Place: 1997 and 1992**—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
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment ..... farms, 1997	691	576	782	977	649	844	787	1 489
1992	683	616	803	1 146	737	910	840	1 615
$1,000, 1997	29 987	53 855	67 350	106 665	65 947	57 962	71 782	117 613
1992	26 086	33 286	51 208	80 355	68 963	52 639	65 031	99 318
Average per farm ..... dollars, 1997	43 397	93 498	86 125	109 176	101 614	68 675	91 209	78 988
1992	38 194	54 036	63 771	70 118	93 573	57 845	77 418	61 497
Farms by value group:								
$1 to $9,999 1997	166	73	111	92	26	144	79	215
1992	139	70	152	106	31	135	71	179
$10,000 to $19,999 1997	135	104	129	82	102	117	67	205
1992	118	151	103	182	38	152	93	262
$20,000 to $29,999 1997	113	103	94	73	22	108	38	119
1992	159	49	81	66	61	135	108	152
$30,000 to $49,999 1997	92	53	115	92	68	90	169	198
1992	70	88	137	205	129	92	118	237
$50,000 to $69,999 1997	58	49	40	92	139	85	63	82
1992	65	88	69	127	110	121	94	262
$70,000 to $99,999 1997	58	34	68	122	95	70	96	191
1992	76	41	79	206	123	119	95	165
$100,000 to $199,999 1997	45	66	150	232	89	170	159	346
1992	49	99	127	190	162	120	196	285
$200,000 to $499,999 1997	23	87	41	187	92	58	109	127
1992	6	30	54	60	71	35	64	69
$500,000 or more 1997	1	7	34	5	16	2	7	6
1992	1	–	1	4	12	1	1	4
SELECTED MACHINERY AND EQUIPMENT								
Motortrucks, including pickups ..... farms, 1997	601	540	708	960	635	790	749	1 405
1992	611	552	708	1 073	681	823	779	1 425
number, 1997	942	961	1 292	1 564	1 297	1 452	1 238	2 406
1992	871	941	1 197	1 480	1 266	1 356	1 321	2 372
Wheel tractors ..... farms, 1997	618	544	749	946	602	770	754	1 353
1992	614	537	772	1 071	671	831	781	1 522
number, 1997	1 366	1 871	2 237	3 043	1 995	2 175	2 719	4 034
1992	1 432	1 797	2 325	3 476	2 395	2 315	2 733	4 834
Less than 40 horsepower (PTO) ..... farms, 1997	236	214	473	386	302	362	412	533
1992	323	257	491	529	281	297	335	671
number, 1997	330	371	690	586	513	495	748	933
1992	464	538	759	971	501	545	629	1 153
40 horsepower (PTO) or more ..... farms, 1997	581	520	638	890	553	712	683	1 274
1992	456	501	549	966	646	726	721	1 352
number, 1997	1 036	1 500	1 547	2 457	1 482	1 680	1 971	3 101
1992	968	1 259	1 566	2 505	1 894	1 770	2 104	3 681
40 to 99 horsepower (PTO) ..... farms, 1997	492	457	491	734	396	579	556	1 005
number, 1997	658	808	863	1 194	(D)	1 050	1 020	1 712
100 horsepower (PTO) or more ..... farms, 1997	279	337	437	718	470	399	529	895
number, 1997	378	692	684	1 263	(D)	630	951	1 389
Grain and bean combines ..... farms, 1997	148	313	429	612	420	329	468	728
1992	175	327	401	659	507	486	561	905
number, 1997	164	357	474	665	430	349	503	783
1992	196	358	446	690	558	498	664	1 021
Cotton pickers and strippers ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
number, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Mower conditioners ..... farms, 1997	299	151	183	180	103	232	105	227
1992	341	197	224	193	79	231	116	367
number, 1997	320	163	197	200	120	266	106	253
1992	350	205	237	206	84	239	123	421
Pickup balers ..... farms, 1997	341	168	196	288	180	200	112	310
1992	328	224	289	401	221	333	178	523
number, 1997	434	248	224	334	196	262	140	380
1992	376	274	334	434	249	417	196	590
1997 INVENTORY								
Manufactured 1993 to 1997:								
Motortrucks, including pickups ..... farms	210	220	211	404	230	212	199	405
number	220	263	266	460	247	240	215	465
Wheel tractors ..... farms	66	70	111	113	69	110	100	247
number	81	210	194	207	90	144	146	387
Less than 40 horsepower (PTO) ..... farms	17	29	67	34	1	45	18	40
number	17	41	67	42	(D)	45	18	44
40 horsepower (PTO) or more ..... farms	56	54	74	93	69	82	93	220
number	64	169	127	165	(D)	99	128	343
40 to 99 horsepower (PTO) ..... farms	36	37	37	29	17	58	9	93
number	37	63	39	52	(D)	67	12	138
100 horsepower (PTO) or more ..... farms	27	36	71	76	54	27	88	154
number	27	106	88	113	(D)	32	116	205
Grain and bean combines ..... farms	14	62	26	88	28	34	48	116
number	14	62	27	88	28	34	48	116
Cotton pickers and strippers ..... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ..... farms	62	20	30	12	3	17	10	35
number	62	20	30	12	3	17	10	35
Pickup balers ..... farms	61	22	12	29	7	45	7	45
number	62	22	12	29	7	45	7	46
Manufactured prior to 1993:								
Motortrucks, including pickups ..... farms	479	420	631	707	522	702	641	1 223
number	722	698	1 026	1 104	1 050	1 212	1 023	1 941
Wheel tractors ..... farms	595	503	741	919	579	762	742	1 267
number	1 285	1 661	2 043	2 836	1 905	2 031	2 573	3 647
Less than 40 horsepower (PTO) ..... farms	220	185	441	369	301	326	394	493
number	313	330	623	544	(D)	450	730	889
40 horsepower (PTO) or more ..... farms	553	485	615	861	529	709	667	1 163
number	972	1 331	1 420	2 292	(D)	1 581	1 843	2 758
Grain and bean combines ..... farms	134	252	403	525	393	298	429	616
number	150	295	447	577	402	315	455	667
Cotton pickers and strippers ..... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ..... farms	237	131	153	169	100	215	95	193
number	258	143	167	188	117	249	96	218
Pickup balers ..... farms	312	164	193	269	173	170	105	278
number	372	226	212	305	189	217	133	334

Table 9. **Machinery and Equipment on Place: 1997 and 1992**—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
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment ..... farms, 1997	777	802	1 326	933	671	812	798	920
1992	919	825	1 439	933	674	968	916	1 086
$1,000, 1997	99 132	59 702	118 478	68 520	37 072	82 738	81 548	73 342
1992	86 828	61 184	101 944	66 279	29 049	81 540	69 330	75 488
Average per farm ..... dollars, 1997	127 583	74 442	89 350	73 440	55 249	101 894	102 191	79 719
1992	94 481	74 162	70 843	71 039	43 099	84 236	75 688	69 510
Farms by value group:								
$1 to $9,999 1997	60	152	175	135	203	45	51	96
1992	39	122	195	61	116	67	112	89
$10,000 to $19,999 1997	38	171	190	127	64	112	106	119
1992	67	120	196	117	158	88	117	144
$20,000 to $29,999 1997	30	96	127	91	73	76	75	39
1992	71	143	196	124	51	169	109	165
$30,000 to $49,999 1997	120	70	141	164	81	101	147	184
1992	149	104	132	183	123	118	146	137
$50,000 to $69,999 1997	53	88	111	107	119	69	55	105
1992	128	57	109	111	140	90	103	136
$70,000 to $99,999 1997	87	46	118	100	33	156	79	97
1992	113	60	219	74	22	107	52	111
$100,000 to $199,999 1997	185	77	284	136	56	142	142	186
1992	202	94	287	195	32	216	206	222
$200,000 to $499,999 1997	189	93	168	63	38	88	135	92
1992	149	121	100	68	30	111	67	81
$500,000 or more 1997	15	9	12	10	4	23	8	2
1992	1	4	5	–	2	2	4	1
SELECTED MACHINERY AND EQUIPMENT								
Motortrucks, including pickups ..... farms, 1997	736	700	1 243	832	621	749	736	877
1992	857	722	1 313	889	581	914	809	1 030
number, 1997	1 288	1 168	2 412	1 550	1 271	1 361	1 332	1 493
1992	1 540	1 411	2 164	1 607	1 008	1 533	1 299	1 687
Wheel tractors ..... farms, 1997	725	759	1 257	856	595	779	742	851
1992	860	757	1 358	833	631	909	868	994
number, 1997	2 783	1 724	3 976	2 475	1 365	2 547	2 156	2 894
1992	3 133	2 382	4 166	2 807	1 778	3 409	3 186	3 408
Less than 40 horsepower (PTO) ..... farms, 1997	363	399	597	404	255	324	301	325
1992	445	408	575	311	340	374	511	358
number, 1997	729	565	918	580	353	447	411	478
1992	801	694	988	504	604	727	818	621
40 horsepower (PTO) or more ..... farms, 1997	707	578	1 080	743	471	722	676	827
1992	811	669	1 239	828	515	821	797	956
number, 1997	2 054	1 159	3 058	1 895	1 012	2 100	1 745	2 416
1992	2 332	1 688	3 178	2 303	1 174	2 682	2 368	2 787
40 to 99 horsepower (PTO) ..... farms, 1997	554	394	808	591	409	598	521	688
number, 1997	989	565	1 399	1 018	655	1 092	896	1 282
100 horsepower (PTO) or more ..... farms, 1997	581	351	832	508	245	570	468	583
number, 1997	1 065	594	1 659	877	357	1 008	849	1 134
Grain and bean combines ..... farms, 1997	543	273	702	420	275	459	471	597
1992	734	393	707	514	334	624	490	706
number, 1997	570	301	725	468	295	474	498	625
1992	799	446	759	544	359	716	522	783
Cotton pickers and strippers ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
number, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Mower conditioners ..... farms, 1997	101	131	313	356	202	175	223	290
1992	114	190	297	400	177	157	336	271
number, 1997	104	137	326	405	216	177	240	299
1992	117	193	328	403	186	161	369	272
Pickup balers ..... farms, 1997	158	216	317	356	250	212	284	347
1992	155	185	409	493	310	274	435	352
number, 1997	188	239	371	439	274	222	342	379
1992	160	245	470	627	359	306	533	423
1997 INVENTORY								
Manufactured 1993 to 1997:								
Motortrucks, including pickups ..... farms	238	291	500	284	199	294	322	296
number	260	336	572	386	217	354	342	329
Wheel tractors ..... farms	83	150	182	106	52	94	125	85
number	109	211	271	141	62	146	187	94
Less than 40 horsepower (PTO) ..... farms	11	46	36	51	10	12	35	6
number	11	48	40	60	10	12	41	6
40 horsepower (PTO) or more ..... farms	74	118	151	56	42	86	100	84
number	98	163	231	81	52	134	146	88
40 to 99 horsepower (PTO) ..... farms	5	68	28	24	37	19	42	31
number	6	68	41	25	38	32	43	31
100 horsepower (PTO) or more ..... farms	72	64	144	38	12	70	70	53
number	92	95	190	56	14	102	103	57
Grain and bean combines ..... farms	105	78	102	70	29	76	86	100
number	106	79	107	81	29	78	86	100
Cotton pickers and strippers ..... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ..... farms	10	30	82	43	52	34	33	66
number	10	30	82	51	54	34	33	73
Pickup balers ..... farms	1	9	28	32	12	22	20	14
number	(D)	9	38	32	12	22	20	14
Manufactured prior to 1993:								
Motortrucks, including pickups ..... farms	591	519	1 048	651	534	599	606	781
number	1 028	832	1 840	1 164	1 054	1 007	990	1 164
Wheel tractors ..... farms	725	689	1 212	809	549	759	701	830
number	2 674	1 513	3 705	2 334	1 303	2 401	1 969	2 800
Less than 40 horsepower (PTO) ..... farms	360	353	573	363	245	313	267	319
number	718	517	878	520	343	435	370	472
40 horsepower (PTO) or more ..... farms	706	516	1 037	728	435	696	649	806
number	1 956	996	2 827	1 814	960	1 966	1 599	2 328
Grain and bean combines ..... farms	440	197	606	364	248	384	389	498
number	464	222	618	387	266	396	412	525
Cotton pickers and strippers ..... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ..... farms	92	107	231	316	155	141	191	225
number	94	107	244	354	162	143	207	226
Pickup balers ..... farms	157	208	289	338	238	192	272	333
number	(D)	230	333	407	262	200	322	365

Table 9. **Machinery and Equipment on Place: 1997 and 1992**—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
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment ..... farms, 1997	1 751	947	1 153	745	672	805	779	1 215
1992	1 998	979	1 287	742	672	753	758	1 197
$1,000, 1997	163 526	92 918	88 223	29 838	31 682	39 861	49 304	59 963
1992	133 280	71 877	83 440	33 243	35 233	27 083	32 429	50 129
Average per farm ..... dollars, 1997	93 390	98 118	76 516	40 051	47 146	49 516	63 291	49 352
1992	66 707	73 419	64 833	44 802	52 430	35 967	42 782	41 879
Farms by value group:								
$1 to $9,999 1997	156	141	178	171	170	154	179	311
1992	243	125	177	139	98	202	139	212
$10,000 to $19,999 1997	182	140	245	157	160	194	123	265
1992	250	154	185	163	195	147	246	153
$20,000 to $29,999 1997	157	88	133	129	106	92	147	75
1992	191	209	127	135	78	105	142	290
$30,000 to $49,999 1997	325	48	134	106	44	133	83	177
1992	291	80	191	108	55	126	52	227
$50,000 to $69,999 1997	174	122	45	36	82	49	27	132
1992	348	52	147	52	78	74	25	141
$70,000 to $99,999 1997	158	44	88	50	45	51	62	120
1992	226	102	166	44	69	42	65	53
$100,000 to $199,999 1997	362	213	209	74	37	98	74	88
1992	311	151	220	78	51	46	41	95
$200,000 to $499,999 1997	215	142	101	21	16	34	77	31
1992	130	98	73	23	48	10	47	22
$500,000 or more 1997	22	9	20	1	12	–	7	16
1992	8	8	1	–	–	1	1	4
SELECTED MACHINERY AND EQUIPMENT								
Motortrucks, including pickups ..... farms, 1997	1 694	871	1 071	703	599	693	679	1 046
1992	1 735	875	1 186	632	631	638	637	1 057
number, 1997	2 863	1 678	1 901	1 252	943	1 286	1 069	1 923
1992	2 516	1 504	2 017	1 100	1 032	1 045	1 031	1 713
Wheel tractors ..... farms, 1997	1 675	904	1 043	676	637	745	724	1 158
1992	1 818	928	1 185	688	614	696	694	1 128
number, 1997	5 286	2 677	3 209	1 429	1 541	1 935	1 897	2 749
1992	5 287	2 962	4 048	1 860	1 688	1 871	1 672	3 194
Less than 40 horsepower (PTO) ..... farms, 1997	607	456	359	304	343	378	342	594
1992	690	451	554	278	271	353	325	649
number, 1997	1 038	792	592	397	507	548	522	916
1992	1 071	772	1 010	506	456	514	566	1 127
40 horsepower (PTO) or more ..... farms, 1997	1 590	764	981	560	527	583	678	916
1992	1 626	839	1 075	620	532	595	562	951
number, 1997	4 248	1 885	2 617	1 032	1 034	1 387	1 375	1 833
1992	4 216	2 190	3 038	1 354	1 232	1 357	1 106	2 067
40 to 99 horsepower (PTO) ..... farms, 1997	1 323	642	842	413	450	508	581	762
number, 1997	2 303	948	1 534	(D)	703	876	816	1 168
100 horsepower (PTO) or more ..... farms, 1997	1 108	494	588	277	242	313	376	408
number, 1997	1 945	937	1 083	(D)	331	511	559	665
Grain and bean combines ..... farms, 1997	801	450	549	213	147	298	180	349
1992	884	541	795	329	302	298	188	447
number, 1997	836	516	604	276	169	338	185	410
1992	999	597	861	361	346	316	205	481
Cotton pickers and strippers ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
number, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Mower conditioners ..... farms, 1997	330	128	303	178	130	267	310	437
1992	383	204	373	259	152	218	219	435
number, 1997	346	144	319	189	138	295	317	467
1992	401	224	380	294	166	264	220	462
Pickup balers ..... farms, 1997	457	201	384	211	204	357	278	443
1992	598	270	457	270	283	330	357	523
number, 1997	497	249	467	261	263	489	320	551
1992	648	277	533	317	324	466	399	614
1997 INVENTORY								
Manufactured 1993 to 1997:								
Motortrucks, including pickups ..... farms	511	328	324	100	131	161	203	347
number	579	394	341	107	139	178	209	397
Wheel tractors ..... farms	267	97	143	69	43	95	89	85
number	399	166	165	73	72	148	134	122
Less than 40 horsepower (PTO) ..... farms	20	22	–	48	29	22	20	27
number	42	24	–	48	29	22	20	39
40 horsepower (PTO) or more ..... farms	264	93	143	21	26	95	89	65
number	357	142	165	25	43	126	114	83
40 to 99 horsepower (PTO) ..... farms	121	47	46	19	23	50	51	44
number	135	50	47	(D)	25	65	61	50
100 horsepower (PTO) or more ..... farms	172	73	99	2	16	52	49	30
number	222	92	118	(D)	18	61	53	33
Grain and bean combines ..... farms	101	78	55	3	12	16	36	33
number	101	79	55	6	12	16	36	36
Cotton pickers and strippers ..... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ..... farms	60	22	31	5	36	16	72	63
number	60	22	31	5	36	16	72	64
Pickup balers ..... farms	47	16	27	1	17	23	18	39
number	57	16	27	(D)	17	23	18	39
Manufactured prior to 1993:								
Motortrucks, including pickups ..... farms	1 442	744	918	663	525	635	581	871
number	2 284	1 284	1 560	1 145	804	1 108	860	1 526
Wheel tractors ..... farms	1 589	874	1 026	628	617	710	713	1 137
number	4 887	2 511	3 044	1 356	1 469	1 787	1 763	2 627
Less than 40 horsepower (PTO) ..... farms	605	436	359	256	314	357	333	578
number	996	768	592	349	478	526	502	877
40 horsepower (PTO) or more ..... farms	1 459	735	954	560	514	542	647	904
number	3 891	1 743	2 452	1 007	991	1 261	1 261	1 750
Grain and bean combines ..... farms	707	375	498	210	136	282	144	318
number	735	437	549	270	157	322	149	374
Cotton pickers and strippers ..... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ..... farms	277	112	273	173	94	252	238	383
number	286	122	288	184	102	279	245	403
Pickup balers ..... farms	412	199	365	210	187	349	260	419
number	440	233	440	(D)	246	466	302	512

Table 9. **Machinery and Equipment on Place: 1997 and 1992**—Con.

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

All farms	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment ... farms, 1997	1 062	729	936	606	1 450	1 299	607	716
1992	1 078	725	1 051	644	1 495	1 248	643	811
$1,000, 1997	87 757	34 944	105 212	66 257	88 833	102 151	60 470	97 737
1992	71 136	32 357	92 717	49 998	95 740	74 027	53 232	82 447
Average per farm ... dollars, 1997	82 634	47 934	112 406	109 336	61 264	78 638	99 621	136 504
1992	65 989	44 630	88 218	77 637	64 040	59 317	82 787	101 661
Farms by value group:								
$1 to $9,999 ... 1997	189	130	140	72	305	187	62	21
1992	113	85	113	88	225	129	65	78
$10,000 to $19,999 ... 1997	96	208	88	66	215	215	83	76
1992	141	132	167	65	159	239	62	66
$20,000 to $29,999 ... 1997	125	90	44	42	122	197	45	48
1992	172	113	58	47	142	193	71	59
$30,000 to $49,999 ... 1997	118	88	112	87	187	145	61	78
1992	119	145	95	117	281	196	96	69
$50,000 to $69,999 ... 1997	89	41	80	46	165	134	75	56
1992	155	111	176	37	174	139	33	112
$70,000 to $99,999 ... 1997	61	56	59	53	128	87	51	108
1992	132	69	86	104	164	102	119	111
$100,000 to $199,999 ... 1997	236	64	224	105	239	193	107	135
1992	166	54	223	144	268	179	127	198
$200,000 to $499,999 ... 1997	144	51	167	132	84	115	119	171
1992	80	16	128	40	79	68	70	113
$500,000 or more ... 1997	4	1	22	3	5	26	4	23
1992	–	–	5	2	3	3	–	5
SELECTED MACHINERY AND EQUIPMENT								
Motortrucks, including pickups ... farms, 1997	995	691	901	562	1 243	1 188	571	690
1992	991	685	994	590	1 309	1 144	596	749
number, 1997	1 833	1 206	1 841	1 287	2 050	2 096	1 100	1 329
1992	1 601	1 125	1 886	1 222	1 602	1 869	1 157	1 182
Wheel tractors ... farms, 1997	970	696	852	570	1 341	1 217	563	651
1992	1 005	701	968	604	1 438	1 121	596	770
number, 1997	2 765	1 639	3 038	1 899	4 152	3 685	1 871	2 323
1992	3 278	1 786	3 671	2 216	4 946	3 681	2 223	2 657
Less than 40 horsepower (PTO) ... farms, 1997	381	338	447	327	676	478	230	388
1992	405	287	616	371	685	566	330	454
number, 1997	573	459	726	549	1 137	869	389	652
1992	663	440	1 182	646	1 258	1 068	625	800
40 horsepower (PTO) or more ... farms, 1997	882	586	818	503	1 210	1 158	542	598
1992	925	635	834	546	1 286	1 027	536	675
number, 1997	2 192	1 180	2 312	1 350	3 015	2 816	1 482	1 671
1992	2 615	1 346	2 489	1 570	3 688	2 613	1 598	1 857
40 to 99 horsepower (PTO) ... farms, 1997	774	513	693	375	1 128	886	460	432
number, 1997	1 326	(D)	1 160	(D)	2 017	1 486	(D)	680
100 horsepower (PTO) or more ... farms, 1997	599	258	606	385	626	693	372	491
number, 1997	866	(D)	1 152	(D)	998	1 330	(D)	991
Grain and bean combines ... farms, 1997	454	236	552	331	517	554	339	479
1992	567	292	694	332	515	520	374	525
number, 1997	523	240	587	374	543	608	396	512
1992	624	315	791	370	558	554	400	581
Cotton pickers and strippers ... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
number, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
Mower conditioners ... farms, 1997	209	331	130	56	799	248	167	94
1992	379	325	126	70	955	163	92	143
number, 1997	231	350	132	57	846	269	167	94
1992	382	335	130	81	979	196	92	165
Pickup balers ... farms, 1997	243	316	131	124	794	309	208	130
1992	367	386	237	131	1 012	327	284	162
number, 1997	277	357	178	138	983	334	249	136
1992	455	457	253	133	1 234	388	315	164
1997 INVENTORY								
Manufactured 1993 to 1997:								
Motortrucks, including pickups ... farms	435	125	356	204	272	433	164	226
number	483	142	426	243	322	515	166	255
Wheel tractors ... farms	116	40	146	102	120	144	62	93
number	226	58	191	147	271	250	95	153
Less than 40 horsepower (PTO) ... farms	31	1	8	2	28	31	1	30
number	55	(D)	10	(D)	79	36	(D)	31
40 horsepower (PTO) or more ... farms	104	39	144	100	119	133	62	75
number	171	(D)	181	(D)	192	214	(D)	122
40 to 99 horsepower (PTO) ... farms	49	25	37	31	54	26	16	7
number	61	(D)	45	(D)	82	26	(D)	18
100 horsepower (PTO) or more ... farms	83	14	110	70	82	120	49	72
number	110	(D)	136	(D)	110	188	(D)	104
Grain and bean combines ... farms	56	13	105	61	54	98	71	108
number	57	14	108	61	56	101	71	109
Cotton pickers and strippers ... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ... farms	19	50	13	2	119	75	27	8
number	19	50	14	(D)	125	75	27	8
Pickup balers ... farms	25	28	11	8	112	42	18	–
number	25	38	11	10	124	42	18	–
Manufactured prior to 1993:								
Motortrucks, including pickups ... farms	799	662	754	528	1 092	985	518	581
number	1 350	1 064	1 415	1 044	1 728	1 581	934	1 074
Wheel tractors ... farms	952	687	825	548	1 299	1 182	553	643
number	2 539	1 581	2 847	1 752	3 881	3 435	1 776	2 170
Less than 40 horsepower (PTO) ... farms	356	337	439	326	648	448	230	359
number	518	(D)	716	(D)	1 058	833	(D)	621
40 horsepower (PTO) or more ... farms	869	566	787	474	1 167	1 115	532	595
number	2 021	(D)	2 131	(D)	2 823	2 602	(D)	1 549
Grain and bean combines ... farms	411	224	451	279	463	460	278	382
number	466	226	479	313	487	507	325	403
Cotton pickers and strippers ... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Mower conditioners ... farms	190	286	118	54	682	173	140	86
number	212	300	118	(D)	721	194	140	86
Pickup balers ... farms	233	290	130	116	718	267	190	130
number	252	319	167	128	859	292	231	136

Table 10. **Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992**

[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
Commercial fertilizer	farms, 1997	65 495	616	376	599	440	495	800
	1992	74 271	682	459	765	523	587	1 050
	acres on which used, 1997	14 473 220	126 115	75 934	70 453	54 466	132 340	219 603
	1992	14 775 107	140 858	83 384	109 300	70 360	128 350	217 497
Cropland fertilized, except pastureland	farms, 1997	63 748	588	332	587	387	485	790
	1992	73 100	666	418	765	452	587	1 048
	acres on which used, 1997	13 896 682	112 976	59 955	65 833	43 250	126 475	218 225
	1992	14 262 894	125 599	62 573	102 722	46 674	123 210	215 620
Pastureland and rangeland fertilized	farms, 1997	9 014	181	152	105	135	104	46
	1992	8 112	190	118	120	243	80	79
	acres on which used, 1997	576 538	13 139	15 979	4 620	11 216	5 865	1 378
	1992	512 213	15 259	20 811	6 578	23 686	5 140	1 877
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops	farms, 1997	24 957	255	102	355	20	176	375
	1992	37 097	412	222	558	225	289	552
	acres on which used, 1997	3 241 067	35 495	15 284	36 768	3 157	13 725	51 994
	1992	4 673 005	39 233	18 221	59 476	8 844	45 246	59 779
Nematodes in crops	farms, 1997	1 426	–	–	20	29	1	25
	1992	2 371	61	–	46	10	5	24
	acres on which used, 1997	175 517	–	–	1 395	3 408	(D)	1 891
	1992	290 834	2 557	–	4 521	389	645	2 429
Diseases in crops and orchards	farms, 1997	1 122	–	–	17	29	–	35
	1992	863	7	1	13	9	3	16
	acres on which used, 1997	131 187	–	–	406	2 415	–	3 983
	1992	92 697	364	(D)	2 875	105	1 001	948
Weeds, grass, or brush in crops and pasture	farms, 1997	53 909	444	329	373	312	456	744
	1992	59 568	568	367	553	317	426	868
	acres on which used, 1997	16 674 094	126 871	95 267	39 911	45 593	169 932	267 003
	1992	16 580 787	156 595	80 954	59 294	46 084	136 801	232 967
Chemicals used on crops to control growth, thin fruit, or defoliate	farms, 1997	43	–	–	–	1	–	–
	1992	1 124	8	18	10	–	2	31
	acres on which used, 1997	1 594	–	–	–	(D)	–	–
	1992	162 801	524	1 260	370	–	(D)	3 240

Chemicals used		Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Commercial fertilizer	farms, 1997	783	648	749	888	713	801	721
	1992	900	783	850	959	877	854	764
	acres on which used, 1997	157 874	154 922	128 969	195 039	165 915	166 157	184 402
	1992	182 514	163 859	148 445	214 112	174 650	168 934	181 301
Cropland fertilized, except pastureland	farms, 1997	783	640	733	881	706	777	721
	1992	900	758	839	946	877	845	763
	acres on which used, 1997	157 500	153 401	127 817	193 476	165 591	164 180	182 480
	1992	182 069	162 535	148 036	213 298	174 169	168 689	179 804
Pastureland and rangeland fertilized	farms, 1997	35	45	65	68	17	82	53
	1992	16	46	38	35	21	28	42
	acres on which used, 1997	374	1 521	1 152	1 563	324	1 977	1 922
	1992	445	1 324	409	814	481	245	1 497
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops	farms, 1997	270	139	321	376	84	346	127
	1992	438	221	382	535	245	435	122
	acres on which used, 1997	24 633	23 002	27 876	58 672	16 778	35 503	34 075
	1992	52 867	27 768	45 106	78 455	29 243	50 592	13 693
Nematodes in crops	farms, 1997	6	12	26	34	13	16	7
	1992	26	20	26	48	16	18	17
	acres on which used, 1997	913	1 558	1 615	2 343	1 355	1 050	365
	1992	4 108	2 540	3 188	8 621	1 862	1 408	851
Diseases in crops and orchards	farms, 1997	28	9	2	16	2	16	6
	1992	19	19	–	9	11	11	–
	acres on which used, 1997	903	(D)	(D)	268	(D)	2 287	300
	1992	361	1 580	–	324	(D)	621	–
Weeds, grass, or brush in crops and pasture	farms, 1997	654	514	639	812	631	662	626
	1992	688	623	703	749	730	743	691
	acres on which used, 1997	195 577	205 999	148 140	217 485	250 744	202 284	259 090
	1992	199 108	224 326	152 008	196 164	245 088	205 361	276 105
Chemicals used on crops to control growth, thin fruit, or defoliate	farms, 1997	1	–	–	–	14	–	–
	1992	3	31	9	12	6	2	10
	acres on which used, 1997	(D)	–	–	–	651	–	–
	1992	(D)	6 410	1 778	978	2 400	(D)	3 362

Table 10. **Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992**—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
Commercial fertilizer	farms, 1997	902	644	708	596	704	654	407
	1992	972	721	861	646	784	772	391
	acres on which used, 1997	196 048	156 109	175 606	155 527	154 081	131 267	51 615
	1992	189 261	168 255	196 983	177 471	160 983	149 735	45 252
Cropland fertilized, except pastureland	farms, 1997	884	621	708	591	704	654	364
	1992	970	714	861	646	784	772	340
	acres on which used, 1997	192 326	136 102	172 400	155 069	147 462	130 219	39 678
	1992	185 265	151 261	194 732	177 201	155 682	148 854	38 482
Pastureland and rangeland fertilized	farms, 1997	67	223	63	30	105	34	151
	1992	70	199	62	8	58	30	118
	acres on which used, 1997	3 722	20 007	3 206	458	6 619	1 048	11 937
	1992	3 996	16 994	2 251	270	5 301	881	6 770
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops	farms, 1997	305	273	433	208	291	255	75
	1992	462	408	689	348	335	373	135
	acres on which used, 1997	23 250	38 520	48 562	28 142	25 728	29 483	10 893
	1992	44 034	54 739	102 973	57 063	54 786	58 344	16 827
Nematodes in crops	farms, 1997	11	9	26	–	2	3	–
	1992	5	26	17	8	24	30	2
	acres on which used, 1997	1 817	1 356	4 261	–	(D)	416	–
	1992	658	2 779	3 004	1 490	2 930	3 585	(D)
Diseases in crops and orchards	farms, 1997	20	1	8	15	8	10	1
	1992	12	1	25	19	1	11	–
	acres on which used, 1997	1 288	(D)	1 325	820	80	5 735	(D)
	1992	366	(D)	440	2 559	(D)	4 992	–
Weeds, grass, or brush in crops and pasture	farms, 1997	772	533	602	486	613	489	341
	1992	831	654	672	565	672	569	268
	acres on which used, 1997	227 388	163 631	203 537	182 682	194 469	162 354	56 518
	1992	234 824	187 235	185 634	207 888	191 462	141 636	41 758
Chemicals used on crops to control growth, thin fruit, or defoliate	farms, 1997	–	–	2	1	–	–	1
	1992	7	3	39	1	23	12	9
	acres on which used, 1997	–	–	(D)	(D)	–	–	(D)
	1992	1 212	(D)	2 628	(D)	1 820	2 208	342

Chemicals used		Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Commercial fertilizer	farms, 1997	560	1 045	913	821	575	536	384
	1992	657	1 185	1 080	985	695	582	347
	acres on which used, 1997	127 712	182 704	196 758	206 254	139 071	82 129	57 345
	1992	139 916	190 965	209 958	218 139	145 151	70 474	51 355
Cropland fertilized, except pastureland	farms, 1997	559	1 031	896	799	566	483	320
	1992	649	1 179	1 056	942	680	556	330
	acres on which used, 1997	122 739	179 142	193 420	189 400	136 045	65 172	(D)
	1992	138 316	185 573	204 101	200 485	140 875	60 133	38 574
Pastureland and rangeland fertilized	farms, 1997	123	79	86	226	87	212	185
	1992	35	129	106	255	50	149	107
	acres on which used, 1997	4 973	3 562	3 338	16 854	3 026	16 957	(D)
	1992	1 600	5 392	5 857	17 654	4 276	10 341	12 781
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops	farms, 1997	128	726	622	332	189	159	84
	1992	170	986	843	524	258	226	150
	acres on which used, 1997	15 503	90 371	76 298	44 154	20 145	14 735	8 393
	1992	27 522	117 427	104 707	74 704	29 207	17 838	9 265
Nematodes in crops	farms, 1997	11	36	53	16	17	5	1
	1992	–	86	42	33	8	8	8
	acres on which used, 1997	130	3 398	8 607	3 085	3 422	60	(D)
	1992	–	9 053	6 132	2 866	1 349	308	435
Diseases in crops and orchards	farms, 1997	11	4	31	7	21	14	7
	1992	–	13	7	9	18	–	7
	acres on which used, 1997	230	(D)	999	105	1 612	217	378
	1992	–	533	(D)	588	3 766	–	140
Weeds, grass, or brush in crops and pasture	farms, 1997	490	837	801	707	499	341	259
	1992	596	933	782	767	610	367	249
	acres on which used, 1997	180 834	156 018	198 364	241 933	189 218	61 862	45 806
	1992	203 416	138 576	178 648	194 270	203 001	49 629	38 790
Chemicals used on crops to control growth, thin fruit, or defoliate	farms, 1997	–	–	6	–	–	–	–
	1992	11	2	6	9	–	4	–
	acres on which used, 1997	–	–	12	–	–	–	–
	1992	2 304	(D)	(D)	(D)	–	122	–

Table 10. **Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992**—Con.

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

Chemicals used		Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Commercial fertilizer	farms, 1997	987	477	368	1 073	403	988	625	700
	1992	1 037	526	443	1 327	450	1 124	700	766
	acres on which used, 1997	184 776	91 273	103 307	150 816	113 171	223 492	168 946	200 753
	1992	192 114	93 058	93 527	159 628	97 410	215 472	152 402	182 873
Cropland fertilized, except pastureland	farms, 1997	980	466	361	1 066	403	972	613	690
	1992	1 029	526	443	1 304	450	1 118	692	766
	acres on which used, 1997	182 982	88 085	102 031	147 378	110 714	220 001	168 615	200 223
	1992	189 142	91 296	90 234	155 426	96 580	213 542	151 533	182 759
Pastureland and rangeland fertilized	farms, 1997	70	72	22	105	45	67	17	21
	1992	109	32	16	187	25	57	43	10
	acres on which used, 1997	1 794	3 188	1 276	3 438	2 457	3 491	331	530
	1992	2 972	1 762	3 293	4 202	830	1 930	869	114
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops	farms, 1997	686	191	89	687	49	508	186	268
	1992	777	216	156	851	101	735	277	322
	acres on which used, 1997	81 574	14 527	12 883	74 993	5 661	76 233	20 235	42 398
	1992	114 966	26 502	15 041	82 941	15 165	104 941	35 978	44 950
Nematodes in crops	farms, 1997	76	1	–	78	8	27	–	–
	1992	50	10	–	166	3	21	15	7
	acres on which used, 1997	9 552	(D)	–	7 135	430	2 640	–	–
	1992	7 029	1 149	–	14 796	260	4 428	2 726	4 306
Diseases in crops and orchards	farms, 1997	19	26	8	28	–	10	3	10
	1992	4	31	1	8	–	13	9	3
	acres on which used, 1997	2 236	1 087	32	1 465	–	2 017	9	3 188
	1992	977	444	(D)	1 340	–	1 746	1 402	576
Weeds, grass, or brush in crops and pasture	farms, 1997	782	412	315	671	323	757	566	577
	1992	751	414	382	891	398	829	573	609
	acres on which used, 1997	157 935	106 684	111 708	97 642	122 311	199 666	212 465	224 953
	1992	142 913	107 434	126 246	91 441	151 838	179 856	161 567	224 549
Chemicals used on crops to control growth, thin fruit, or defoliate	farms, 1997	–	–	–	1	–	–	1	–
	1992	16	16	1	24	12	23	8	1
	acres on which used, 1997	–	–	–	(D)	–	–	(D)	–
	1992	1 291	140	(D)	1 885	1 457	1 852	1 985	(D)

Chemicals used		Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Commercial fertilizer	farms, 1997	423	634	622	581	639	704	659	697
	1992	528	727	672	709	712	781	794	779
	acres on which used, 1997	134 484	157 488	174 531	115 569	173 304	187 057	171 685	206 251
	1992	137 098	170 809	170 943	127 609	176 787	183 847	171 164	217 023
Cropland fertilized, except pastureland	farms, 1997	408	627	622	547	639	704	659	681
	1992	497	727	667	676	712	781	786	772
	acres on which used, 1997	126 356	156 489	173 422	100 830	(D)	186 889	169 952	198 091
	1992	130 186	169 950	169 869	118 623	176 613	183 755	169 774	207 981
Pastureland and rangeland fertilized	farms, 1997	128	16	24	144	1	9	41	101
	1992	93	20	18	127	15	8	44	149
	acres on which used, 1997	8 128	999	1 109	14 739	(D)	168	1 733	8 160
	1992	6 912	859	1 074	8 986	174	92	1 390	9 042
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops	farms, 1997	144	75	303	167	136	174	233	233
	1992	216	165	309	193	108	249	357	557
	acres on which used, 1997	28 597	12 911	44 418	19 081	25 689	17 859	46 945	35 151
	1992	46 909	20 236	48 904	26 886	19 504	31 194	49 891	71 538
Nematodes in crops	farms, 1997	17	1	2	6	–	1	8	31
	1992	2	16	33	13	2	1	29	31
	acres on which used, 1997	5 535	(D)	(D)	126	–	(D)	2 240	5 019
	1992	(D)	1 509	7 857	441	(D)	(D)	5 323	5 660
Diseases in crops and orchards	farms, 1997	16	11	44	6	7	–	25	16
	1992	1	2	27	9	2	10	22	33
	acres on which used, 1997	6 085	733	11 590	300	(D)	–	2 570	1 040
	1992	(D)	(D)	7 954	9	(D)	43	832	6 964
Weeds, grass, or brush in crops and pasture	farms, 1997	403	607	582	516	574	619	574	504
	1992	440	654	613	565	669	748	719	568
	acres on which used, 1997	178 730	231 216	241 227	148 649	242 154	234 338	192 798	190 825
	1992	175 911	267 025	240 999	159 925	262 971	266 899	229 723	229 464
Chemicals used on crops to control growth, thin fruit, or defoliate	farms, 1997	–	–	–	–	6	–	–	1
	1992	6	8	13	8	12	2	12	20
	acres on which used, 1997	–	–	–	–	6	–	–	(D)
	1992	600	1 793	1 788	1 527	1 601	(D)	574	3 843

Table 10. **Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992**—Con.

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

Chemicals used		Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
Commercial fertilizer	farms, 1997	554	645	519	530	666	847	926	437
	1992	600	709	604	548	645	857	1 023	579
	acres on which used, 1997	126 848	144 082	136 236	131 468	143 661	123 106	191 636	69 404
	1992	99 281	143 602	143 858	123 235	127 507	117 698	199 314	89 815
Cropland fertilized, except pastureland	farms, 1997	554	645	519	511	652	823	899	416
	1992	593	709	604	548	629	838	1 005	560
	acres on which used, 1997	125 318	142 129	135 808	126 232	129 191	113 359	186 551	63 718
	1992	97 628	142 668	143 756	119 047	122 415	113 161	191 124	87 245
Pastureland and rangeland fertilized	farms, 1997	57	55	8	98	162	185	110	95
	1992	36	21	15	67	110	125	167	85
	acres on which used, 1997	1 530	1 953	428	5 236	14 470	9 747	5 085	5 686
	1992	1 653	934	102	4 188	5 092	4 537	8 190	2 570
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops	farms, 1997	217	187	93	190	424	450	421	105
	1992	321	351	102	324	516	650	541	186
	acres on which used, 1997	30 606	21 359	19 156	29 389	55 390	60 860	32 589	9 484
	1992	32 730	57 637	17 879	38 189	84 028	66 383	67 618	19 751
Nematodes in crops	farms, 1997	2	12	8	11	19	24	16	8
	1992	26	20	–	33	58	17	10	14
	acres on which used, 1997	(D)	2 463	2 560	2 245	1 548	3 448	2 290	352
	1992	3 099	5 505	–	6 533	6 618	2 354	431	405
Diseases in crops and orchards	farms, 1997	–	2	5	13	22	8	7	11
	1992	–	3	–	–	16	–	5	–
	acres on which used, 1997	–	(D)	10	2 373	1 920	608	602	1 540
	1992	–	(D)	–	–	(D)	–	(D)	–
Weeds, grass, or brush in crops and pasture	farms, 1997	469	533	484	422	548	548	686	295
	1992	437	538	552	484	517	502	780	426
	acres on which used, 1997	139 437	161 515	188 466	154 498	131 972	73 505	219 702	76 064
	1992	119 381	138 747	209 416	147 111	123 444	71 680	206 675	107 061
Chemicals used on crops to control growth, thin fruit, or defoliate	farms, 1997	–	1	–	–	1	–	–	–
	1992	–	18	16	13	1	49	25	31
	acres on which used, 1997	–	(D)	–	–	(D)	–	–	–
	1992	–	4 739	2 080	776	(D)	1 574	2 259	2 965

Chemicals used		Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Commercial fertilizer	farms, 1997	766	749	615	1 162	598	1 024	385	392
	1992	812	868	724	1 427	644	1 027	441	364
	acres on which used, 1997	117 035	172 641	135 074	305 901	113 082	168 314	87 238	66 506
	1992	128 345	164 148	134 467	343 665	104 830	171 960	98 880	51 947
Cropland fertilized, except pastureland	farms, 1997	736	737	602	1 155	578	1 017	368	358
	1992	797	862	701	1 427	644	1 027	428	331
	acres on which used, 1997	113 625	170 367	129 495	305 494	111 401	167 272	85 986	47 650
	1992	125 552	159 070	127 390	343 485	102 516	169 904	97 987	33 597
Pastureland and rangeland fertilized	farms, 1997	86	49	126	12	106	52	27	118
	1992	95	103	120	7	63	56	28	104
	acres on which used, 1997	3 410	2 274	5 579	407	1 681	1 042	1 252	18 856
	1992	2 793	5 078	7 077	180	2 314	2 056	893	18 350
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops	farms, 1997	337	496	269	249	224	400	163	95
	1992	616	631	480	300	324	660	275	155
	acres on which used, 1997	41 712	77 074	38 997	32 669	34 736	43 684	21 027	6 589
	1992	79 084	102 055	63 988	30 680	31 703	59 576	36 660	13 019
Nematodes in crops	farms, 1997	13	6	35	9	1	12	16	–
	1992	34	32	42	10	22	17	9	10
	acres on which used, 1997	2 948	2 168	3 608	2 480	(D)	199	2 804	–
	1992	3 060	8 147	7 828	1 758	1 758	2 904	1 000	865
Diseases in crops and orchards	farms, 1997	10	5	9	6	37	35	2	1
	1992	18	16	21	2	2	18	1	1
	acres on which used, 1997	451	50	668	60	3 685	378	(D)	(D)
	1992	1 440	3 469	865	(D)	(D)	2 200	(D)	(D)
Weeds, grass, or brush in crops and pasture	farms, 1997	599	610	520	1 061	434	813	326	264
	1992	632	695	561	1 236	446	883	341	189
	acres on which used, 1997	123 560	159 885	128 421	423 654	124 203	180 026	112 179	38 542
	1992	116 556	135 895	113 445	461 983	117 176	190 940	112 710	31 239
Chemicals used on crops to control growth, thin fruit, or defoliate	farms, 1997	–	–	–	–	1	–	–	–
	1992	23	22	15	26	3	26	16	–
	acres on which used, 1997	–	–	–	–	(D)	–	–	–
	1992	2 961	2 454	1 297	3 721	(D)	8 643	7 242	–

Table 10. **Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992**—Con.

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

Chemicals used		Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Commercial fertilizer	farms, 1997	844	598	693	613	628	372	576	559
	1992	823	709	865	767	765	432	682	683
	acres on which used, 1997	162 580	98 503	134 773	110 340	149 100	96 773	126 114	211 395
	1992	158 341	101 494	141 078	95 191	169 107	115 134	141 506	200 148
Cropland fertilized, except pastureland	farms, 1997	819	553	670	586	613	336	576	521
	1992	823	685	838	756	751	430	682	671
	acres on which used, 1997	160 308	83 825	132 138	103 834	146 037	88 295	124 855	193 021
	1992	155 726	88 960	134 949	90 661	167 133	111 070	140 803	192 481
Pastureland and rangeland fertilized	farms, 1997	84	168	86	131	64	123	23	139
	1992	40	141	110	109	37	86	22	81
	acres on which used, 1997	2 272	14 678	2 635	6 506	3 063	8 478	1 259	18 374
	1992	2 615	12 534	6 129	4 530	1 974	4 064	703	7 667
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops	farms, 1997	301	155	432	186	357	118	279	232
	1992	438	382	492	431	524	213	381	340
	acres on which used, 1997	47 291	13 148	52 137	23 665	46 125	17 288	41 633	55 719
	1992	69 891	26 302	63 700	38 194	73 057	37 116	51 731	71 524
Nematodes in crops	farms, 1997	9	6	38	24	34	–	2	–
	1992	12	13	54	37	31	24	10	21
	acres on which used, 1997	330	537	1 674	4 007	4 232	–	(D)	–
	1992	2 320	1 355	3 140	1 787	1 869	4 704	1 453	4 249
Diseases in crops and orchards	farms, 1997	20	2	10	22	28	–	2	10
	1992	2	13	13	2	24	7	5	2
	acres on which used, 1997	6 008	(D)	148	1 395	3 922	–	(D)	4 747
	1992	(D)	525	4 581	(D)	1 002	7	846	(D)
Weeds, grass, or brush in crops and pasture	farms, 1997	707	481	545	440	528	306	521	480
	1992	761	617	684	586	621	382	485	575
	acres on which used, 1997	216 309	121 869	145 819	111 962	193 234	132 617	163 809	210 652
	1992	195 517	130 718	157 361	86 862	206 165	155 750	143 540	225 589
Chemicals used on crops to control growth, thin fruit, or defoliate	farms, 1997	–	–	–	–	–	–	3	–
	1992	–	–	16	5	13	11	4	–
	acres on which used, 1997	–	–	–	–	–	–	(D)	–
	1992	–	–	3 770	576	2 276	390	1 828	–

Chemicals used		Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Commercial fertilizer	farms, 1997	390	420	549	824	553	629	652	1 095
	1992	361	506	605	928	625	750	729	1 273
	acres on which used, 1997	53 602	111 789	107 938	173 337	140 230	127 678	146 619	252 277
	1992	37 575	109 189	105 334	180 461	141 139	131 870	160 899	269 541
Cropland fertilized, except pastureland	farms, 1997	356	405	532	822	553	617	643	1 078
	1992	328	499	588	928	617	741	729	1 244
	acres on which used, 1997	43 453	101 148	107 011	171 368	138 965	109 798	145 338	243 823
	1992	28 000	93 775	102 899	179 634	140 430	116 724	160 317	255 329
Pastureland and rangeland fertilized	farms, 1997	123	144	40	30	43	200	37	114
	1992	115	164	39	28	17	190	20	218
	acres on which used, 1997	10 149	10 641	927	1 969	1 265	17 880	1 281	8 454
	1992	9 575	15 414	2 435	827	709	15 146	582	14 212
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops	farms, 1997	92	125	284	281	168	169	116	456
	1992	205	241	438	324	166	327	159	562
	acres on which used, 1997	5 505	27 894	34 447	36 808	32 817	24 067	18 106	53 685
	1992	16 328	33 154	44 946	37 926	28 521	15 742	19 821	80 247
Nematodes in crops	farms, 1997	13	11	22	14	2	7	24	65
	1992	12	18	13	25	2	26	8	82
	acres on which used, 1997	1 328	2 207	5 002	6 899	(D)	1 395	3 842	3 410
	1992	270	1 103	2 520	3 411	(D)	1 476	267	7 060
Diseases in crops and orchards	farms, 1997	12	7	27	14	–	2	15	13
	1992	–	10	28	13	–	4	7	1
	acres on which used, 1997	450	841	1 018	6 782	–	(D)	3 326	303
	1992	–	575	457	1 090	–	803	98	(D)
Weeds, grass, or brush in crops and pasture	farms, 1997	307	355	425	713	424	555	593	957
	1992	259	426	474	825	522	593	674	1 075
	acres on which used, 1997	44 722	108 159	114 527	241 492	162 160	151 618	229 901	299 770
	1992	29 049	118 099	112 084	243 518	193 024	154 916	238 517	284 453
Chemicals used on crops to control growth, thin fruit, or defoliate	farms, 1997	–	–	–	–	–	–	–	–
	1992	5	7	9	–	2	21	7	7
	acres on which used, 1997	–	–	–	–	–	–	–	–
	1992	40	2 100	134	–	(D)	1 535	28	2 683

Table 10. **Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992**—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, 1997	720	492	1 111	605	367	672	676	804
	1992	809	567	1 187	698	450	793	710	899
	acres on which used, 1997	189 547	107 160	291 695	130 371	69 484	173 886	149 807	218 520
	1992	189 815	102 506	288 488	132 965	76 351	179 444	149 802	218 808
Cropland fertilized, except pastureland	farms, 1997	720	492	1 078	589	328	664	676	772
	1992	809	561	1 156	668	429	791	701	896
	acres on which used, 1997	189 161	104 346	280 322	119 692	54 023	171 225	149 243	210 460
	1992	189 527	101 587	274 945	126 829	56 740	177 133	148 466	212 709
Pastureland and rangeland fertilized	farms, 1997	22	52	208	136	149	56	48	231
	1992	11	19	274	128	120	43	51	144
	acres on which used, 1997	386	2 814	11 373	10 679	15 461	2 661	564	8 060
	1992	288	919	13 543	6 136	19 611	2 311	1 336	6 099
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops	farms, 1997	82	191	430	284	65	171	451	449
	1992	143	219	706	412	214	326	574	655
	acres on which used, 1997	10 650	21 289	45 354	24 753	3 422	28 715	63 361	46 073
	1992	20 802	21 369	89 763	40 653	19 644	47 344	77 219	83 670
Nematodes in crops	farms, 1997	16	4	41	12	1	8	25	23
	1992	8	11	48	8	22	45	49	26
	acres on which used, 1997	1 275	24	3 770	856	(D)	680	1 660	936
	1992	873	841	4 713	1 318	1 686	6 530	6 245	2 542
Diseases in crops and orchards	farms, 1997	–	12	9	6	6	3	11	–
	1992	–	12	24	–	12	12	12	6
	acres on which used, 1997	–	465	724	1 465	18	(D)	6 401	–
	1992	–	(D)	1 964	–	1 350	2 909	12	757
Weeds, grass, or brush in crops and pasture	farms, 1997	622	464	890	513	274	583	555	643
	1992	726	456	956	567	352	657	555	633
	acres on which used, 1997	256 933	144 006	324 243	150 923	64 222	232 871	155 867	201 147
	1992	282 653	140 774	321 513	151 922	66 096	214 765	143 242	197 596
Chemicals used on crops to control growth, thin fruit, or defoliate	farms, 1997	–	2	–	–	–	–	–	–
	1992	16	1	6	17	9	21	7	6
	acres on which used, 1997	–	(D)	–	–	–	–	–	–
	1992	3 246	(D)	1 439	2 259	360	3 000	70	1 165

Chemicals used		Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Commercial fertilizer	farms, 1997	1 297	755	782	413	399	464	444	689
	1992	1 467	761	941	567	400	514	522	830
	acres on which used, 1997	261 690	181 598	180 516	103 286	69 031	60 040	66 405	86 181
	1992	275 344	166 717	209 059	89 300	69 205	65 283	68 902	104 765
Cropland fertilized, except pastureland	farms, 1997	1 280	749	750	370	355	448	413	668
	1992	1 467	761	926	554	391	513	501	817
	acres on which used, 1997	259 202	180 641	176 387	82 233	53 922	53 273	60 846	79 819
	1992	273 592	165 634	203 194	79 986	54 973	59 560	63 564	100 045
Pastureland and rangeland fertilized	farms, 1997	91	31	109	134	151	126	107	99
	1992	64	15	130	95	106	72	74	92
	acres on which used, 1997	2 488	957	4 129	21 053	15 109	6 767	5 559	6 362
	1992	1 752	1 083	5 865	9 314	14 232	5 723	5 338	4 720
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops	farms, 1997	572	167	395	91	75	159	136	242
	1992	925	277	621	221	157	195	218	323
	acres on which used, 1997	82 739	48 977	51 623	24 637	3 320	13 712	14 925	15 330
	1992	134 102	39 667	90 628	21 896	16 462	21 640	18 398	20 124
Nematodes in crops	farms, 1997	23	6	17	12	–	17	–	–
	1992	54	5	91	10	25	2	4	16
	acres on which used, 1997	3 570	330	1 472	165	–	1 420	–	–
	1992	9 209	1 357	11 417	350	1 145	(D)	873	1 450
Diseases in crops and orchards	farms, 1997	3	18	23	12	–	7	–	9
	1992	12	23	14	–	10	25	12	20
	acres on which used, 1997	(D)	2 760	2 443	3 373	–	70	–	412
	1992	1 264	1 777	94	–	90	2 210	1 229	1 177
Weeds, grass, or brush in crops and pasture	farms, 1997	1 136	619	637	375	370	351	282	553
	1992	1 158	695	753	406	354	405	318	728
	acres on which used, 1997	315 071	234 358	200 395	98 557	81 498	68 461	67 998	114 129
	1992	257 337	214 469	240 011	91 584	82 952	60 179	64 474	142 905
Chemicals used on crops to control growth, thin fruit, or defoliate	farms, 1997	–	–	–	–	–	–	–	–
	1992	17	15	3	7	18	19	16	7
	acres on which used, 1997	–	–	–	–	–	–	–	–
	1992	7 133	(D)	1 266	3 070	406	2 113	3 402	(D)

Table 10. **Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992**—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, 1997	710	499	789	458	982	890	440	569
	1992	778	576	873	519	1 101	949	480	699
	acres on which used, 1997	152 646	67 353	221 511	131 183	159 420	259 716	111 105	194 471
	1992	138 375	96 784	200 599	126 011	151 444	225 597	123 409	186 349
Cropland fertilized, except pastureland	farms, 1997	684	434	781	447	944	819	440	569
	1992	745	575	866	519	1 052	922	480	698
	acres on which used, 1997	150 107	52 903	221 283	130 909	149 205	242 632	109 914	194 277
	1992	133 239	87 176	199 537	126 011	145 920	216 363	122 809	186 124
Pastureland and rangeland fertilized	farms, 1997	76	196	14	18	191	198	31	3
	1992	125	133	30	–	198	165	15	4
	acres on which used, 1997	2 539	14 450	228	274	10 215	17 084	1 191	194
	1992	5 136	9 608	1 062	–	5 524	9 234	600	225
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops	farms, 1997	301	133	126	66	588	313	130	114
	1992	498	279	160	151	812	492	231	101
	acres on which used, 1997	41 355	8 973	23 119	13 615	67 034	58 710	13 355	20 076
	1992	70 484	25 677	18 134	15 264	90 856	81 287	30 467	14 770
Nematodes in crops	farms, 1997	8	9	1	2	50	17	1	35
	1992	16	26	7	8	124	10	1	–
	acres on which used, 1997	583	396	(D)	(D)	2 978	5 965	(D)	5 916
	1992	2 329	3 542	1 279	1 193	11 903	3 701	(D)	–
Diseases in crops and orchards	farms, 1997	26	–	9	1	18	38	–	7
	1992	7	–	2	2	2	4	2	–
	acres on which used, 1997	3 316	–	1 712	(D)	55	4 317	–	118
	1992	1 561	–	(D)	(D)	(D)	(D)	(D)	–
Weeds, grass, or brush in crops and pasture	farms, 1997	641	292	660	370	731	753	396	502
	1992	650	337	758	447	713	701	388	693
	acres on which used, 1997	186 440	59 869	298 428	165 761	122 691	272 674	144 780	246 712
	1992	154 326	68 616	270 893	170 903	82 879	244 080	131 258	280 356
Chemicals used on crops to control growth, thin fruit, or defoliate	farms, 1997	–	–	–	–	–	–	–	–
	1992	4	2	18	15	26	19	2	12
	acres on which used, 1997	–	–	–	–	–	–	–	–
	1992	970	(D)	2 745	1 620	3 971	882	(D)	2 661

Table 11. Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992

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

Characteristics	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
FARMS							
Land in farms ..... farms, 1997	90 792	792	573	958	797	649	1 210
1992	96 543	891	643	1 000	827	740	1 325
acres, 1997	31 166 699	335 756	235 441	295 778	241 094	272 258	418 483
1992	31 346 565	328 970	239 800	321 728	238 609	268 506	427 215
Harvested cropland ..... farms, 1997	74 951	653	444	712	623	543	1 024
1992	84 009	759	544	846	699	635	1 158
acres, 1997	23 323 249	214 279	125 377	135 640	98 611	217 639	341 149
1992	22 826 308	201 988	124 077	143 265	96 528	197 846	337 633
TENURE OF OPERATOR							
Full owners ..... farms, 1997	42 902	401	321	584	533	302	514
1992	43 541	440	328	601	530	323	536
acres, 1997	7 149 906	85 238	73 271	127 250	103 214	56 367	73 176
1992	7 480 004	88 441	79 789	143 017	98 263	64 436	86 929
Harvested cropland ..... farms, 1997	28 983	282	205	365	381	213	346
1992	32 977	336	249	470	422	238	393
acres, 1997	3 802 650	45 065	27 620	40 646	33 699	34 806	44 558
1992	4 224 569	46 405	33 512	52 490	33 552	38 692	56 638
Part owners ..... farms, 1997	32 996	292	190	274	209	253	473
1992	34 720	331	237	306	243	277	509
acres, 1997	19 074 894	213 602	139 350	139 161	123 721	183 264	268 809
1992	18 208 604	211 124	130 775	154 604	122 691	162 978	249 406
Owned land in farms ..... acres, 1997	7 204 778	96 760	64 216	77 850	62 800	69 361	99 556
1992	7 300 502	102 894	64 156	91 515	61 563	66 255	97 243
Rented land in farms ..... acres, 1997	11 870 116	116 842	75 134	61 311	60 921	113 903	169 253
1992	10 908 102	108 230	66 619	63 089	61 128	96 723	152 163
Harvested cropland ..... farms, 1997	32 231	287	182	261	199	248	465
1992	34 097	327	226	298	232	268	505
acres, 1997	15 287 056	142 707	82 428	77 299	57 803	155 210	229 132
1992	13 942 737	136 472	73 394	77 503	55 250	124 805	204 374
Tenants ..... farms, 1997	14 894	99	62	100	55	94	223
1992	18 282	120	78	93	54	140	280
acres, 1997	4 941 899	36 916	22 820	29 367	14 159	32 627	76 498
1992	5 657 957	29 405	29 236	24 107	17 655	41 092	90 880
Harvested cropland ..... farms, 1997	13 737	84	57	86	43	82	213
1992	16 935	96	69	78	45	129	260
acres, 1997	4 233 543	26 507	15 329	17 695	7 109	27 623	67 459
1992	4 659 002	19 111	17 171	13 272	7 726	34 349	76 621
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated 1997	66 661	551	407	742	579	474	939
1992	72 150	667	481	764	615	540	1 008
Not on farm operated 1997	19 439	200	130	174	187	140	212
1992	19 053	176	126	165	156	143	243
Not reported 1997	4 692	41	36	42	31	35	59
1992	5 340	48	36	71	56	57	74
Operators by principal occupation:							
Farming 1997	56 256	498	347	610	402	448	736
1992	66 885	639	438	772	489	558	909
Other 1997	34 536	294	226	348	395	201	474
1992	29 658	252	205	228	338	182	416
Operators by days worked off farm:							
None 1997	40 767	375	244	462	305	326	517
1992	47 557	470	307	574	357	407	635
Any 1997	45 408	377	295	439	458	301	632
1992	42 672	367	284	345	392	278	606
1 to 49 days 1997	6 695	61	35	57	39	51	89
1992	7 543	63	41	52	46	59	110
50 to 99 days 1997	3 031	19	23	25	25	20	39
1992	2 983	22	25	27	16	22	37
100 to 149 days 1997	2 887	31	20	36	22	24	30
1992	2 803	28	17	35	25	20	37
150 to 199 days 1997	4 122	33	26	45	69	35	51
1992	3 775	26	33	33	54	31	55
200 days or more 1997	28 673	233	191	276	303	171	423
1992	25 568	228	168	198	251	146	367
Not reported 1997	4 617	40	34	57	34	22	61
1992	6 314	54	52	81	78	55	84
Operators by years on present farm:							
2 years or less 1997	3 505	24	20	30	27	17	43
1992	4 471	34	25	45	39	33	56
3 or 4 years 1997	4 287	36	14	54	39	24	59
1992	5 864	50	23	60	58	36	73
5 to 9 years 1997	10 433	69	50	116	110	83	120
1992	11 468	101	88	112	107	88	168
10 years or more 1997	60 710	538	417	624	509	453	824
1992	62 023	606	420	623	485	482	859
Average years on present farm 1997	22.3	24.7	25.2	22.4	22.5	22.5	22.0
1992	20.8	22.2	22.3	21.5	21.7	21.2	20.1
Not reported 1997	11 857	125	72	134	112	72	164
1992	12 717	100	87	160	138	101	169

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
FARMS							
Land in farms ..... farms, 1997	1 002	863	982	1 136	867	1 085	793
1992	1 111	923	1 058	1 193	972	1 146	899
acres, 1997	285 972	328 906	238 528	336 863	356 751	324 282	336 516
1992	299 502	330 080	236 668	333 115	341 923	315 448	345 567
Harvested cropland ..... farms, 1997	873	756	822	971	765	906	734
1992	977	831	916	1 054	857	962	806
acres, 1997	252 852	283 902	200 037	285 548	315 405	270 635	306 400
1992	257 277	278 180	195 242	274 972	294 236	254 452	304 854
TENURE OF OPERATOR							
Full owners ..... farms, 1997	447	363	479	545	270	473	241
1992	517	375	502	556	311	499	278
acres, 1997	51 191	57 592	54 601	71 183	48 885	64 890	33 302
1992	58 252	55 946	56 630	81 035	51 815	67 287	39 244
Harvested cropland ..... farms, 1997	333	274	340	404	186	310	195
1992	393	299	379	443	212	334	205
acres, 1997	37 368	42 089	37 999	49 822	38 539	41 816	27 802
1992	42 196	41 050	40 435	58 071	42 305	43 832	31 387
Part owners ..... farms, 1997	415	336	361	382	415	412	358
1992	399	350	359	389	413	427	403
acres, 1997	196 550	198 037	154 766	213 067	247 176	210 608	231 156
1992	189 468	201 654	146 186	196 319	215 094	195 291	226 049
Owned land in farms ..... acres, 1997	68 535	60 691	60 047	82 988	68 617	74 375	65 879
1992	66 894	56 958	59 222	83 231	67 182	78 246	64 761
Rented land in farms ..... acres, 1997	128 015	137 346	94 719	130 079	178 559	136 233	165 277
1992	122 574	144 696	86 964	113 088	147 912	117 045	161 288
Harvested cropland ..... farms, 1997	406	329	347	376	412	405	356
1992	396	341	355	380	413	424	393
acres, 1997	179 052	175 250	135 363	189 319	220 445	185 884	212 647
1992	167 962	172 507	125 396	167 738	184 894	165 447	201 931
Tenants ..... farms, 1997	140	164	142	209	182	200	194
1992	195	198	197	248	248	220	218
acres, 1997	38 231	73 277	29 161	52 613	60 690	48 784	72 058
1992	51 782	72 480	33 852	55 761	75 014	52 870	80 274
Harvested cropland ..... farms, 1997	134	153	135	191	167	191	183
1992	188	191	182	231	232	204	208
acres, 1997	36 432	66 563	26 675	46 407	56 421	42 935	65 951
1992	47 119	64 623	29 411	49 163	67 037	45 173	71 536
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated 1997	754	638	790	850	660	809	532
1992	853	707	837	902	718	907	646
Not on farm operated 1997	188	197	150	209	168	216	226
1992	197	182	173	230	195	180	202
Not reported 1997	60	28	42	77	39	60	35
1992	61	34	48	61	59	59	51
Operators by principal occupation:							
Farming 1997	526	537	531	723	658	653	555
1992	631	601	649	817	770	794	678
Other 1997	476	326	451	413	209	432	238
1992	480	322	409	376	202	352	221
Operators by days worked off farm:							
None 1997	361	392	381	498	434	453	382
1992	415	443	448	576	550	558	438
Any 1997	597	438	561	576	380	579	376
1992	640	436	570	545	362	524	402
1 to 49 days 1997	75	64	55	89	97	97	83
1992	93	74	71	103	78	89	84
50 to 99 days 1997	41	30	32	34	33	33	39
1992	41	26	30	28	39	38	44
100 to 149 days 1997	37	22	33	36	33	31	27
1992	23	26	36	30	30	32	32
150 to 199 days 1997	39	38	41	48	27	43	37
1992	60	38	49	50	37	46	47
200 days or more 1997	405	284	400	369	190	375	190
1992	423	272	384	334	178	319	195
Not reported 1997	44	33	40	62	53	53	35
1992	56	44	40	72	60	64	59
Operators by years on present farm:							
2 years or less 1997	39	13	39	59	27	42	29
1992	61	37	65	77	43	50	34
3 or 4 years 1997	44	43	48	59	33	44	44
1992	70	62	63	91	51	76	39
5 to 9 years 1997	96	97	124	143	92	132	65
1992	140	89	153	153	124	125	121
10 years or more 1997	692	614	655	711	614	729	569
1992	701	634	681	716	633	751	586
Average years on present farm 1997	22.1	23.7	20.9	20.6	23.0	22.2	21.9
1992	19.5	21.3	18.7	18.6	20.7	20.5	20.4
Not reported 1997	131	96	116	164	101	138	86
1992	139	101	96	156	121	144	119

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
FARMS							
Land in farms ..... farms, 1997	1 102	804	965	822	890	926	678
1992	1 197	905	1 099	821	979	1 007	680
acres, 1997	352 698	331 362	325 744	300 851	330 355	272 371	221 848
1992	359 755	347 353	338 801	308 497	336 254	274 905	236 409
Harvested cropland ..... farms, 1997	967	677	812	694	777	789	505
1992	1 062	790	956	737	875	880	569
acres, 1997	302 918	237 766	264 890	264 004	265 149	223 329	81 284
1992	300 794	243 861	269 143	265 436	262 066	216 787	90 864
TENURE OF OPERATOR							
Full owners ..... farms, 1997	396	353	414	342	301	431	426
1992	444	370	474	302	303	494	392
acres, 1997	63 764	74 759	58 363	54 305	55 639	62 077	89 851
1992	67 145	74 976	72 855	62 033	56 131	74 924	95 102
Harvested cropland ..... farms, 1997	283	252	283	230	212	310	276
1992	327	278	351	234	224	380	307
acres, 1997	50 253	44 013	35 179	38 662	36 987	41 565	25 553
1992	51 597	44 433	48 441	49 243	39 542	47 809	29 109
Part owners ..... farms, 1997	451	330	373	313	383	360	193
1992	475	353	373	338	392	370	204
acres, 1997	213 796	216 360	203 071	190 014	201 677	179 193	114 477
1992	208 423	212 353	183 585	186 340	190 888	167 929	117 535
Owned land in farms ..... acres, 1997	71 101	87 458	74 603	62 457	66 635	79 916	57 059
1992	79 819	86 728	74 440	61 359	78 191	81 986	64 311
Rented land in farms ..... acres, 1997	142 695	128 902	128 468	127 557	135 042	99 277	57 418
1992	128 604	125 625	109 145	124 981	112 697	85 943	53 224
Harvested cropland ..... farms, 1997	445	314	369	306	374	358	183
1992	471	345	369	333	384	365	196
acres, 1997	186 860	163 139	172 251	172 523	166 503	154 729	49 165
1992	176 171	154 380	148 939	162 544	149 594	142 070	51 880
Tenants ..... farms, 1997	255	121	178	167	206	135	59
1992	278	182	252	181	284	143	84
acres, 1997	75 138	40 243	64 310	56 532	73 039	31 101	17 520
1992	84 187	60 024	82 361	60 124	89 235	32 052	23 772
Harvested cropland ..... farms, 1997	239	111	160	158	191	121	46
1992	264	167	236	170	267	135	66
acres, 1997	65 805	30 614	57 460	52 819	61 659	27 035	6 566
1992	73 026	45 048	71 763	53 649	72 930	26 908	9 875
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated 1997	782	586	709	551	681	698	484
1992	885	669	846	574	758	786	496
Not on farm operated 1997	272	170	202	228	168	168	153
1992	241	186	207	197	171	173	143
Not reported 1997	48	48	54	43	41	60	41
1992	71	50	46	50	50	48	41
Operators by principal occupation:							
Farming 1997	765	537	623	530	622	620	354
1992	914	670	795	578	761	704	443
Other 1997	337	267	342	292	268	306	324
1992	283	235	304	243	218	303	237
Operators by days worked off farm:							
None 1997	468	384	455	397	423	452	266
1992	627	454	560	432	545	524	316
Any 1997	575	381	471	388	404	414	363
1992	481	366	476	339	369	428	307
1 to 49 days 1997	119	58	74	70	80	53	39
1992	116	83	102	53	91	61	37
50 to 99 days 1997	54	20	35	19	26	29	22
1992	42	16	31	16	25	18	19
100 to 149 days 1997	37	28	28	17	29	24	10
1992	39	22	30	24	21	19	16
150 to 199 days 1997	53	31	39	32	33	39	34
1992	41	39	32	33	27	46	21
200 days or more 1997	312	244	295	250	236	269	258
1992	243	206	281	213	205	284	214
Not reported 1997	59	39	39	37	63	60	49
1992	89	85	63	50	65	55	57
Operators by years on present farm:							
2 years or less 1997	44	31	45	16	32	46	41
1992	61	47	46	20	44	30	38
3 or 4 years 1997	49	19	39	33	33	46	35
1992	76	48	74	36	54	77	48
5 to 9 years 1997	126	97	110	86	107	94	82
1992	158	99	119	122	117	129	82
10 years or more 1997	745	547	654	550	621	607	433
1992	739	583	723	536	656	657	426
Average years on present farm 1997	21.5	23.4	22.5	22.3	21.5	21.7	22.3
1992	19.4	21.4	21.2	19.9	20.5	20.3	21.2
Not reported 1997	138	110	117	137	97	133	87
1992	163	128	137	107	108	114	86

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
FARMS							
Land in farms ..... farms, 1997	668	1 638	1 268	1 107	918	884	730
1992	770	1 617	1 362	1 260	944	892	648
acres, 1997	285 829	452 050	367 764	431 726	323 612	266 508	261 927
1992	314 812	456 954	368 114	415 104	312 173	275 319	261 494
Harvested cropland ..... farms, 1997	579	1 296	1 042	910	754	690	519
1992	696	1 393	1 174	1 071	835	781	521
acres, 1997	244 994	273 022	290 935	325 709	263 751	110 732	88 999
1992	261 925	264 033	284 080	292 233	249 068	112 533	84 629
TENURE OF OPERATOR							
Full owners ..... farms, 1997	238	924	582	476	460	578	469
1992	272	911	615	555	460	584	389
acres, 1997	35 965	173 311	81 545	84 358	54 785	108 981	116 954
1992	44 863	187 155	89 607	92 017	68 166	123 730	100 775
Harvested cropland ..... farms, 1997	162	606	391	310	320	402	292
1992	208	708	455	402	379	495	285
acres, 1997	24 186	77 649	47 870	50 913	33 385	33 471	28 479
1992	31 093	88 103	56 331	55 210	41 923	40 058	24 209
Part owners ..... farms, 1997	279	491	462	423	321	255	199
1992	322	471	482	434	307	238	208
acres, 1997	196 481	222 340	230 847	285 606	199 538	142 256	126 796
1992	205 054	210 093	216 430	240 147	169 459	134 576	142 909
Owned land in farms ..... acres, 1997	59 338	123 795	96 813	106 960	61 206	78 381	69 717
1992	62 926	123 510	93 807	99 667	55 701	74 303	85 101
Rented land in farms ..... acres, 1997	137 143	98 545	134 034	178 646	138 332	63 875	57 079
1992	142 128	86 583	122 623	140 480	113 758	60 273	57 808
Harvested cropland ..... farms, 1997	277	482	444	411	313	247	184
1992	320	467	469	426	298	228	196
acres, 1997	172 203	154 051	194 589	225 741	165 818	70 714	53 830
1992	174 510	134 548	174 843	173 772	141 125	64 124	53 941
Tenants ..... farms, 1997	151	223	224	208	137	51	62
1992	176	235	265	271	177	70	51
acres, 1997	53 383	56 399	55 372	61 762	69 289	15 271	18 177
1992	64 895	59 706	62 077	82 940	74 548	17 013	17 810
Harvested cropland ..... farms, 1997	140	208	207	189	121	41	43
1992	168	218	250	243	158	58	40
acres, 1997	48 605	41 322	48 476	49 055	64 548	6 547	6 690
1992	56 322	41 382	52 906	63 251	66 020	8 351	6 479
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated 1997	507	1 232	966	777	670	678	498
1992	590	1 289	1 028	886	699	707	469
Not on farm operated 1997	132	313	261	259	196	143	185
1992	141	265	262	289	204	127	137
Not reported 1997	29	93	41	71	52	63	47
1992	39	63	72	85	41	58	42
Operators by principal occupation:							
Farming 1997	458	1 057	751	708	493	428	362
1992	605	1 195	914	891	536	509	387
Other 1997	210	581	517	399	425	456	368
1992	165	422	448	369	408	383	261
Operators by days worked off farm:							
None 1997	336	838	530	496	382	305	261
1992	435	941	650	622	396	338	258
Any 1997	305	722	697	532	499	540	428
1992	280	585	643	550	497	492	333
1 to 49 days 1997	55	81	108	69	69	51	40
1992	77	93	92	91	61	59	46
50 to 99 days 1997	23	44	35	34	32	35	25
1992	19	32	42	48	44	27	21
100 to 149 days 1997	22	57	44	40	31	30	24
1992	21	53	44	29	31	25	25
150 to 199 days 1997	21	65	49	52	38	71	46
1992	20	57	75	47	37	73	25
200 days or more 1997	184	475	461	337	329	353	293
1992	143	350	390	335	324	308	216
Not reported 1997	27	78	41	79	37	39	41
1992	55	91	69	88	51	62	57
Operators by years on present farm:							
2 years or less 1997	18	82	50	49	39	64	42
1992	27	75	54	43	37	42	30
3 or 4 years 1997	28	72	52	57	54	50	51
1992	31	105	78	93	65	53	59
5 to 9 years 1997	48	177	175	122	126	119	96
1992	82	225	177	151	136	116	69
10 years or more 1997	495	1 092	848	716	597	536	438
1992	524	1 005	883	787	597	546	392
Average years on present farm 1997	23.5	22.0	21.3	22.3	21.1	21.2	21.3
1992	21.4	19.9	20.0	20.8	20.4	20.8	21.2
Not reported 1997	79	215	143	163	102	115	103
1992	106	207	170	186	109	135	98

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
FARMS								
Land in farms ..... farms, 1997	1 278	650	512	1 579	519	1 295	850	856
1992	1 367	681	554	1 653	557	1 416	882	929
acres, 1997	326 187	192 165	201 126	336 497	220 174	404 407	300 255	344 296
1992	336 131	192 467	202 249	343 870	224 811	401 625	287 586	343 367
Harvested cropland ..... farms, 1997	1 114	556	424	1 273	425	1 085	724	751
1992	1 213	602	491	1 433	497	1 231	777	825
acres, 1997	259 875	140 564	166 247	213 151	187 912	317 357	257 712	299 931
1992	259 480	139 979	164 037	223 921	188 176	301 257	235 754	294 828
TENURE OF OPERATOR								
Full owners ..... farms, 1997	665	339	197	938	191	597	360	305
1992	731	325	195	951	165	671	343	311
acres, 1997	110 276	48 491	28 383	149 894	34 467	92 476	48 462	53 144
1992	129 634	47 715	30 181	152 645	27 654	106 773	40 172	54 710
Harvested cropland ..... farms, 1997	512	260	122	669	102	410	247	219
1992	592	267	141	757	113	508	255	227
acres, 1997	75 350	26 751	17 166	79 740	20 538	58 311	30 927	41 460
1992	92 944	28 272	20 446	92 078	18 527	67 727	28 090	42 908
Part owners ..... farms, 1997	369	226	209	403	198	481	336	360
1992	356	237	230	417	229	500	362	366
acres, 1997	154 476	118 911	131 564	140 763	131 729	251 544	194 877	222 326
1992	141 809	114 401	126 198	137 642	137 605	230 094	195 666	205 851
Owned land in farms ..... acres, 1997	77 103	41 086	42 986	77 657	41 475	107 756	77 449	68 624
1992	77 520	42 369	48 647	82 402	46 021	112 736	78 328	74 188
Rented land in farms ..... acres, 1997	77 373	77 825	88 578	63 106	90 254	143 788	117 428	153 702
1992	64 289	72 032	77 551	55 240	91 584	117 358	117 338	131 663
Harvested cropland ..... farms, 1997	366	221	202	392	197	474	331	354
1992	351	229	227	414	225	492	353	365
acres, 1997	131 009	92 450	112 125	98 645	118 384	207 332	172 947	195 700
1992	113 273	86 833	103 502	92 970	117 338	180 985	161 540	177 801
Tenants ..... farms, 1997	244	85	106	238	130	217	154	191
1992	280	119	129	285	163	245	177	252
acres, 1997	61 435	24 763	41 179	45 840	53 978	60 387	56 916	68 826
1992	64 688	30 351	45 870	53 583	59 552	64 758	51 748	82 806
Harvested cropland ..... farms, 1997	236	75	100	212	126	201	146	178
1992	270	106	123	262	159	231	169	233
acres, 1997	53 516	21 363	36 956	34 766	48 990	51 714	53 838	62 771
1992	53 263	24 874	40 089	38 873	52 311	52 545	46 124	74 119
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated 1997	1 031	473	368	1 240	366	1 003	613	612
1992	1 106	498	401	1 319	410	1 098	672	685
Not on farm operated 1997	192	150	113	243	134	224	186	209
1992	189	145	129	241	113	240	169	206
Not reported 1997	55	27	31	96	19	68	51	35
1992	72	38	24	93	34	78	41	38
Operators by principal occupation:								
Farming 1997	932	348	344	1 012	377	874	536	603
1992	1 079	401	395	1 220	433	1 085	585	723
Other 1997	346	302	168	567	142	421	314	253
1992	288	280	159	433	124	331	297	206
Operators by days worked off farm:								
None 1997	671	285	244	767	243	643	390	435
1992	817	308	287	927	288	787	418	493
Any 1997	553	343	238	717	249	574	421	376
1992	458	337	228	627	237	541	429	369
1 to 49 days 1997	75	53	46	71	66	83	61	67
1992	87	44	51	81	67	103	79	87
50 to 99 days 1997	44	14	17	34	19	45	36	37
1992	28	11	19	34	22	49	28	44
100 to 149 days 1997	41	13	16	45	23	28	25	35
1992	23	20	13	47	15	41	28	31
150 to 199 days 1997	41	22	21	73	20	47	35	41
1992	46	31	17	74	25	48	39	24
200 days or more 1997	352	241	138	494	121	371	264	196
1992	274	231	128	391	108	300	255	183
Not reported 1997	54	22	30	95	27	78	39	45
1992	92	36	39	99	32	88	35	67
Operators by years on present farm:								
2 years or less 1997	62	18	19	66	25	47	38	31
1992	88	27	22	90	26	84	41	43
3 or 4 years 1997	65	30	19	70	15	46	45	40
1992	115	45	34	120	26	94	58	54
5 to 9 years 1997	176	82	51	218	62	165	109	101
1992	186	78	75	191	81	148	110	101
10 years or more 1997	835	434	354	990	374	880	539	577
1992	826	428	358	1 024	366	916	573	607
Average years on present farm 1997	20.3	23.1	22.4	21.4	22.5	22.3	21.7	22.2
1992	18.8	22.2	20.9	19.5	20.2	20.4	20.4	21.2
Not reported 1997	140	86	69	235	43	157	119	107
1992	152	103	65	228	58	174	100	124

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
FARMS								
Land in farms ..... farms, 1997	568	763	754	847	790	849	857	876
1992	596	851	853	946	873	939	986	919
acres, 1997	318 355	343 346	321 389	304 177	348 675	334 050	339 951	392 708
1992	302 352	366 927	317 205	328 885	332 377	329 151	332 358	399 155
Harvested cropland ..... farms, 1997	495	679	678	656	705	748	742	746
1992	533	761	747	780	784	850	858	824
acres, 1997	233 070	297 213	289 061	194 659	317 421	304 229	299 363	302 447
1992	230 305	306 071	280 902	206 313	290 657	289 686	280 091	294 151
TENURE OF OPERATOR								
Full owners ..... farms, 1997	260	262	217	410	275	266	295	413
1992	241	292	270	447	284	293	343	412
acres, 1997	57 239	50 299	25 909	70 502	41 390	38 638	45 437	85 079
1992	53 428	59 976	33 785	86 680	41 957	45 800	50 753	95 606
Harvested cropland ..... farms, 1997	200	194	157	253	204	175	204	297
1992	188	216	186	308	211	219	249	325
acres, 1997	33 502	37 667	21 138	30 288	31 966	27 928	33 647	51 961
1992	31 023	45 813	28 256	37 907	30 791	36 253	37 597	56 291
Part owners ..... farms, 1997	225	306	339	309	325	376	358	348
1992	242	357	354	338	356	370	388	323
acres, 1997	203 797	201 336	228 562	193 283	224 532	215 755	220 555	258 959
1992	182 341	221 152	208 568	197 221	200 737	193 258	206 128	228 018
Owned land in farms ..... acres, 1997	70 883	66 892	73 807	79 742	63 148	61 715	63 288	92 066
1992	63 002	73 391	73 137	80 168	67 084	63 703	66 513	85 352
Rented land in farms ..... acres, 1997	132 914	134 444	154 755	113 541	161 384	154 040	157 267	166 893
1992	119 339	147 761	135 431	117 053	133 653	129 555	139 615	142 666
Harvested cropland ..... farms, 1997	218	303	333	293	321	375	345	338
1992	238	351	345	326	353	362	379	318
acres, 1997	149 834	176 264	204 703	132 900	207 599	201 460	196 746	208 850
1992	144 198	184 090	185 834	134 227	178 693	171 655	175 277	175 277
Tenants ..... farms, 1997	83	195	198	128	190	207	204	115
1992	113	202	229	161	233	276	255	184
acres, 1997	57 319	91 711	66 918	40 392	82 753	79 657	73 959	48 670
1992	66 583	85 799	74 852	44 984	89 683	90 093	75 477	75 531
Harvested cropland ..... farms, 1997	77	182	188	110	180	198	193	111
1992	107	194	216	146	220	269	230	181
acres, 1997	49 734	83 282	63 220	31 471	77 856	74 841	68 970	41 636
1992	55 084	76 168	66 812	34 179	81 173	81 778	67 217	62 583
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated 1997	374	503	578	564	559	623	605	609
1992	399	566	634	648	621	690	703	645
Not on farm operated 1997	179	216	150	238	195	184	216	224
1992	163	240	175	233	203	203	246	205
Not reported 1997	15	44	26	45	36	42	36	43
1992	34	45	44	65	49	46	37	69
Operators by principal occupation:								
Farming 1997	387	527	515	492	555	594	589	555
1992	466	633	617	615	619	709	706	653
Other 1997	181	236	239	355	235	255	268	321
1992	130	218	236	331	254	230	280	266
Operators by days worked off farm:								
None 1997	311	374	366	328	390	354	403	419
1992	332	409	418	413	438	460	481	463
Any 1997	230	347	361	464	363	454	414	409
1992	220	378	397	447	376	430	463	381
1 to 49 days 1997	46	82	68	79	78	103	88	60
1992	50	83	99	80	63	118	100	53
50 to 99 days 1997	17	28	21	41	36	48	29	33
1992	21	36	29	27	33	40	35	31
100 to 149 days 1997	19	21	33	31	24	31	15	22
1992	22	36	28	26	18	39	41	26
150 to 199 days 1997	25	33	25	31	23	37	44	41
1992	13	41	18	51	32	31	42	37
200 days or more 1997	123	183	214	282	202	235	238	253
1992	114	182	223	263	230	202	245	234
Not reported 1997	27	42	27	55	37	41	40	48
1992	44	64	38	86	59	49	42	75
Operators by years on present farm:								
2 years or less 1997	18	16	21	47	29	31	33	20
1992	20	39	32	32	37	47	52	51
3 or 4 years 1997	26	36	38	36	41	32	41	41
1992	27	57	52	62	62	45	63	65
5 to 9 years 1997	66	76	87	81	87	90	98	92
1992	64	101	81	109	95	122	131	87
10 years or more 1997	398	522	547	565	543	576	589	589
1992	401	542	597	597	577	610	636	574
Average years on present farm 1997	23.5	23.2	22.1	22.7	22.4	22.3	21.7	23.1
1992	22.8	20.7	20.8	21.3	21.3	20.4	20.3	21.1
Not reported 1997	60	113	61	118	90	120	96	134
1992	84	112	91	146	102	115	104	142

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
FARMS								
Land in farms ..... farms, 1997	835	862	600	637	976	1 280	1 204	765
1992	795	881	677	729	977	1 326	1 309	740
acres, 1997	244 704	269 750	257 411	253 306	331 922	334 824	420 637	228 017
1992	225 835	260 781	280 797	272 831	321 285	346 569	431 185	227 073
Harvested cropland ..... farms, 1997	653	708	547	537	742	957	996	565
1992	698	761	618	635	857	1 089	1 143	631
acres, 1997	166 383	216 902	239 060	205 956	213 273	166 492	318 965	139 078
1992	157 639	198 178	248 840	213 378	207 091	169 830	306 533	142 535
TENURE OF OPERATOR								
Full owners ..... farms, 1997	458	455	198	261	503	792	549	472
1992	403	478	196	264	479	768	625	424
acres, 1997	67 857	77 285	37 688	51 747	107 241	131 551	75 780	83 322
1992	62 369	88 165	37 391	57 147	103 991	140 256	98 497	81 966
Harvested cropland ..... farms, 1997	289	311	151	184	290	500	377	294
1992	322	373	146	193	381	571	487	330
acres, 1997	28 560	49 110	32 800	36 471	41 106	49 749	43 965	30 712
1992	29 399	54 795	29 516	40 749	51 175	58 190	58 492	37 439
Part owners ..... farms, 1997	263	294	238	225	346	328	477	223
1992	276	274	257	266	339	365	485	222
acres, 1997	140 419	155 260	155 534	148 056	189 772	163 984	284 310	122 716
1992	128 397	142 921	159 957	152 830	177 966	155 214	263 406	112 732
Owned land in farms ..... acres, 1997	68 124	70 607	41 823	49 402	86 020	82 345	109 727	50 141
1992	53 224	66 371	47 094	55 169	80 662	85 384	108 314	50 691
Rented land in farms ..... acres, 1997	72 295	84 653	113 711	98 654	103 752	81 639	174 583	72 575
1992	75 173	76 550	112 863	97 661	97 304	69 830	155 092	62 041
Harvested cropland ..... farms, 1997	258	291	236	219	339	317	463	217
1992	270	271	254	265	328	349	478	218
acres, 1997	106 120	133 994	145 225	124 527	145 772	92 295	224 390	91 742
1992	98 480	118 353	143 519	122 832	127 794	82 731	194 844	79 917
Tenants ..... farms, 1997	114	113	164	151	127	160	178	70
1992	116	129	224	199	159	193	199	94
acres, 1997	36 428	37 205	64 189	53 503	34 909	39 289	60 547	21 979
1992	35 069	29 695	83 449	62 854	39 328	51 099	69 282	32 375
Harvested cropland ..... farms, 1997	106	106	160	134	113	140	156	54
1992	106	117	218	177	148	169	178	83
acres, 1997	31 703	33 798	61 035	44 958	26 395	24 448	50 610	16 624
1992	29 760	25 030	75 805	49 797	28 122	28 909	53 197	25 179
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated 1997	607	653	416	451	686	955	908	552
1992	587	669	481	508	730	1 019	985	553
Not on farm operated 1997	184	166	157	145	233	242	241	168
1992	161	158	161	177	194	209	248	148
Not reported 1997	44	43	27	41	57	83	55	45
1992	47	54	35	44	53	98	76	39
Operators by principal occupation:								
Farming 1997	447	578	429	449	543	721	727	421
1992	490	654	527	555	664	895	858	448
Other 1997	388	284	171	188	433	559	477	344
1992	305	227	150	174	313	431	451	292
Operators by days worked off farm:								
None 1997	353	429	263	296	434	542	547	327
1992	353	466	348	371	461	639	626	322
Any 1997	434	388	303	302	492	674	602	396
1992	394	355	287	297	451	593	591	378
1 to 49 days 1997	29	59	56	60	45	65	85	50
1992	55	58	65	55	70	82	109	61
50 to 99 days 1997	31	25	28	24	28	29	43	29
1992	24	17	32	23	26	44	38	32
100 to 149 days 1997	27	26	31	29	31	41	35	17
1992	23	30	24	29	25	43	32	17
150 to 199 days 1997	33	35	35	30	54	59	56	37
1992	35	35	38	39	44	42	57	40
200 days or more 1997	314	243	153	159	334	480	383	263
1992	257	215	128	151	286	382	355	228
Not reported 1997	48	45	34	39	50	64	55	42
1992	48	60	42	61	65	94	92	40
Operators by years on present farm:								
2 years or less 1997	33	45	16	22	32	44	39	31
1992	33	50	33	42	44	74	50	23
3 or 4 years 1997	48	48	18	39	40	68	54	33
1992	32	57	42	52	43	84	73	60
5 to 9 years 1997	84	93	65	53	103	153	123	95
1992	93	116	56	101	104	142	151	104
10 years or more 1997	562	575	416	430	648	821	826	501
1992	527	535	461	431	642	833	851	464
Average years on present farm 1997	23.0	21.8	23.7	22.0	23.5	22.1	24.2	23.0
1992	22.3	20.5	21.0	19.0	21.6	20.6	21.7	21.4
Not reported 1997	108	101	85	93	153	194	162	105
1992	110	123	85	103	144	193	184	89

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
FARMS								
Land in farms ..... farms, 1997	1 261	1 029	968	1 404	861	1 480	593	706
1992	1 242	1 112	952	1 592	872	1 529	554	630
acres, 1997	288 139	321 934	323 028	580 884	256 685	339 227	201 393	227 160
1992	284 537	321 950	322 401	615 034	266 083	349 252	191 291	219 370
Harvested cropland ..... farms, 1997	1 009	841	715	1 278	672	1 167	474	513
1992	1 085	931	810	1 490	780	1 338	502	523
acres, 1997	202 934	233 100	193 893	528 869	156 755	257 566	146 959	76 807
1992	202 620	223 868	195 808	537 860	165 453	260 797	142 036	76 475
TENURE OF OPERATOR								
Full owners ..... farms, 1997	701	517	566	408	503	850	297	451
1992	668	522	492	447	482	829	240	372
acres, 1997	87 454	89 220	111 456	86 874	73 412	91 184	53 243	82 930
1992	84 994	87 396	98 956	97 694	79 628	94 527	44 660	78 868
Harvested cropland ..... farms, 1997	477	353	328	308	330	564	190	279
1992	539	371	376	363	405	660	195	286
acres, 1997	42 764	48 875	46 205	70 945	27 472	48 051	27 165	18 800
1992	50 405	50 523	44 426	80 344	38 326	55 672	27 790	19 604
Part owners ..... farms, 1997	368	352	294	626	296	424	212	203
1992	380	356	333	685	304	456	219	212
acres, 1997	161 638	184 176	172 717	370 305	166 834	197 788	123 318	127 232
1992	159 017	175 356	186 215	366 225	162 506	198 279	117 346	127 290
Owned land in farms ..... acres, 1997	64 228	84 307	78 030	122 790	75 386	78 681	48 043	66 923
1992	69 536	83 643	85 566	130 639	79 815	85 120	51 765	71 293
Rented land in farms ..... acres, 1997	97 410	99 869	94 687	247 515	91 448	119 107	75 275	60 309
1992	89 481	91 713	100 649	235 586	82 691	113 159	65 581	55 997
Harvested cropland ..... farms, 1997	355	347	288	615	290	415	207	188
1992	364	349	321	681	296	451	216	202
acres, 1997	128 986	144 276	120 209	342 534	116 727	166 558	98 205	50 335
1992	120 081	127 223	124 757	321 672	110 471	157 655	91 181	51 975
Tenants ..... farms, 1997	192	160	108	370	62	206	84	52
1992	194	234	127	460	86	244	95	46
acres, 1997	39 047	48 538	38 855	123 705	16 439	50 255	24 832	16 998
1992	40 526	59 198	37 230	151 115	23 949	56 446	29 285	13 212
Harvested cropland ..... farms, 1997	177	141	99	355	52	188	77	46
1992	182	211	113	446	79	227	91	35
acres, 1997	31 184	39 949	27 479	115 390	12 556	42 957	21 589	7 672
1992	32 134	46 122	26 625	135 844	16 656	47 470	23 065	4 896
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated 1997	947	775	643	998	663	1 145	429	524
1992	958	837	695	1 177	677	1 152	421	473
Not on farm operated 1997	243	217	258	350	147	265	135	146
1992	216	220	209	347	145	302	114	110
Not reported 1997	71	37	67	56	51	70	29	36
1992	68	55	48	68	50	75	19	47
Operators by principal occupation:								
Farming 1997	702	634	545	1 038	453	766	332	351
1992	799	789	661	1 281	513	885	347	373
Other 1997	559	395	423	366	408	714	261	355
1992	443	323	291	311	359	644	207	257
Operators by days worked off farm:								
None 1997	524	468	425	701	371	609	254	270
1992	565	578	475	897	376	636	273	277
Any 1997	678	520	478	638	440	800	326	394
1992	578	476	391	608	432	796	254	299
1 to 49 days 1997	101	74	51	143	42	66	50	37
1992	83	79	60	159	45	83	35	28
50 to 99 days 1997	41	30	26	62	17	33	22	23
1992	42	27	20	64	20	47	16	10
100 to 149 days 1997	36	26	25	56	22	39	16	22
1992	26	35	26	72	24	33	23	20
150 to 199 days 1997	51	49	37	72	37	61	28	36
1992	35	46	39	61	33	67	22	28
200 days or more 1997	449	341	339	305	322	601	210	276
1992	392	289	246	252	310	566	158	213
Not reported 1997	59	41	65	65	50	71	13	42
1992	99	58	86	87	64	97	27	54
Operators by years on present farm:								
2 years or less 1997	47	38	31	51	28	62	21	29
1992	51	79	35	67	37	76	30	22
3 or 4 years 1997	61	46	39	55	31	70	27	51
1992	86	65	53	71	43	94	30	49
5 to 9 years 1997	166	123	109	140	98	191	81	115
1992	122	125	103	171	97	189	65	66
10 years or more 1997	834	693	646	1 001	565	965	390	425
1992	810	697	638	1 106	560	980	370	384
Average years on present farm 1997	22.8	22.1	23.7	23.4	24.2	21.9	22.7	21.0
1992	21.8	19.5	22.2	21.8	22.1	20.3	22.4	22.2
Not reported 1997	153	129	143	157	139	192	74	86
1992	173	146	123	177	135	190	59	109

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
FARMS								
Land in farms ..... farms, 1997	1 149	986	1 022	971	912	496	824	697
1992	1 194	1 026	1 075	996	949	563	825	822
acres, 1997	348 492	316 579	329 038	285 724	319 392	232 129	265 173	367 651
1992	347 599	305 685	314 887	268 520	312 858	237 862	263 047	392 835
Harvested cropland ..... farms, 1997	961	793	807	733	736	430	700	589
1992	1 002	879	921	857	839	500	724	717
acres, 1997	293 762	163 603	230 111	171 369	260 604	181 401	230 307	276 942
1992	279 865	157 113	222 125	162 365	244 553	188 833	218 886	286 468
TENURE OF OPERATOR								
Full owners ..... farms, 1997	407	606	530	571	441	207	341	253
1992	419	612	521	539	400	248	364	324
acres, 1997	50 980	93 082	90 350	86 149	67 786	38 240	47 662	57 085
1992	65 708	106 354	87 766	79 323	56 350	46 215	55 592	75 729
Harvested cropland ..... farms, 1997	240	439	339	356	281	147	232	167
1992	257	490	384	423	310	194	272	237
acres, 1997	33 507	35 601	43 704	34 956	41 445	23 499	34 861	33 239
1992	43 349	43 209	49 464	38 140	33 916	29 021	41 297	44 732
Part owners ..... farms, 1997	491	297	335	314	317	219	342	282
1992	509	310	372	337	342	196	319	297
acres, 1997	232 284	201 213	184 535	172 030	192 844	154 118	182 312	236 376
1992	215 371	166 552	171 124	158 825	188 892	134 917	167 669	223 673
Owned land in farms ..... acres, 1997	77 734	85 482	79 416	73 399	64 305	52 086	74 693	80 296
1992	73 889	72 715	79 239	73 210	67 491	44 426	70 736	75 525
Rented land in farms ..... acres, 1997	154 550	115 731	105 119	98 631	128 539	102 032	107 619	156 080
1992	141 482	93 837	91 885	85 615	121 401	90 491	96 933	148 148
Harvested cropland ..... farms, 1997	488	285	324	301	306	217	335	271
1992	505	303	363	327	338	194	317	297
acres, 1997	202 555	114 229	142 806	116 750	167 962	122 414	163 623	183 468
1992	179 902	91 043	127 660	102 136	153 795	110 962	142 679	168 961
Tenants ..... farms, 1997	251	83	157	86	154	70	141	162
1992	266	104	182	120	207	119	142	201
acres, 1997	65 228	22 284	54 153	27 545	58 762	39 771	35 199	74 190
1992	66 520	32 779	55 997	30 372	67 616	56 730	39 786	93 433
Harvested cropland ..... farms, 1997	233	69	144	76	149	66	133	151
1992	240	86	174	107	191	112	135	183
acres, 1997	57 700	13 773	43 601	19 663	51 197	35 488	31 823	60 235
1992	56 614	22 861	45 001	22 089	56 842	48 850	34 910	72 775
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated 1997	911	698	746	725	667	377	629	466
1992	942	743	820	745	720	398	649	544
Not on farm operated 1997	164	241	212	183	207	102	150	200
1992	157	236	182	184	199	121	142	217
Not reported 1997	74	47	64	63	38	17	45	31
1992	95	47	73	67	30	44	34	61
Operators by principal occupation:								
Farming 1997	791	456	633	442	550	317	535	473
1992	925	551	737	568	661	393	586	622
Other 1997	358	530	389	529	362	179	289	224
1992	269	475	338	428	288	170	239	200
Operators by days worked off farm:								
None 1997	513	362	451	340	428	268	378	352
1992	623	377	541	414	475	293	419	433
Any 1997	562	586	513	568	447	205	400	320
1992	483	573	453	517	432	223	356	322
1 to 49 days 1997	107	53	72	47	52	22	73	74
1992	118	81	90	71	90	49	67	72
50 to 99 days 1997	37	35	37	31	15	17	28	24
1992	29	25	26	20	22	7	19	36
100 to 149 days 1997	58	29	31	27	28	15	24	26
1992	39	27	30	30	32	12	12	16
150 to 199 days 1997	51	61	58	51	31	13	24	47
1992	37	59	28	30	24	19	27	38
200 days or more 1997	309	408	315	412	321	138	251	149
1992	260	381	279	366	264	136	231	160
Not reported 1997	74	38	58	63	37	23	46	25
1992	88	76	81	65	42	47	50	67
Operators by years on present farm:								
2 years or less 1997	51	34	35	37	44	22	42	25
1992	52	57	37	34	36	27	48	43
3 or 4 years 1997	68	64	47	57	40	18	49	31
1992	68	64	78	65	50	38	73	61
5 to 9 years 1997	111	137	117	107	83	70	115	97
1992	111	129	120	119	115	71	89	93
10 years or more 1997	770	640	688	621	625	326	517	457
1992	770	630	690	635	636	346	524	511
Average years on present farm 1997	21.4	21.3	22.7	22.4	23.6	22.6	20.3	22.7
1992	20.8	19.8	21.2	21.2	22.2	20.6	18.9	21.1
Not reported 1997	149	111	135	149	120	60	101	87
1992	193	146	150	143	112	81	91	114

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
FARMS								
Land in farms ..... farms, 1997	691	577	783	977	649	845	787	1 490
1992	682	617	803	1 147	737	916	841	1 615
acres, 1997	217 317	242 650	219 001	358 472	240 601	309 228	327 733	512 029
1992	223 638	240 100	219 832	362 109	260 780	318 778	338 730	518 247
Harvested cropland ..... farms, 1997	578	471	625	879	573	674	698	1 235
1992	575	546	691	1 010	655	812	779	1 360
acres, 1997	83 216	171 618	169 909	314 232	214 077	204 034	289 010	410 249
1992	74 121	167 462	164 397	309 290	222 804	208 542	288 764	400 880
TENURE OF OPERATOR								
Full owners ..... farms, 1997	467	267	384	267	182	458	257	561
1992	445	274	365	344	198	437	252	605
acres, 1997	107 899	51 073	48 528	40 026	26 378	82 946	51 742	79 007
1992	108 204	57 618	46 280	40 402	36 025	81 822	48 373	93 519
Harvested cropland ..... farms, 1997	372	172	235	186	116	301	176	342
1992	354	214	269	220	130	357	195	397
acres, 1997	31 730	25 429	25 309	30 193	19 983	43 722	35 992	44 787
1992	31 335	34 774	26 930	31 398	27 608	45 730	35 734	54 404
Part owners ..... farms, 1997	183	203	284	490	310	292	342	648
1992	173	225	283	510	333	348	386	673
acres, 1997	98 953	148 534	136 190	247 783	165 088	188 237	207 207	349 458
1992	94 804	138 821	129 278	234 721	160 491	188 976	210 255	328 098
Owned land in farms ..... acres, 1997	55 310	54 583	52 600	72 132	51 298	73 342	61 128	115 748
1992	54 772	55 857	56 135	75 674	52 845	81 833	69 084	117 770
Rented land in farms ..... acres, 1997	43 643	93 951	83 590	175 651	113 790	114 895	146 079	233 710
1992	40 032	82 964	73 143	159 047	107 646	107 143	141 171	210 328
Harvested cropland ..... farms, 1997	177	200	280	486	306	287	338	637
1992	165	224	276	508	330	334	383	661
acres, 1997	46 213	111 983	114 236	219 772	149 456	133 148	188 717	293 376
1992	33 714	98 187	100 455	202 700	139 758	127 363	180 572	265 847
Tenants ..... farms, 1997	41	107	115	220	157	95	188	281
1992	64	118	155	293	206	131	203	337
acres, 1997	10 465	43 043	34 283	70 663	49 135	38 045	68 784	83 564
1992	20 630	43 661	44 274	86 986	64 264	47 980	80 102	96 630
Harvested cropland ..... farms, 1997	29	99	110	207	151	86	184	256
1992	56	108	146	282	195	121	201	302
acres, 1997	5 273	34 206	30 364	64 267	44 638	27 164	64 301	72 086
1992	9 072	34 501	37 012	75 192	55 438	35 449	72 458	80 629
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated 1997	494	408	603	729	479	594	542	1 130
1992	510	470	618	868	534	657	632	1 279
Not on farm operated 1997	151	146	142	198	130	212	204	282
1992	126	121	140	230	162	211	171	235
Not reported 1997	46	23	38	50	40	39	41	78
1992	46	26	45	49	41	48	38	101
Operators by principal occupation:								
Farming 1997	352	397	435	714	465	491	557	1 011
1992	384	472	501	856	581	619	660	1 180
Other 1997	339	180	348	263	184	354	230	479
1992	298	145	302	291	156	297	181	435
Operators by days worked off farm:								
None 1997	273	275	338	473	325	359	389	730
1992	281	338	361	607	406	430	459	840
Any 1997	385	263	408	462	298	444	355	683
1992	349	241	397	480	295	420	334	629
1 to 49 days 1997	40	51	46	100	62	73	70	111
1992	36	58	56	119	81	75	92	119
50 to 99 days 1997	20	22	21	38	31	21	34	41
1992	8	20	21	34	28	29	40	44
100 to 149 days 1997	21	24	20	44	18	28	37	50
1992	20	18	20	35	20	19	27	34
150 to 199 days 1997	48	19	39	44	26	31	29	73
1992	35	23	22	34	23	36	38	56
200 days or more 1997	256	147	282	236	161	291	185	408
1992	250	122	278	258	143	261	137	376
Not reported 1997	33	39	37	42	26	42	43	77
1992	52	38	45	60	36	66	48	146
Operators by years on present farm:								
2 years or less 1997	32	17	30	43	16	28	40	53
1992	41	22	38	52	44	34	30	78
3 or 4 years 1997	34	22	43	49	18	35	25	65
1992	49	34	66	86	40	44	44	62
5 to 9 years 1997	98	51	86	103	80	81	70	129
1992	90	53	98	147	85	112	111	204
10 years or more 1997	435	423	525	671	452	593	560	1 030
1992	414	443	508	734	472	626	574	1 053
Average years on present farm 1997	22.4	25.1	22.4	21.4	21.9	24.5	22.5	22.1
1992	21.0	23.3	20.0	19.5	19.9	22.4	21.1	20.0
Not reported 1997	92	64	99	111	83	108	92	213
1992	88	65	93	128	96	100	82	218

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
FARMS								
Land in farms ..... farms, 1997	778	800	1 325	934	671	813	799	921
1992	919	832	1 441	933	676	967	913	1 088
acres, 1997	356 988	225 623	536 704	335 296	263 753	344 949	225 248	342 366
1992	359 442	229 818	542 855	340 982	293 266	364 172	233 217	353 570
Harvested cropland ..... farms, 1997	738	643	1 129	709	505	713	703	809
1992	871	717	1 258	812	573	852	801	953
acres, 1997	330 852	184 859	436 604	230 161	114 558	298 271	194 545	287 342
1992	320 421	187 257	432 137	231 967	118 635	294 926	191 452	289 366
TENURE OF OPERATOR								
Full owners ..... farms, 1997	178	482	551	456	425	263	317	334
1992	240	459	591	406	395	329	403	397
acres, 1997	32 923	50 314	78 739	79 915	95 169	43 296	39 112	56 812
1992	42 398	46 075	95 684	75 508	117 927	53 044	47 414	65 728
Harvested cropland ..... farms, 1997	140	337	389	247	279	192	236	239
1992	197	357	431	305	308	230	307	288
acres, 1997	27 029	29 770	52 637	34 552	30 295	33 901	27 051	42 315
1992	35 259	30 449	65 679	40 244	40 805	39 424	32 473	47 832
Part owners ..... farms, 1997	402	224	481	334	206	358	321	391
1992	387	261	523	369	216	420	325	433
acres, 1997	252 535	142 287	317 406	204 940	155 435	232 441	146 102	223 473
1992	215 103	149 716	315 198	213 186	153 841	234 602	139 931	213 319
Owned land in farms ..... acres, 1997	63 255	34 408	100 691	85 340	73 409	70 861	57 905	84 227
1992	60 154	42 547	107 129	87 022	70 794	81 627	56 804	79 667
Rented land in farms ..... acres, 1997	189 280	107 879	216 715	119 600	82 026	161 580	88 197	139 246
1992	154 949	107 169	208 069	126 164	83 047	152 975	83 127	133 652
Harvested cropland ..... farms, 1997	401	219	468	326	195	345	315	385
1992	386	255	515	363	209	414	320	431
acres, 1997	235 474	127 196	264 124	154 200	77 326	201 135	131 835	191 678
1992	192 110	126 412	256 006	152 976	66 897	188 446	118 768	177 538
Tenants ..... farms, 1997	198	94	293	144	40	192	161	196
1992	292	112	327	158	65	218	185	258
acres, 1997	71 530	33 022	140 559	50 441	13 149	69 212	40 034	62 081
1992	101 941	34 027	131 973	52 288	21 498	76 526	45 872	74 523
Harvested cropland ..... farms, 1997	197	87	272	136	31	176	152	185
1992	288	105	312	144	56	208	174	234
acres, 1997	68 349	27 893	119 843	41 409	6 937	63 235	35 659	53 349
1992	93 052	30 396	110 452	38 747	10 933	67 056	40 211	63 996
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated 1997	570	566	951	638	477	560	608	707
1992	657	608	1 069	691	493	693	710	796
Not on farm operated 1997	177	193	304	235	172	211	155	178
1992	217	173	294	201	156	214	164	215
Not reported 1997	31	41	70	61	22	42	36	36
1992	45	51	78	41	27	60	39	77
Operators by principal occupation:								
Farming 1997	600	371	893	509	403	568	488	691
1992	720	448	1 042	659	464	739	592	839
Other 1997	178	429	432	425	268	245	311	230
1992	199	384	399	274	212	228	321	249
Operators by days worked off farm:								
None 1997	405	296	674	387	299	400	349	474
1992	474	321	798	476	352	508	433	600
Any 1997	340	468	586	497	337	358	415	393
1992	384	462	567	411	275	391	430	408
1 to 49 days 1997	72	50	79	62	49	62	50	99
1992	94	55	106	61	52	89	52	100
50 to 99 days 1997	48	16	52	33	26	31	31	36
1992	52	33	43	25	29	31	25	41
100 to 149 days 1997	29	28	33	22	26	33	13	27
1992	31	19	31	27	27	37	26	31
150 to 199 days 1997	46	33	66	42	29	29	41	36
1992	34	41	51	36	20	32	39	30
200 days or more 1997	145	341	356	338	207	203	280	195
1992	173	314	336	262	147	202	288	206
Not reported 1997	33	36	65	50	35	55	35	54
1992	61	49	76	46	49	68	50	80
Operators by years on present farm:								
2 years or less 1997	12	30	49	42	26	38	31	22
1992	35	33	54	39	35	41	49	46
3 or 4 years 1997	38	30	93	28	27	35	33	42
1992	47	49	81	53	29	59	44	66
5 to 9 years 1997	64	96	131	109	78	74	82	86
1992	103	105	187	108	70	102	111	111
10 years or more 1997	582	522	887	618	455	555	556	645
1992	617	520	942	617	448	634	591	698
Average years on present farm 1997	24.1	21.3	22.0	23.0	24.4	22.0	23.1	22.7
1992	21.3	20.8	21.1	21.5	23.2	21.0	20.8	20.3
Not reported 1997	82	122	165	137	85	111	97	126
1992	117	125	177	116	94	131	118	167

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
FARMS								
Land in farms ..... farms, 1997	1 752	946	1 152	746	671	807	781	1 214
1992	1 998	990	1 294	741	671	752	757	1 216
acres, 1997	493 556	340 885	396 220	291 497	225 134	257 227	208 213	299 835
1992	495 769	331 211	401 858	278 922	236 265	241 422	195 021	302 487
Harvested cropland ..... farms, 1997	1 432	837	940	556	506	622	606	953
1992	1 597	892	1 132	635	562	636	659	1 033
acres, 1997	432 087	304 609	300 427	147 591	106 685	114 335	118 662	165 153
1992	416 245	283 490	297 407	140 091	109 504	108 272	112 143	166 704
TENURE OF OPERATOR								
Full owners ..... farms, 1997	656	422	512	462	434	535	511	818
1992	763	420	578	402	385	485	458	736
acres, 1997	74 521	59 791	90 745	119 561	83 367	109 314	73 676	105 942
1992	85 445	49 120	91 680	101 024	79 219	104 388	68 407	96 645
Harvested cropland ..... farms, 1997	378	329	341	292	288	366	343	577
1992	413	338	433	315	301	384	372	575
acres, 1997	52 328	47 355	49 250	44 961	29 950	29 928	24 053	40 343
1992	55 887	35 915	51 449	41 394	33 010	32 941	26 310	39 941
Part owners ..... farms, 1997	783	348	455	227	181	226	227	305
1992	820	368	479	254	226	210	230	347
acres, 1997	340 341	219 718	252 898	159 524	123 718	134 495	119 145	165 179
1992	313 485	205 209	249 725	154 769	137 360	115 421	109 684	161 089
Owned land in farms ..... acres, 1997	108 517	65 452	97 978	63 528	52 066	70 889	56 186	72 362
1992	105 861	65 454	95 559	69 692	63 591	57 797	50 355	71 327
Rented land in farms ..... acres, 1997	231 824	154 266	154 920	95 996	71 652	63 606	62 959	92 817
1992	207 624	139 755	154 166	85 077	73 769	57 624	59 329	89 762
Harvested cropland ..... farms, 1997	763	342	434	219	172	219	221	295
1992	814	363	474	249	213	207	221	339
acres, 1997	307 465	200 757	205 088	94 590	65 265	75 579	83 855	104 130
1992	276 081	178 598	195 383	86 471	65 162	61 265	72 952	96 613
Tenants ..... farms, 1997	313	176	185	57	56	46	43	91
1992	415	202	237	85	60	57	69	133
acres, 1997	78 694	61 376	52 577	12 412	18 049	13 418	15 392	28 714
1992	96 839	76 882	60 453	23 129	19 686	21 613	16 930	44 753
Harvested cropland ..... farms, 1997	291	166	165	45	46	37	42	81
1992	370	191	225	71	48	45	66	119
acres, 1997	72 294	56 497	46 089	8 040	11 470	8 828	10 754	20 680
1992	84 277	68 977	50 575	12 226	11 332	14 066	12 881	30 150
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated 1997	1 378	630	862	488	496	559	625	941
1992	1 522	684	970	509	528	544	581	955
Not on farm operated 1997	271	280	230	223	142	206	112	218
1992	336	261	256	183	113	157	130	209
Not reported 1997	103	36	60	35	33	42	44	55
1992	140	45	68	49	30	51	46	52
Operators by principal occupation:								
Farming 1997	1 176	536	697	412	339	391	370	542
1992	1 420	623	897	483	427	412	384	592
Other 1997	576	410	455	334	332	416	411	672
1992	578	367	397	258	244	340	373	624
Operators by days worked off farm:								
None 1997	802	414	504	284	255	270	294	432
1992	950	444	634	359	307	302	294	452
Any 1997	855	498	592	420	387	500	437	730
1992	895	485	577	331	322	406	418	697
1 to 49 days 1997	146	73	83	43	35	60	40	53
1992	173	76	118	53	46	44	48	67
50 to 99 days 1997	63	28	30	32	24	23	10	26
1992	67	26	44	19	21	30	19	24
100 to 149 days 1997	50	28	33	30	23	24	25	35
1992	54	26	32	20	30	20	25	38
150 to 199 days 1997	69	35	54	30	44	44	62	75
1992	73	39	44	31	26	45	27	63
200 days or more 1997	527	334	392	285	261	349	300	541
1992	528	318	339	208	199	267	299	505
Not reported 1997	95	34	56	42	29	37	50	52
1992	153	61	83	51	42	44	45	67
Operators by years on present farm:								
2 years or less 1997	69	43	42	36	36	38	24	41
1992	123	35	41	42	40	37	29	64
3 or 4 years 1997	88	45	68	41	29	43	56	68
1992	135	55	78	54	33	44	44	66
5 to 9 years 1997	215	113	124	90	93	100	111	184
1992	238	107	154	86	66	97	96	171
10 years or more 1997	1 132	654	769	475	422	514	482	767
1992	1 196	688	839	442	451	472	461	746
Average years on present farm 1997	21.1	21.6	22.7	22.1	22.1	22.3	21.2	21.5
1992	19.0	20.5	21.8	20.3	22.0	21.5	20.6	20.1
Not reported 1997	248	91	149	104	91	112	108	154
1992	306	105	182	117	81	102	127	169

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
FARMS								
Land in farms ..... farms, 1997	1 061	729	937	607	1 450	1 306	608	717
1992	1 078	734	1 059	645	1 495	1 254	642	812
acres, 1997	317 699	286 412	412 641	241 600	360 778	497 241	227 898	349 675
1992	309 508	282 723	408 462	231 977	357 684	442 247	224 632	353 683
Harvested cropland ..... farms, 1997	851	576	849	510	1 116	1 015	498	641
1992	916	618	949	584	1 273	1 032	562	744
acres, 1997	234 397	129 229	374 565	214 360	230 401	365 559	196 909	318 484
1992	223 302	126 823	357 814	197 469	221 182	310 103	187 748	312 831
TENURE OF OPERATOR								
Full owners ..... farms, 1997	546	451	324	242	813	665	245	227
1992	509	423	355	221	827	592	251	245
acres, 1997	86 749	125 121	57 018	34 765	127 178	121 123	36 243	46 432
1992	86 026	96 304	58 717	31 408	148 617	109 327	31 650	38 432
Harvested cropland ..... farms, 1997	359	314	249	151	504	415	143	161
1992	377	321	262	169	639	411	184	191
acres, 1997	46 158	43 172	46 075	21 876	59 906	62 134	21 506	37 064
1992	50 421	34 119	43 345	22 437	75 533	57 074	21 117	31 036
Part owners ..... farms, 1997	362	225	396	245	428	405	272	305
1992	363	241	442	266	424	409	276	354
acres, 1997	186 003	141 379	250 229	162 939	175 810	292 476	160 533	219 979
1992	169 252	156 636	242 113	156 382	155 959	242 802	161 845	229 804
Owned land in farms ..... acres, 1997	81 651	74 438	64 806	52 095	94 429	103 693	60 208	63 464
1992	75 185	79 692	66 936	53 234	88 247	96 532	60 689	72 590
Rented land in farms ..... acres, 1997	104 352	66 941	185 423	110 844	81 381	188 783	100 325	156 515
1992	94 067	76 944	175 177	103 148	67 712	146 270	101 156	157 214
Harvested cropland ..... farms, 1997	358	218	389	243	417	388	270	303
1992	356	236	437	265	414	398	275	352
acres, 1997	151 332	74 879	230 065	150 435	124 251	232 116	146 235	203 840
1992	128 030	79 202	216 108	135 483	107 650	178 837	138 387	204 536
Tenants ..... farms, 1997	153	53	217	120	209	236	91	185
1992	206	70	262	158	244	253	115	213
acres, 1997	44 947	19 912	105 394	43 896	57 790	83 642	31 122	83 264
1992	54 230	29 783	107 632	44 187	53 108	90 118	31 137	85 447
Harvested cropland ..... farms, 1997	134	44	211	116	195	212	85	177
1992	183	61	250	150	220	223	103	201
acres, 1997	36 907	11 178	98 425	42 049	46 244	71 309	29 168	77 580
1992	44 851	13 502	98 361	39 549	37 999	74 192	28 244	77 259
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated 1997	783	513	673	449	1 106	909	466	491
1992	822	478	753	484	1 188	877	506	559
Not on farm operated 1997	213	188	224	124	250	302	116	194
1992	194	202	255	128	213	300	104	214
Not reported 1997	65	28	40	34	94	95	26	32
1992	62	54	51	33	94	77	32	39
Operators by principal occupation:								
Farming 1997	698	412	665	395	877	783	400	513
1992	786	492	777	453	1 108	834	451	622
Other 1997	363	317	272	212	573	523	208	204
1992	292	242	282	192	387	420	191	190
Operators by days worked off farm:								
None 1997	498	294	449	293	676	593	283	329
1992	574	334	505	321	823	583	317	421
Any 1997	502	388	437	290	699	634	298	342
1992	426	339	489	286	574	575	290	335
1 to 49 days 1997	85	45	93	54	90	76	71	75
1992	92	45	119	58	97	83	60	84
50 to 99 days 1997	32	15	38	27	39	56	18	29
1992	33	24	53	24	54	42	17	35
100 to 149 days 1997	37	27	36	19	39	32	21	33
1992	23	24	36	22	41	33	18	35
150 to 199 days 1997	29	45	36	20	75	62	32	39
1992	38	31	26	16	40	50	25	27
200 days or more 1997	319	256	234	170	456	408	156	166
1992	240	215	255	166	342	367	170	154
Not reported 1997	61	47	51	24	75	79	27	46
1992	78	61	65	38	98	96	35	56
Operators by years on present farm:								
2 years or less 1997	41	34	24	21	59	54	24	22
1992	37	42	50	29	74	67	44	42
3 or 4 years 1997	40	43	43	21	81	66	24	32
1992	57	46	45	24	105	83	34	49
5 to 9 years 1997	120	102	85	74	165	159	73	75
1992	131	92	134	66	180	129	69	92
10 years or more 1997	700	456	670	415	928	812	412	511
1992	700	447	689	442	911	792	424	538
Average years on present farm 1997	22.9	22.8	23.5	22.7	21.5	21.2	23.1	24.0
1992	21.4	22.3	20.5	21.9	20.0	20.2	20.9	21.8
Not reported 1997	160	94	115	76	217	215	75	77
1992	153	107	141	84	225	183	71	91

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics		Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
OPERATOR CHARACTERISTICS—Con.								
Operators by age group:								
Under 25 years	1997	1 468	13	4	7	2	7	29
	1992	2 276	22	8	21	11	21	32
25 to 34 years	1997	7 554	62	30	70	51	68	100
	1992	13 100	110	53	125	76	117	201
35 to 44 years	1997	20 841	154	97	239	141	174	288
	1992	22 200	172	113	241	150	163	312
45 to 54 years	1997	21 513	189	122	248	172	139	326
	1992	19 769	169	126	209	145	133	297
55 to 59 years	1997	9 798	74	63	109	90	64	135
	1992	10 262	97	68	106	75	88	144
60 to 64 years	1997	9 402	89	65	92	70	73	129
	1992	10 595	100	87	108	89	76	132
65 to 69 years	1997	7 812	76	63	76	89	47	79
	1992	7 956	102	75	84	87	60	97
70 years and over	1997	12 404	135	129	117	182	77	124
	1992	10 385	119	113	106	194	82	110
Average age	1997	52.4	53.9	57.0	52.0	56.3	51.2	50.8
	1992	50.3	52.2	55.0	50.4	55.4	49.8	48.9
Operators by sex:								
Male	farms, 1997	86 174	752	529	906	712	628	1 158
	1992	92 730	840	616	965	753	720	1 278
	acres, 1997	30 335 233	328 899	220 048	283 845	226 801	264 685	413 984
	1992	30 621 616	319 450	233 445	310 214	225 740	264 538	421 753
Female	farms, 1997	4 618	40	44	52	85	21	52
	1992	3 813	51	27	35	74	20	47
	acres, 1997	831 466	6 857	15 393	11 933	14 293	7 573	4 499
	1992	724 949	9 520	6 355	11 514	12 869	3 968	5 462
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)	farms, 1997	75 880	642	485	825	683	567	1 022
	1992	81 127	730	536	838	738	659	1 113
	acres, 1997	23 526 085	254 915	188 399	241 918	193 116	221 887	319 593
	1992	24 332 657	254 905	188 989	249 195	210 637	221 985	325 124
Partnership	farms, 1997	8 231	97	64	116	91	60	86
	1992	10 028	110	87	139	70	65	135
	acres, 1997	3 373 783	42 651	36 422	45 741	34 625	43 431	38 120
	1992	3 747 014	38 595	39 019	62 918	18 899	(D)	54 359
Corporation:								
Family held	farms, 1997	5 733	44	14	14	10	15	94
	1992	4 552	44	16	15	11	14	69
	acres, 1997	3 992 642	33 935	7 283	7 857	10 510	6 876	59 035
	1992	3 000 013	33 016	10 654	8 172	6 662	5 130	45 824
Other than family held	farms, 1997	395	2	2	2	2	5	–
	1992	372	3	1	5	1	2	2
	acres, 1997	126 835	(D)	(D)	(D)	(D)	(D)	–
	1992	136 287	(D)	(D)	(D)	(D)	(D)	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1997	553	7	8	1	11	2	8
	1992	464	4	3	3	7	–	6
	acres, 1997	147 354	(D)	(D)	(D)	(D)	(D)	1 735
	1992	130 594	(D)	(D)	(D)	(D)	–	(D)

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics		Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
OPERATOR CHARACTERISTICS—Con.								
Operators by age group:								
Under 25 years	1997	9	15	23	33	19	21	18
	1992	24	23	30	27	30	37	20
25 to 34 years	1997	91	50	118	139	60	90	60
	1992	153	93	153	220	134	155	111
35 to 44 years	1997	229	200	218	279	225	229	185
	1992	248	256	289	298	266	265	263
45 to 54 years	1997	237	226	267	251	206	285	215
	1992	246	175	243	240	160	246	166
55 to 59 years	1997	120	89	110	112	78	122	88
	1992	137	72	109	131	94	121	110
60 to 64 years	1997	116	71	88	123	83	112	111
	1992	129	120	104	105	139	126	91
65 to 69 years	1997	73	93	74	79	96	96	47
	1992	82	77	61	75	79	80	65
70 years and over	1997	127	119	84	120	100	130	69
	1992	92	107	69	97	70	116	73
Average age	1997	52.1	52.8	49.9	50.0	51.7	52.0	50.9
	1992	49.9	50.9	47.7	47.8	49.0	49.6	49.1
Operators by sex:								
Male	farms, 1997	959	821	941	1 083	834	1 035	759
	1992	1 058	882	1 015	1 135	942	1 105	874
	acres, 1997	280 348	322 852	234 019	328 021	349 016	316 748	330 197
	1992	292 703	322 944	231 570	324 796	337 564	308 287	340 599
Female	farms, 1997	43	42	41	53	33	50	34
	1992	53	41	43	58	30	41	25
	acres, 1997	5 624	6 054	4 509	8 842	7 735	7 534	6 319
	1992	6 799	7 136	5 098	8 319	4 359	7 161	4 968
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)	farms, 1997	827	639	884	976	706	959	701
	1992	909	726	950	1 022	793	1 006	783
	acres, 1997	203 835	187 052	199 655	269 831	280 822	262 389	284 311
	1992	219 378	214 185	204 955	264 846	266 170	258 461	292 362
Partnership	farms, 1997	79	76	43	98	88	73	52
	1992	117	73	67	119	111	96	75
	acres, 1997	19 295	26 266	10 752	32 854	38 112	27 070	26 954
	1992	29 126	28 108	14 773	38 908	39 233	25 690	33 278
Corporation:								
Family held	farms, 1997	84	135	49	49	57	47	39
	1992	78	111	34	39	57	40	34
	acres, 1997	59 489	111 856	24 207	32 701	36 035	33 539	(D)
	1992	48 448	85 042	15 563	27 543	35 177	30 282	19 004
Other than family held	farms, 1997	4	8	2	8	7	1	–
	1992	1	3	5	7	6	4	1
	acres, 1997	(D)	(D)	(D)	(D)	359	(D)	–
	1992	(D)	(D)	(D)	1 277	693	1 015	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1997	8	5	4	5	9	5	1
	1992	6	10	2	6	5	–	6
	acres, 1997	(D)	(D)	(D)	(D)	1 423	(D)	(D)
	1992	(D)	(D)	(D)	541	650	–	(D)

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics		Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
OPERATOR CHARACTERISTICS—Con.								
Operators by age group:								
Under 25 years	1997	27	18	18	15	16	12	7
	1992	37	23	21	16	22	25	10
25 to 34 years	1997	138	67	63	64	74	100	42
	1992	208	114	139	117	157	170	63
35 to 44 years	1997	271	182	221	186	246	247	125
	1992	309	217	290	215	289	244	131
45 to 54 years	1997	286	186	270	218	217	202	150
	1992	229	180	244	175	152	195	140
55 to 59 years	1997	105	78	111	83	68	95	73
	1992	99	98	114	74	93	103	66
60 to 64 years	1997	85	95	103	78	80	85	82
	1992	147	72	108	103	114	116	76
65 to 69 years	1997	86	67	66	81	79	80	58
	1992	86	84	86	50	82	63	90
70 years and over	1997	104	111	113	97	110	105	141
	1992	82	117	97	71	70	91	104
Average age	1997	49.6	52.5	51.9	52.0	50.9	50.8	55.5
	1992	47.7	50.7	49.6	49.0	48.3	48.8	53.9
Operators by sex:								
Male	farms, 1997	1 071	764	906	784	855	880	632
	1992	1 169	873	1 056	798	941	963	649
	acres, 1997	345 854	320 113	313 895	290 652	322 022	265 456	215 523
	1992	354 528	338 443	330 285	299 949	326 469	268 223	230 663
Female	farms, 1997	31	40	59	38	35	46	46
	1992	28	32	43	23	38	44	31
	acres, 1997	6 844	11 249	11 849	10 199	8 333	6 915	6 325
	1992	5 227	8 910	8 516	8 548	9 785	6 682	5 746
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)	farms, 1997	935	678	781	673	745	802	607
	1992	1 023	777	894	677	820	869	606
	acres, 1997	287 682	262 447	240 905	229 005	256 903	217 294	183 169
	1992	298 490	277 293	250 403	241 745	267 573	218 217	203 261
Partnership	farms, 1997	99	70	90	54	80	83	54
	1992	114	93	109	69	101	102	51
	acres, 1997	34 777	31 720	32 574	28 059	39 859	24 922	25 199
	1992	39 764	39 736	40 864	29 535	38 729	33 713	19 524
Corporation:								
Family held	farms, 1997	59	42	76	79	58	35	11
	1992	53	28	80	68	50	31	22
	acres, 1997	29 085	33 858	48 997	39 868	32 979	29 239	11 490
	1992	20 785	24 100	43 789	35 409	28 762	22 410	(D)
Other than family held	farms, 1997	5	6	6	8	5	3	1
	1992	2	3	9	5	2	2	–
	acres, 1997	753	(D)	1 483	1 129	(D)	(D)	(D)
	1992	(D)	(D)	2 658	(D)	(D)	(D)	–
Other—cooperative, estate or trust, institutional, etc.	farms, 1997	4	8	12	8	2	3	5
	1992	5	4	7	2	6	3	1
	acres, 1997	401	(D)	1 785	2 790	(D)	(D)	(D)
	1992	(D)	(D)	1 087	(D)	(D)	(D)	(D)

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics		Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
OPERATOR CHARACTERISTICS—Con.								
Operators by age group:								
Under 25 years	1997	8	21	19	21	8	26	11
	1992	7	38	32	35	6	25	5
25 to 34 years	1997	43	141	130	114	45	111	43
	1992	91	208	203	184	107	115	46
35 to 44 years	1997	169	394	314	265	189	161	127
	1992	194	445	320	286	221	167	141
45 to 54 years	1997	174	396	297	263	252	186	163
	1992	151	355	294	252	195	157	140
55 to 59 years	1997	75	180	154	108	92	77	76
	1992	71	178	150	152	97	107	53
60 to 64 years	1997	64	174	125	110	97	85	86
	1992	95	160	150	135	114	94	101
65 to 69 years	1997	52	144	101	65	95	93	84
	1992	72	113	99	86	83	94	56
70 years and over	1997	83	188	128	161	140	145	140
	1992	89	120	114	130	121	133	106
Average age	1997	52.3	51.8	50.9	51.5	54.0	52.4	55.9
	1992	51.0	48.8	49.3	49.7	52.0	52.3	54.2
Operators by sex:								
Male	farms, 1997	634	1 557	1 208	1 057	866	829	675
	1992	728	1 549	1 312	1 213	901	842	602
	acres, 1997	280 795	437 895	354 401	424 364	315 790	258 702	245 639
	1992	304 593	439 917	355 508	406 717	305 364	266 145	244 094
Female	farms, 1997	34	81	60	50	52	55	55
	1992	42	68	50	47	43	50	46
	acres, 1997	5 034	14 155	13 363	7 362	7 822	7 806	16 288
	1992	10 219	17 037	12 606	8 387	6 809	9 174	17 400
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)	farms, 1997	530	1 356	1 081	962	764	782	636
	1992	620	1 287	1 157	1 071	781	790	561
	acres, 1997	198 369	344 258	292 199	357 146	226 081	204 073	215 051
	1992	228 265	341 432	291 225	338 799	237 474	219 755	198 993
Partnership	farms, 1997	41	217	104	100	76	69	69
	1992	67	269	125	141	96	78	63
	acres, 1997	18 793	70 125	33 290	43 641	43 181	28 180	23 499
	1992	34 490	87 897	35 600	50 491	32 317	36 695	33 300
Corporation:								
Family held	farms, 1997	88	58	72	32	67	29	19
	1992	77	47	72	34	50	20	18
	acres, 1997	66 538	35 766	40 546	29 266	51 294	33 062	12 375
	1992	50 914	24 078	40 471	23 688	36 772	18 521	17 482
Other than family held	farms, 1997	4	2	5	7	4	1	1
	1992	3	6	2	11	6	2	3
	acres, 1997	1 090	(D)	259	(D)	1 724	(D)	(D)
	1992	(D)	1 718	(D)	1 564	3 253	(D)	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1997	5	5	6	6	7	3	5
	1992	3	8	6	3	11	2	3
	acres, 1997	1 039	(D)	1 470	(D)	1 332	(D)	(D)
	1992	(D)	1 829	(D)	562	2 357	(D)	(D)

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics		Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
OPERATOR CHARACTERISTICS—Con.									
Operators by age group:									
Under 25 years	1997	27	11	12	24	9	14	12	19
	1992	55	21	25	41	10	48	17	42
25 to 34 years	1997	150	43	43	188	40	121	97	62
	1992	274	72	66	315	72	197	132	102
35 to 44 years	1997	373	125	120	365	119	336	190	201
	1992	329	141	133	336	159	344	203	238
45 to 54 years	1997	278	152	126	363	138	311	206	202
	1992	280	136	87	380	116	320	205	185
55 to 59 years	1997	137	75	39	207	58	156	100	89
	1992	155	75	68	201	59	142	78	105
60 to 64 years	1997	144	70	50	163	62	129	76	96
	1992	128	63	66	180	50	164	89	96
65 to 69 years	1997	77	49	50	114	32	91	60	71
	1992	67	57	51	95	49	86	64	87
70 years and over	1997	92	125	72	155	61	137	109	116
	1992	79	116	58	105	42	115	94	74
Average age	1997	48.9	54.4	52.0	50.6	51.6	50.9	51.3	52.4
	1992	46.6	52.4	50.4	48.0	48.9	48.8	49.8	49.3
Operators by sex:									
Male	farms, 1997	1 231	611	483	1 522	498	1 236	813	811
	1992	1 328	655	531	1 607	532	1 360	850	899
	acres, 1997	320 147	186 596	198 039	325 865	215 170	395 802	291 124	334 105
	1992	330 385	186 451	199 492	336 366	218 696	387 905	282 229	334 548
Female	farms, 1997	47	39	29	57	21	59	37	45
	1992	39	26	23	46	25	56	32	30
	acres, 1997	6 040	5 569	3 087	10 632	5 004	8 605	9 131	10 191
	1992	5 746	6 016	2 757	7 504	6 115	13 720	5 357	8 819
TYPE OF ORGANIZATION									
Individual or family (sole proprietorship)	farms, 1997	1 092	488	433	1 300	442	1 078	713	730
	1992	1 140	562	474	1 352	483	1 197	730	779
	acres, 1997	255 186	121 392	160 396	256 175	180 991	309 542	213 081	278 082
	1992	261 160	142 431	156 138	252 647	185 146	317 330	217 871	273 775
Partnership	farms, 1997	127	66	36	223	46	133	55	53
	1992	174	55	44	263	51	166	79	80
	acres, 1997	38 390	25 548	17 823	59 994	18 509	38 770	26 381	24 259
	1992	46 426	20 079	15 509	73 947	(D)	49 660	27 406	36 960
Corporation:									
Family held	farms, 1997	49	84	39	36	27	70	70	65
	1992	41	58	34	33	21	44	63	66
	acres, 1997	31 242	43 186	22 451	12 636	20 347	53 070	56 754	41 140
	1992	26 953	29 302	(D)	12 725	14 689	33 570	39 959	32 115
Other than family held	farms, 1997	4	3	–	7	1	9	6	4
	1992	6	1	–	2	2	5	5	3
	acres, 1997	370	594	–	5 001	(D)	1 533	(D)	(D)
	1992	(D)	(D)	–	(D)	(D)	(D)	1 590	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1997	6	9	4	13	3	5	6	4
	1992	6	5	2	3	–	4	5	1
	acres, 1997	999	1 445	456	2 691	(D)	1 492	(D)	(D)
	1992	(D)	(D)	(D)	(D)	–	(D)	760	(D)

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics			Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
OPERATOR CHARACTERISTICS—Con.										
Operators by age group:										
Under 25 years		1997	7	15	20	15	8	18	11	16
		1992	18	22	17	13	16	36	23	12
25 to 34 years		1997	24	61	76	51	57	82	66	60
		1992	51	103	115	121	120	153	149	143
35 to 44 years		1997	116	165	181	179	211	216	214	205
		1992	129	214	199	192	206	222	244	217
45 to 54 years		1997	129	180	183	191	193	192	193	215
		1992	107	153	215	176	173	180	193	174
55 to 59 years		1997	59	81	100	77	78	97	98	77
		1992	62	85	111	97	88	108	94	81
60 to 64 years		1997	53	79	71	97	72	94	84	97
		1992	62	103	83	126	110	104	117	104
65 to 69 years		1997	66	68	64	84	81	69	71	73
		1992	65	94	48	97	66	70	69	82
70 years and over		1997	114	114	59	153	90	81	120	133
		1992	102	77	65	124	94	66	97	106
Average age		1997	55.5	52.8	50.4	54.2	52.0	50.6	52.2	52.9
		1992	53.1	50.6	49.2	52.2	50.3	48.3	49.4	50.3
Operators by sex:										
Male	farms	1997	535	725	733	780	766	828	826	821
		1992	567	824	835	886	850	911	964	890
	acres	1997	311 964	332 810	317 105	294 610	343 630	329 252	332 983	375 792
		1992	296 956	362 362	312 447	318 956	325 978	324 300	328 653	388 656
Female	farms	1997	33	38	21	67	24	21	31	55
		1992	29	27	18	60	23	28	22	29
	acres	1997	6 391	10 536	4 284	9 567	5 045	4 798	6 968	16 916
		1992	5 396	4 565	4 758	9 929	6 399	4 851	3 705	10 499
TYPE OF ORGANIZATION										
Individual or family (sole proprietorship)	farms	1997	421	599	598	734	644	715	698	731
		1992	471	679	703	844	733	795	827	779
	acres	1997	187 523	244 640	205 485	249 862	237 983	258 824	241 612	287 579
		1992	220 606	267 043	224 465	275 148	249 644	269 852	261 042	329 043
Partnership	farms	1997	72	77	69	75	66	67	69	88
		1992	67	96	74	74	77	98	88	88
	acres	1997	54 993	33 572	(D)	30 525	46 591	28 997	37 195	53 309
		1992	36 997	44 527	30 232	33 607	41 702	32 503	33 420	29 493
Corporation:										
Family held	farms	1997	68	80	84	31	71	61	82	49
		1992	53	69	66	22	54	38	52	40
	acres	1997	72 547	63 207	87 558	22 675	58 485	45 975	60 146	45 905
		1992	43 845	54 686	58 312	18 419	38 073	25 298	34 144	32 949
Other than family held	farms	1997	1	2	3	2	3	3	2	1
		1992	3	3	8	1	5	2	12	4
	acres	1997	(D)	(D)	(D)	(D)	1 125	(D)	(D)	(D)
		1992	(D)	(D)	(D)	(D)	2 173	(D)	1 863	187
Other—cooperative, estate or trust, institutional, etc.	farms	1997	6	5	–	5	6	3	6	7
		1992	2	4	2	5	4	6	7	8
	acres	1997	(D)	(D)	–	(D)	4 491	(D)	(D)	(D)
		1992	(D)	(D)	(D)	(D)	785	(D)	1 889	7 483

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics		Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
OPERATOR CHARACTERISTICS—Con.									
Operators by age group:									
Under 25 years	1997	5	9	11	19	14	9	26	11
	1992	9	32	12	27	17	30	22	13
25 to 34 years	1997	47	93	43	55	77	112	77	49
	1992	80	160	84	112	155	199	153	80
35 to 44 years	1997	179	218	157	151	224	288	222	163
	1992	149	169	176	178	221	275	286	191
45 to 54 years	1997	216	175	123	153	209	288	289	171
	1992	196	161	142	136	210	289	263	111
55 to 59 years	1997	91	99	73	54	112	157	149	68
	1992	77	92	66	71	96	149	158	82
60 to 64 years	1997	67	81	63	66	104	134	134	75
	1992	99	89	82	76	87	135	159	75
65 to 69 years	1997	87	53	47	55	86	142	133	74
	1992	66	79	61	65	72	103	108	67
70 years and over	1997	143	134	83	84	150	150	174	154
	1992	119	99	54	64	119	146	160	121
Average age	1997	54.5	51.8	52.3	51.4	53.1	52.7	53.8	54.5
	1992	52.9	49.6	50.0	48.8	49.9	50.2	51.7	52.2
Operators by sex:									
Male	farms, 1997	795	810	576	617	908	1 199	1 141	705
	1992	764	855	660	694	940	1 258	1 256	703
	acres, 1997	238 995	261 733	251 988	249 806	314 509	319 735	412 619	215 401
	1992	220 362	257 248	275 556	267 915	315 037	334 686	420 013	217 904
Female	farms, 1997	40	52	24	20	68	81	63	60
	1992	31	26	17	35	37	68	53	37
	acres, 1997	5 709	8 017	5 423	3 500	17 413	15 089	8 018	12 616
	1992	5 473	3 533	5 241	4 916	6 248	11 883	11 172	9 169
TYPE OF ORGANIZATION									
Individual or family (sole proprietorship)	farms, 1997	681	768	509	527	819	1 103	957	653
	1992	663	778	585	604	834	1 131	1 044	631
	acres, 1997	177 215	214 932	204 096	196 868	230 885	267 562	294 706	176 438
	1992	175 428	219 057	229 549	212 964	245 692	272 664	306 395	173 450
Partnership	farms, 1997	64	63	46	49	96	131	110	51
	1992	72	82	57	80	104	156	162	76
	acres, 1997	26 596	27 130	25 589	27 687	36 741	45 974	37 470	22 008
	1992	20 052	(D)	30 039	37 065	30 558	51 593	57 072	32 659
Corporation:									
Family held	farms, 1997	79	24	44	48	47	33	126	45
	1992	47	20	27	36	31	33	90	29
	acres, 1997	39 725	27 218	(D)	26 164	36 971	17 543	85 347	25 443
	1992	26 249	14 322	18 401	21 194	26 681	19 309	62 708	20 598
Other than family held	farms, 1997	3	1	–	4	6	4	3	7
	1992	4	1	4	3	5	3	4	1
	acres, 1997	368	(D)	–	(D)	(D)	(D)	260	1 247
	1992	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1997	8	6	1	9	8	9	8	9
	1992	9	–	4	6	3	3	9	3
	acres, 1997	800	(D)	(D)	(D)	(D)	(D)	2 854	2 881
	1992	(D)	–	(D)	(D)	(D)	(D)	(D)	(D)

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics		Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
OPERATOR CHARACTERISTICS—Con.									
Operators by age group:									
Under 25 years	1997	9	11	19	19	13	18	8	15
	1992	26	29	17	36	18	35	12	11
25 to 34 years	1997	96	78	56	148	51	100	44	52
	1992	158	156	127	225	94	152	64	59
35 to 44 years	1997	251	238	229	377	167	264	129	121
	1992	260	264	214	375	187	342	136	99
45 to 54 years	1997	322	280	205	312	195	368	135	153
	1992	267	262	192	320	194	323	100	123
55 to 59 years	1997	149	113	114	140	132	160	56	66
	1992	134	117	94	203	97	178	66	72
60 to 64 years	1997	126	110	81	169	82	196	71	79
	1992	114	117	90	197	94	174	63	73
65 to 69 years	1997	104	82	81	115	77	119	62	74
	1992	117	75	102	120	82	129	36	85
70 years and over	1997	204	117	183	124	144	255	88	146
	1992	166	92	116	116	106	196	77	108
Average age	1997	53.8	51.9	54.0	50.4	54.4	54.7	53.6	55.4
	1992	51.4	49.1	51.2	49.5	51.8	51.9	51.3	55.1
Operators by sex:									
Male	farms, 1997	1 177	976	888	1 361	809	1 379	548	654
	1992	1 182	1 067	903	1 551	836	1 434	534	592
	acres, 1997	279 404	312 660	309 260	571 003	247 402	329 362	191 803	216 607
	1992	273 846	315 730	310 214	606 046	260 365	338 252	187 272	212 647
Female	farms, 1997	84	53	80	43	52	101	45	52
	1992	60	45	49	41	36	95	20	38
	acres, 1997	8 735	9 274	13 768	9 881	9 283	9 865	9 590	10 553
	1992	10 691	6 220	12 187	8 988	5 718	11 000	4 019	6 723
TYPE OF ORGANIZATION									
Individual or family (sole proprietorship)	farms, 1997	1 022	806	777	1 186	707	1 261	449	624
	1992	987	905	782	1 372	729	1 294	450	561
	acres, 1997	205 459	217 254	222 311	452 794	172 484	254 677	135 889	178 058
	1992	201 898	226 564	235 350	497 531	192 369	258 380	143 097	177 361
Partnership	farms, 1997	146	104	97	116	76	121	72	60
	1992	177	117	111	150	78	137	56	51
	acres, 1997	44 059	36 353	38 754	57 597	35 275	32 526	27 113	28 124
	1992	51 228	41 330	45 948	67 296	35 444	38 010	18 298	26 837
Corporation:									
Family held	farms, 1997	77	102	85	92	69	83	65	16
	1992	64	85	50	62	58	82	40	13
	acres, 1997	35 985	64 854	59 030	68 172	46 726	50 486	36 726	16 149
	1992	29 289	52 089	37 082	48 989	35 699	49 345	26 325	11 512
Other than family held	farms, 1997	12	10	4	5	2	5	3	2
	1992	9	3	2	4	3	4	4	1
	acres, 1997	2 036	2 340	(D)	(D)	(D)	304	(D)	(D)
	1992	1 455	(D)	(D)	505	(D)	265	2 883	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1997	4	7	5	5	7	10	4	4
	1992	5	2	7	4	4	12	4	4
	acres, 1997	600	1 133	(D)	(D)	(D)	1 234	(D)	(D)
	1992	667	(D)	(D)	713	(D)	3 252	688	(D)

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics		Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
OPERATOR CHARACTERISTICS—Con.									
Operators by age group:									
Under 25 years	1997	27	12	12	9	7	8	33	16
	1992	49	17	17	15	11	12	32	13
25 to 34 years	1997	146	58	70	75	59	32	109	57
	1992	209	92	148	126	119	58	149	107
35 to 44 years	1997	337	206	255	170	205	90	209	144
	1992	270	215	257	197	194	117	206	171
45 to 54 years	1997	251	233	256	234	211	147	191	166
	1992	245	221	209	211	192	130	158	182
55 to 59 years	1997	109	112	90	117	107	50	93	77
	1992	116	128	101	107	119	65	91	81
60 to 64 years	1997	99	107	86	112	109	53	77	76
	1992	138	117	122	108	105	51	85	94
65 to 69 years	1997	81	89	80	106	77	37	49	66
	1992	80	94	86	94	84	57	52	68
70 years and over	1997	99	169	173	148	137	79	63	95
	1992	87	142	135	138	125	73	52	106
Average age	1997	48.8	54.5	53.1	54.3	53.7	53.6	48.2	52.6
	1992	47.7	52.9	50.7	52.1	52.1	52.2	47.2	51.6
Operators by sex:									
Male	farms, 1997	1 121	930	962	921	854	476	794	667
	1992	1 176	970	1 027	956	897	542	804	795
	acres, 1997	345 785	308 599	320 053	280 191	310 532	227 725	257 631	357 820
	1992	345 056	293 417	308 378	265 379	306 684	233 888	260 321	386 016
Female	farms, 1997	28	56	60	50	58	20	30	30
	1992	18	56	48	40	52	21	21	27
	acres, 1997	2 707	7 980	8 985	5 533	8 860	4 404	7 542	9 831
	1992	2 543	12 268	6 509	3 141	6 174	3 974	2 726	6 819
TYPE OF ORGANIZATION									
Individual or family (sole proprietorship)	farms, 1997	942	861	814	819	713	390	702	585
	1992	999	913	897	842	758	471	700	679
	acres, 1997	253 578	248 812	225 147	207 865	204 323	157 198	208 502	292 242
	1992	265 629	245 782	232 269	204 335	222 878	174 421	208 345	312 506
Partnership	farms, 1997	89	89	114	97	88	46	68	68
	1992	102	77	109	110	109	51	97	106
	acres, 1997	30 748	40 600	47 269	36 676	28 029	30 670	29 831	33 982
	1992	27 031	34 312	43 573	40 618	35 534	33 060	37 972	48 852
Corporation:									
Family held	farms, 1997	111	28	82	49	103	54	47	41
	1992	85	21	57	37	66	35	25	26
	acres, 1997	62 423	24 634	53 896	40 658	82 611	42 561	25 369	40 720
	1992	52 840	19 878	36 119	21 823	48 456	27 522	(D)	25 655
Other than family held	farms, 1997	3	4	4	–	3	2	3	2
	1992	5	6	5	3	5	3	–	3
	acres, 1997	(D)	(D)	669	–	(D)	(D)	(D)	(D)
	1992	(D)	2 893	1 552	(D)	2 073	(D)	–	2 685
Other—cooperative, estate or trust, institutional, etc.	farms, 1997	4	4	8	6	5	4	4	1
	1992	3	9	7	4	11	3	3	8
	acres, 1997	(D)	(D)	2 057	525	(D)	(D)	(D)	(D)
	1992	(D)	2 820	1 374	(D)	3 917	(D)	(D)	3 137

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics		Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
OPERATOR CHARACTERISTICS—Con.									
Operators by age group:									
Under 25 years	1997	8	13	8	17	9	17	20	38
	1992	12	12	12	36	22	16	25	59
25 to 34 years	1997	51	32	55	85	68	40	72	120
	1992	68	60	124	175	123	109	140	241
35 to 44 years	1997	110	127	163	272	201	177	206	374
	1992	115	151	137	301	184	185	193	438
45 to 54 years	1997	161	125	181	227	143	200	188	377
	1992	155	107	210	229	150	171	152	308
55 to 59 years	1997	75	63	121	103	57	74	61	135
	1992	70	48	87	127	80	98	81	148
60 to 64 years	1997	69	48	76	102	57	87	65	138
	1992	67	73	84	138	86	104	103	196
65 to 69 years	1997	73	59	64	85	61	84	76	137
	1992	88	63	59	82	52	90	81	104
70 years and over	1997	144	110	115	86	53	166	99	171
	1992	107	103	90	59	40	143	66	121
Average age	1997	55.4	54.3	53.4	50.3	49.5	55.0	50.9	51.1
	1992	53.6	52.9	50.6	48.0	47.6	52.7	49.1	48.1
Operators by sex:									
Male	farms, 1997	634	540	725	956	636	796	744	1 431
	1992	652	588	780	1 119	721	877	805	1 566
	acres, 1997	202 532	235 807	210 501	355 882	238 590	302 099	315 728	501 643
	1992	215 327	233 559	216 836	357 817	257 111	311 780	329 768	508 873
Female	farms, 1997	57	37	58	21	13	49	43	59
	1992	30	29	23	28	16	39	36	49
	acres, 1997	14 785	6 843	8 500	2 590	2 011	7 129	12 005	10 386
	1992	8 311	6 541	2 996	4 292	3 669	6 998	8 962	9 374
TYPE OF ORGANIZATION									
Individual or family (sole proprietorship)	farms, 1997	596	479	632	806	532	729	658	1 261
	1992	601	514	673	977	605	775	707	1 385
	acres, 1997	177 864	186 643	149 477	282 927	167 181	241 770	253 640	398 351
	1992	185 524	193 843	156 796	292 905	190 510	259 741	264 636	425 932
Partnership	farms, 1997	73	58	71	83	37	77	64	134
	1992	64	70	74	105	59	102	71	163
	acres, 1997	28 813	23 497	29 158	30 652	14 699	37 095	31 415	67 816
	1992	27 773	24 344	25 754	34 412	(D)	36 956	30 093	60 895
Corporation:									
Family held	farms, 1997	10	36	69	72	76	30	58	81
	1992	12	25	49	57	70	27	56	60
	acres, 1997	8 631	32 098	37 907	41 046	55 611	26 105	39 999	40 838
	1992	7 905	20 013	36 230	32 532	46 338	19 718	42 076	29 479
Other than family held	farms, 1997	8	–	1	9	4	1	4	10
	1992	5	3	4	2	3	4	–	1
	acres, 1997	544	–	(D)	(D)	3 110	(D)	(D)	(D)
	1992	2 436	(D)	(D)	(D)	(D)	732	–	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1997	4	4	10	7	–	8	3	4
	1992	–	5	3	6	–	8	7	6
	acres, 1997	1 465	412	(D)	(D)	–	(D)	(D)	(D)
	1992	–	(D)	(D)	(D)	–	1 631	1 925	(D)

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics		Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
OPERATOR CHARACTERISTICS—Con.									
Operators by age group:									
Under 25 years	1997	9	10	19	10	12	17	17	17
	1992	28	20	30	19	5	22	21	29
25 to 34 years	1997	56	42	112	78	49	92	59	98
	1992	140	77	184	111	70	155	116	193
35 to 44 years	1997	189	166	307	190	114	227	165	232
	1992	221	163	323	195	136	215	197	245
45 to 54 years	1997	194	215	296	199	141	188	199	230
	1992	171	199	314	219	116	185	221	208
55 to 59 years	1997	85	83	145	106	62	80	116	85
	1992	95	101	137	97	58	97	98	104
60 to 64 years	1997	82	89	148	116	69	73	90	86
	1992	96	111	174	99	82	115	102	129
65 to 69 years	1997	70	79	134	85	68	51	64	70
	1992	82	58	146	74	75	86	63	77
70 years and over	1997	93	116	164	150	156	85	89	103
	1992	86	103	133	119	134	92	95	103
Average age	1997	52.0	54.0	52.4	53.7	56.1	49.7	52.5	50.3
	1992	49.2	52.2	50.8	51.3	54.7	49.7	50.5	48.7
Operators by sex:									
Male	farms, 1997	755	738	1 266	858	600	789	754	908
	1992	882	784	1 392	895	638	937	872	1 076
	acres, 1997	351 147	216 379	528 087	324 497	251 709	342 418	220 430	341 212
	1992	351 009	222 094	535 054	334 585	284 735	359 560	227 768	351 975
Female	farms, 1997	23	62	59	76	71	24	45	13
	1992	37	48	49	38	38	30	41	12
	acres, 1997	5 841	9 244	8 617	10 799	12 044	2 531	4 818	1 154
	1992	8 433	7 724	7 801	6 397	8 531	4 612	5 449	1 595
TYPE OF ORGANIZATION									
Individual or family (sole proprietorship)	farms, 1997	659	647	1 029	782	590	667	667	813
	1992	787	681	1 145	771	578	794	759	927
	acres, 1997	290 587	151 975	347 594	247 465	222 526	263 736	156 773	297 376
	1992	295 731	157 578	382 104	266 897	228 826	270 199	168 389	298 214
Partnership	farms, 1997	64	66	131	85	60	80	55	56
	1992	84	87	163	123	80	120	76	103
	acres, 1997	27 028	22 858	67 029	33 129	35 012	43 897	17 866	20 620
	1992	31 588	31 307	85 310	46 733	52 890	62 663	19 521	27 678
Corporation:									
Family held	farms, 1997	49	74	154	55	15	57	72	47
	1992	38	50	119	32	13	46	75	55
	acres, 1997	37 716	48 481	116 408	51 619	5 295	30 935	49 833	24 051
	1992	30 609	36 530	68 937	26 357	10 001	26 545	45 212	27 598
Other than family held	farms, 1997	2	7	4	1	3	6	1	4
	1992	4	5	9	2	–	4	1	1
	acres, 1997	(D)	861	(D)	(D)	(D)	(D)	(D)	(D)
	1992	(D)	(D)	(D)	(D)	–	(D)	(D)	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1997	4	6	7	11	3	3	4	1
	1992	6	9	5	5	5	3	2	2
	acres, 1997	(D)	1 448	(D)	(D)	(D)	(D)	(D)	(D)
	1992	(D)	(D)	(D)	(D)	1 549	(D)	(D)	(D)

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics			Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
OPERATOR CHARACTERISTICS—Con.										
Operators by age group:										
Under 25 years		1997	37	11	17	7	11	7	18	8
		1992	64	12	37	18	17	12	19	14
25 to 34 years		1997	209	52	109	63	39	48	55	56
		1992	345	112	168	88	61	80	70	117
35 to 44 years		1997	508	220	255	135	117	154	158	233
		1992	535	234	273	155	129	149	174	232
45 to 54 years		1997	411	252	260	150	174	173	195	284
		1992	404	236	279	135	146	162	155	265
55 to 59 years		1997	178	101	151	94	72	112	76	140
		1992	205	101	144	67	72	91	96	151
60 to 64 years		1997	141	108	118	72	76	101	89	172
		1992	194	109	139	72	72	68	61	131
65 to 69 years		1997	110	80	85	79	63	60	56	122
		1992	139	71	120	69	57	80	66	121
70 years and over		1997	158	122	157	146	119	152	134	199
		1992	112	115	134	137	117	110	116	185
Average age		1997	48.8	52.9	52.2	55.3	55.0	55.3	53.8	55.5
		1992	47.0	51.1	50.5	52.9	53.5	52.8	52.4	53.5
Operators by sex:										
Male	farms	1997	1 716	898	1 090	702	633	771	722	1 141
		1992	1 948	954	1 247	703	632	719	691	1 159
	acres	1997	485 134	334 279	386 980	282 163	216 386	249 838	199 526	292 309
		1992	487 624	328 480	395 431	268 224	228 285	234 958	187 434	293 154
Female	farms	1997	36	48	62	44	38	36	59	73
		1992	50	36	47	38	39	33	66	57
	acres	1997	8 422	6 606	9 240	9 334	8 748	7 389	8 687	7 526
		1992	8 145	2 731	6 427	10 698	7 980	6 464	7 587	9 333
TYPE OF ORGANIZATION										
Individual or family (sole proprietorship)	farms	1997	1 407	706	958	635	574	677	718	1 092
		1992	1 630	783	1 075	648	586	624	687	1 057
	acres	1997	362 194	210 499	299 689	251 446	183 474	195 677	177 005	243 964
		1992	372 631	240 936	304 463	242 081	183 327	181 274	169 382	234 000
Partnership	farms	1997	188	81	139	89	60	68	32	83
		1992	256	98	163	69	51	83	45	109
	acres	1997	60 600	30 155	54 378	28 258	23 947	24 679	(D)	29 943
		1992	75 792	34 663	63 840	24 783	26 054	30 339	8 155	37 390
Corporation:										
Family held	farms	1997	129	131	53	12	23	52	27	30
		1992	85	87	49	18	24	39	23	39
	acres	1997	66 784	92 477	41 628	8 438	12 953	33 150	21 375	23 847
		1992	42 175	49 323	32 080	10 372	16 090	27 170	17 191	28 400
Other than family held	farms	1997	14	14	1	1	9	7	2	7
		1992	21	8	1	1	4	5	1	5
	acres	1997	2 408	6 046	(D)	(D)	3 767	(D)	(D)	(D)
		1992	4 704	1 445	(D)	(D)	635	(D)	(D)	1 823
Other—cooperative, estate or trust, institutional, etc.	farms	1997	14	14	1	9	5	3	2	2
		1992	6	14	6	5	6	1	1	6
	acres	1997	1 570	1 708	(D)	(D)	993	(D)	(D)	(D)
		1992	467	4 844	(D)	(D)	10 159	(D)	(D)	874

Table 11. **Tenure and Characteristics of Operator and Type of Organization: 1997 and 1992**—Con.

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

Characteristics		Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
OPERATOR CHARACTERISTICS—Con.									
Operators by age group:									
Under 25 years	1997	12	9	7	12	24	16	10	16
	1992	27	12	21	15	35	31	17	21
25 to 34 years	1997	125	73	54	39	144	100	59	51
	1992	176	81	143	94	260	146	98	101
35 to 44 years	1997	241	114	245	164	394	298	166	154
	1992	234	107	272	151	362	301	171	162
45 to 54 years	1997	220	150	222	145	323	329	121	162
	1992	233	159	182	134	276	262	119	176
55 to 59 years	1997	127	71	88	56	137	145	69	85
	1992	115	81	116	64	164	120	65	108
60 to 64 years	1997	111	91	105	59	135	121	57	86
	1992	98	68	143	80	146	129	59	87
65 to 69 years	1997	95	76	100	60	119	109	49	54
	1992	80	90	97	49	109	110	49	72
70 years and over	1997	130	145	116	72	174	188	77	109
	1992	115	136	85	58	143	155	64	85
Average age	1997	51.5	55.2	52.7	51.5	51.0	52.6	51.4	52.9
	1992	49.6	54.2	50.1	49.8	48.7	51.2	48.9	50.9
Operators by sex:									
Male	farms, 1997	1 012	667	903	581	1 380	1 231	578	697
	1992	1 046	688	1 018	616	1 454	1 199	623	785
	acres, 1997	305 311	273 725	405 320	236 886	350 125	483 918	223 133	345 358
	1992	300 565	272 129	399 364	228 704	351 096	431 228	218 960	347 016
Female	farms, 1997	49	62	34	26	70	75	30	20
	1992	32	46	41	29	41	55	19	27
	acres, 1997	12 388	12 687	7 321	4 714	10 653	13 323	4 765	4 317
	1992	8 943	10 594	9 098	3 273	6 588	11 019	5 672	6 667
TYPE OF ORGANIZATION									
Individual or family (sole proprietorship)	farms, 1997	795	629	794	500	1 254	1 125	523	607
	1992	810	638	908	536	1 243	1 087	561	682
	acres, 1997	198 334	237 657	324 555	169 267	291 501	382 086	187 311	265 588
	1992	200 235	236 206	329 454	169 087	276 961	358 414	185 598	289 411
Partnership	farms, 1997	116	73	76	49	166	111	44	50
	1992	152	77	97	72	219	121	56	73
	acres, 1997	42 024	24 281	35 344	17 348	51 247	71 814	19 903	32 441
	1992	44 333	32 294	42 244	26 826	66 126	57 311	24 755	28 668
Corporation:									
Family held	farms, 1997	129	20	63	53	23	53	36	52
	1992	101	13	46	36	23	32	22	46
	acres, 1997	73 755	21 678	52 702	54 411	16 885	40 375	19 801	48 669
	1992	60 459	11 885	35 846	(D)	13 069	24 011	13 438	34 639
Other than family held	farms, 1997	12	–	4	2	2	5	2	4
	1992	14	2	6	–	2	2	1	7
	acres, 1997	1 185	–	40	(D)	(D)	1 031	(D)	(D)
	1992	(D)	(D)	(D)	–	(D)	(D)	(D)	606
Other—cooperative, estate or trust, institutional, etc.	farms, 1997	9	7	–	3	5	12	3	4
	1992	1	4	2	1	8	12	2	4
	acres, 1997	2 401	2 796	–	(D)	(D)	1 935	(D)	(D)
	1992	(D)	(D)	(D)	(D)	(D)	(D)	(D)	359

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**

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

Item		Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
FARMS AND LAND IN FARMS								
Land in farms	farms, 1997	67 146	593	380	649	430	514	927
	1992	77 124	692	491	807	444	611	1 078
	acres, 1997	29 199 099	317 778	211 778	255 305	198 464	261 339	398 313
	1992	29 902 195	311 443	221 990	297 039	197 009	257 924	408 750
Average size of farm	acres, 1997	435	536	557	393	462	508	430
	1992	388	450	452	368	444	422	379
Total cropland	farms, 1997	64 374	576	364	616	413	491	896
	1992	72 819	659	466	759	430	569	1 018
	acres, 1997	25 709 148	270 725	167 457	163 883	150 294	239 730	363 875
	1992	26 335 449	261 860	177 200	186 983	153 957	232 429	376 711
Harvested cropland	farms, 1997	63 256	565	352	589	398	474	887
	1992	71 371	644	450	732	419	556	1 002
	acres, 1997	23 075 749	212 110	123 227	132 688	90 805	216 035	338 971
	1992	22 521 704	198 752	121 301	139 856	87 484	195 957	333 718
Irrigated land	farms, 1997	813	3	1	3	2	–	9
	1992	859	2	–	5	2	2	11
	acres, 1997	123 536	(D)	(D)	(D)	(D)	–	(D)
	1992	114 653	(D)	–	37	(D)	(D)	175
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text)	$1,000, 1997	11 881 261	81 867	49 110	80 016	27 468	113 724	157 250
	1992	10 023 073	74 364	45 498	88 685	25 876	93 212	150 666
Average per farm	dollars, 1997	176 947	138 055	129 237	123 291	63 879	221 252	169 633
	1992	129 960	107 462	92 664	109 895	58 278	152 557	139 764
1997 sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops	farms	60 108	544	334	479	340	459	858
	$1,000	6 158 584	42 550	25 528	21 254	15 055	52 255	102 535
Grains	farms	58 715	523	324	459	301	455	837
	$1,000	5 991 009	41 153	25 060	18 570	13 493	51 679	101 039
Corn for grain	farms	53 276	468	284	410	245	412	782
	$1,000	3 215 025	20 154	12 244	13 922	6 367	24 600	52 506
Wheat	farms	651	1	4	3	7	1	3
	$1,000	2 867	(D)	(D)	6	19	(D)	(D)
Soybeans	farms	53 466	501	307	200	277	443	781
	$1,000	2 756 149	20 882	(D)	4 339	(D)	26 997	48 163
Sorghum for grain	farms	31	–	3	–	–	1	–
	$1,000	(D)	–	3	–	–	(D)	–
Barley	farms	70	–	–	8	–	–	1
	$1,000	(D)	–	–	18	–	–	(D)
Oats	farms	5 328	54	31	136	11	37	114
	$1,000	10 741	(D)	87	(D)	(D)	(D)	242
Other grains	farms	270	1	–	6	–	1	4
	$1,000	5 940	(D)	–	(D)	–	(D)	92
Cotton and cottonseed	farms	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–
Tobacco	farms	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–
Hay, silage, and field seeds	farms	11 394	145	66	169	127	109	178
	$1,000	82 236	(D)	451	1 988	1 053	548	1 063
Vegetables, sweet corn, and melons	farms	504	–	1	1	3	–	12
	$1,000	8 039	–	(D)	(D)	(D)	–	(D)
Fruits, nuts, and berries	farms	174	–	–	1	–	2	2
	$1,000	3 341	–	–	(D)	–	(D)	(D)
Nursery and greenhouse crops	farms	496	3	1	4	1	1	10
	$1,000	72 281	(D)	(D)	(D)	(D)	(D)	339
Other crops	farms	82	–	1	2	1	–	2
	$1,000	1 676	–	(D)	(D)	(D)	–	(D)
Livestock, poultry, and their products	farms	41 501	458	302	593	362	351	546
	$1,000	5 722 677	39 317	23 582	58 762	12 413	61 469	54 715
Poultry and poultry products	farms	1 046	11	9	6	8	9	21
	$1,000	414 021	(D)	1 041	(D)	(D)	(D)	(D)
Dairy products	farms	3 926	8	4	231	10	4	27
	$1,000	408 610	455	203	(D)	594	(D)	3 928
Cattle and calves	farms	31 130	424	290	551	357	248	411
	$1,000	1 822 299	23 997	12 683	14 882	10 591	23 572	24 846
Hogs and pigs	farms	17 516	137	60	139	21	162	233
	$1,000	3 027 440	7 033	9 580	14 833	(D)	36 564	22 895
Sheep, lambs, and wool	farms	2 958	40	12	17	24	21	45
	$1,000	27 067	(D)	(D)	30	87	101	161
Other livestock and livestock products (see text)	farms	1 484	10	5	31	17	9	9
	$1,000	23 241	203	(D)	663	101	271	(D)
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses	farms, 1997	67 253	593	383	649	429	511	926
	1992	77 122	694	486	809	448	609	1 081
	$1,000, 1997	8 268 599	58 492	34 229	53 483	18 715	86 021	111 136
	1992	7 621 529	56 762	30 941	69 765	20 676	74 764	120 370
1997 farm production expenses:								
Livestock and poultry purchased	farms	26 425	285	151	351	120	227	308
	$1,000	1 251 288	8 186	5 045	3 946	1 841	17 201	14 023
Feed for livestock and poultry	farms	38 325	416	302	548	306	346	454
	$1,000	1 574 248	11 474	5 054	12 845	2 499	16 355	13 234
Commercially mixed formula feeds	farms	23 094	236	140	347	135	234	243
	$1,000	850 306	6 827	2 057	4 546	1 082	6 821	6 517
Seeds, bulbs, plants, and trees	farms	61 508	553	337	578	318	476	873
	$1,000	485 782	3 315	2 364	2 433	1 221	5 054	7 468
Commercial fertilizer	farms	58 908	547	331	496	317	455	763
	$1,000	631 760	4 981	2 763	3 276	1 682	5 706	10 068
Agricultural chemicals	farms	56 056	522	306	488	294	423	802
	$1,000	517 109	4 032	2 518	2 176	1 171	5 282	9 004

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
FARMS AND LAND IN FARMS							
Land in farms ..... farms, 1997	768	647	740	923	784	822	691
1992	868	714	835	1 014	865	954	794
acres, 1997	276 573	319 639	224 607	325 147	354 075	308 849	332 740
1992	292 691	320 193	227 821	325 288	339 557	305 084	340 318
Average size of farm ..... acres, 1997	360	494	304	352	452	376	482
1992	337	448	273	321	393	320	429
Total cropland ..... farms, 1997	739	623	703	876	736	786	669
1992	808	696	787	964	811	878	759
acres, 1997	258 831	293 438	205 100	297 540	325 003	285 065	314 719
1992	272 373	296 769	209 665	300 177	313 099	279 091	322 852
Harvested cropland ..... farms, 1997	732	621	696	861	726	778	665
1992	806	691	769	942	807	854	745
acres, 1997	250 497	281 414	197 940	283 437	314 855	268 349	305 055
1992	254 114	275 611	192 045	272 284	293 227	252 332	303 457
Irrigated land ..... farms, 1997	18	4	5	4	5	4	2
1992	22	4	4	10	3	4	6
acres, 1997	993	247	(D)	(D)	(D)	91	(D)
1992	954	(D)	(D)	(D)	430	254	341
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) $1,000, 1997	127 193	119 235	100 877	136 515	209 866	130 814	139 893
1992	111 692	102 200	88 337	115 804	156 861	113 611	111 763
Average per farm ..... dollars, 1997	165 616	184 289	136 320	147 904	267 686	159 141	202 450
1992	128 677	143 138	105 793	114 205	181 342	119 089	140 759
1997 sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops ..... farms	718	617	678	823	716	763	659
$1,000	76 812	85 276	55 632	78 797	91 073	73 527	89 118
Grains ..... farms	699	604	668	818	711	755	657
$1,000	71 790	83 680	54 919	77 619	90 194	72 950	88 880
Corn for grain ..... farms	648	581	625	700	665	697	610
$1,000	38 319	45 842	31 617	44 327	46 281	39 691	46 074
Wheat ..... farms	–	2	2	8	–	4	1
$1,000	–	(D)	(D)	(D)	–	(D)	(D)
Soybeans ..... farms	661	584	605	747	701	720	637
$1,000	33 385	37 588	23 214	33 014	43 776	33 025	42 580
Sorghum for grain ..... farms	–	3	–	–	–	–	–
$1,000	–	(D)	–	–	–	–	–
Barley ..... farms	–	–	–	3	1	–	–
$1,000	–	–	–	(D)	(D)	–	–
Oats ..... farms	45	33	54	102	56	87	34
$1,000	(D)	(D)	(D)	160	(D)	(D)	(D)
Other grains ..... farms	2	6	–	7	5	3	3
$1,000	(D)	117	–	(D)	(D)	(D)	151
Cotton and cottonseed ..... farms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Tobacco ..... farms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms	101	95	111	153	73	100	62
$1,000	573	408	548	914	334	(D)	207
Vegetables, sweet corn, and melons ..... farms	13	3	2	9	4	12	1
$1,000	211	45	(D)	242	(D)	(D)	(D)
Fruits, nuts, and berries ..... farms	6	1	–	2	–	–	–
$1,000	(D)	(D)	–	(D)	–	–	–
Nursery and greenhouse crops ..... farms	14	4	4	1	3	–	2
$1,000	4 084	(D)	(D)	(D)	(D)	–	(D)
Other crops ..... farms	2	–	–	1	–	–	–
$1,000	(D)	–	–	(D)	–	–	–
Livestock, poultry, and their products ..... farms	376	262	438	573	428	494	298
$1,000	50 381	33 959	45 246	57 718	118 793	57 287	50 775
Poultry and poultry products ..... farms	11	8	14	25	27	22	6
$1,000	3 534	(D)	(D)	887	25 793	2 390	1 887
Dairy products ..... farms	30	3	105	136	3	41	–
$1,000	(D)	(D)	10 696	(D)	(D)	3 405	–
Cattle and calves ..... farms	222	168	335	411	179	308	167
$1,000	7 948	9 576	11 212	11 914	19 619	12 081	17 059
Hogs and pigs ..... farms	202	105	163	310	284	254	159
$1,000	35 562	22 388	21 877	38 464	72 061	37 459	31 670
Sheep, lambs, and wool ..... farms	28	29	27	35	36	59	33
$1,000	288	78	142	(D)	523	(D)	129
Other livestock and livestock products (see text) ..... farms	11	15	16	52	11	26	10
$1,000	(D)	193	(D)	362	(D)	(D)	30
FARM PRODUCTION EXPENSES[1]							
Total farm production expenses ..... farms, 1997	767	646	743	917	781	822	693
1992	868	710	836	1 017	869	948	795
$1,000, 1997	88 665	76 772	66 795	98 254	139 139	91 316	90 691
1992	89 009	68 605	68 170	91 749	114 894	86 787	76 686
1997 farm production expenses:							
Livestock and poultry purchased ..... farms	241	183	347	435	303	412	172
$1,000	9 347	8 609	7 161	11 235	30 443	13 903	15 680
Feed for livestock and poultry ..... farms	345	271	434	494	412	513	225
$1,000	15 779	9 700	8 852	16 248	39 324	13 747	13 276
Commercially mixed formula feeds ..... farms	252	156	296	319	288	306	128
$1,000	8 901	4 497	4 812	8 195	26 111	8 751	6 846
Seeds, bulbs, plants, and trees ..... farms	721	598	662	809	698	760	669
$1,000	5 527	6 351	4 397	6 187	6 210	6 124	6 059
Commercial fertilizer ..... farms	698	564	660	787	693	723	650
$1,000	6 957	7 185	5 924	7 965	7 792	7 737	8 979
Agricultural chemicals ..... farms	642	555	639	786	668	691	621
$1,000	6 547	6 443	5 057	7 246	6 792	7 076	6 443

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
FARMS AND LAND IN FARMS							
Land in farms ..... farms, 1997	968	608	733	611	775	721	379
1992	1 088	756	899	698	881	784	436
acres, 1997	345 949	313 141	309 891	290 212	323 440	259 267	185 690
1992	355 872	338 807	327 856	305 042	331 299	260 607	207 343
Average size of farm ..... acres, 1997	357	515	423	475	417	360	490
1992	327	448	365	437	376	332	476
Total cropland ..... farms, 1997	907	592	712	592	733	693	369
1992	1 008	725	853	675	834	740	426
acres, 1997	320 841	276 868	284 378	274 396	283 642	235 541	133 111
1992	329 446	298 955	297 242	288 810	295 887	237 121	154 468
Harvested cropland ..... farms, 1997	895	581	704	587	725	684	361
1992	995	712	836	660	828	729	420
acres, 1997	301 871	235 179	263 022	262 184	263 983	221 275	77 048
1992	299 127	241 742	266 805	264 223	260 989	212 928	86 047
Irrigated land ..... farms, 1997	7	1	6	8	–	6	5
1992	3	1	4	5	4	9	–
acres, 1997	575	(D)	(D)	(D)	–	613	383
1992	(D)	(D)	12	(D)	(D)	(D)	–
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) $1,000, 1997	220 996	93 394	127 919	120 076	145 465	121 511	37 654
1992	195 555	95 721	117 115	90 889	127 485	99 227	26 919
Average per farm ..... dollars, 1997	228 302	153 609	174 515	196 523	187 697	168 531	99 352
1992	179 738	126 615	130 273	130 213	144 705	126 565	61 742
1997 sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops ..... farms	877	562	677	575	707	655	302
$1,000	77 505	52 748	79 303	81 068	71 094	56 543	12 775
Grains ..... farms	871	553	658	559	703	643	286
$1,000	76 365	52 039	77 059	76 044	70 394	55 770	11 779
Corn for grain ..... farms	786	497	615	517	629	575	207
$1,000	38 439	27 441	41 469	43 084	33 182	30 221	5 331
Wheat ..... farms	3	3	13	1	4	3	5
$1,000	(D)	(D)	(D)	(D)	(D)	6	(D)
Soybeans ..... farms	836	528	615	532	674	592	248
$1,000	37 598	24 410	35 387	32 870	37 073	25 430	6 397
Sorghum for grain ..... farms	1	–	–	–	–	–	–
$1,000	(D)	–	–	–	–	–	–
Barley ..... farms	–	–	1	–	–	2	–
$1,000	–	–	(D)	–	–	(D)	–
Oats ..... farms	92	38	87	40	49	55	17
$1,000	(D)	(D)	158	(D)	76	(D)	(D)
Other grains ..... farms	1	3	–	1	3	2	–
$1,000	(D)	117	–	(D)	(D)	(D)	–
Cotton and cottonseed ..... farms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Tobacco ..... farms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms	164	116	142	59	114	99	90
$1,000	1 068	626	646	(D)	656	699	977
Vegetables, sweet corn, and melons ..... farms	3	3	7	6	–	1	1
$1,000	(D)	(D)	(D)	754	–	(D)	(D)
Fruits, nuts, and berries ..... farms	1	1	6	–	1	2	–
$1,000	(D)	(D)	66	–	(D)	(D)	–
Nursery and greenhouse crops ..... farms	3	1	13	12	2	3	2
$1,000	(D)	(D)	1 481	3 561	(D)	41	(D)
Other crops ..... farms	1	3	1	2	–	1	–
$1,000	(D)	(D)	(D)	(D)	–	(D)	–
Livestock, poultry, and their products ..... farms	585	393	452	258	491	465	324
$1,000	143 490	40 647	48 616	39 008	74 371	64 968	24 879
Poultry and poultry products ..... farms	6	4	6	5	7	11	5
$1,000	(D)	(D)	4	2 986	(D)	(D)	5
Dairy products ..... farms	6	6	21	12	17	98	9
$1,000	406	507	1 613	1 325	(D)	10 812	386
Cattle and calves ..... farms	365	363	315	122	344	366	312
$1,000	64 834	25 029	14 466	4 306	28 111	23 615	9 572
Hogs and pigs ..... farms	365	125	206	148	254	186	52
$1,000	77 833	12 153	32 241	30 228	41 692	29 164	14 589
Sheep, lambs, and wool ..... farms	32	25	46	25	28	21	30
$1,000	286	127	181	69	156	(D)	188
Other livestock and livestock products (see text) ..... farms	8	6	12	15	25	17	13
$1,000	(D)	(D)	110	95	(D)	1 093	139
FARM PRODUCTION EXPENSES[1]							
Total farm production expenses ..... farms, 1997	966	605	735	615	776	727	378
1992	1 089	758	903	693	878	783	436
$1,000, 1997	162 627	68 350	88 836	84 439	101 609	87 224	32 172
1992	147 365	72 301	96 716	72 926	92 980	80 089	20 772
1997 farm production expenses:							
Livestock and poultry purchased ..... farms	441	234	298	163	350	304	155
$1,000	47 046	13 776	10 878	6 920	19 353	14 656	3 609
Feed for livestock and poultry ..... farms	557	350	361	225	502	440	297
$1,000	35 937	8 059	11 374	11 368	18 139	14 789	8 902
Commercially mixed formula feeds ..... farms	317	234	254	154	219	249	178
$1,000	11 093	4 501	6 337	7 796	6 575	5 923	7 341
Seeds, bulbs, plants, and trees ..... farms	894	566	707	591	741	643	342
$1,000	6 819	4 251	6 306	6 561	5 331	5 132	1 334
Commercial fertilizer ..... farms	864	541	673	558	695	608	321
$1,000	8 011	5 008	7 481	7 996	6 875	6 521	1 362
Agricultural chemicals ..... farms	802	510	651	512	667	587	317
$1,000	7 455	4 822	6 659	6 093	5 992	5 575	1 236

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
FARMS AND LAND IN FARMS							
Land in farms ..... farms, 1997	550	1 160	949	855	607	504	383
1992	680	1 299	1 136	1 025	635	543	415
acres, 1997	277 925	395 900	344 468	415 295	308 131	219 296	213 896
1992	309 891	420 233	356 370	400 002	296 812	230 070	223 792
Average size of farm ..... acres, 1997	505	341	363	486	508	435	558
1992	456	324	314	390	467	424	539
Total cropland ..... farms, 1997	528	1 116	918	814	590	479	369
1992	642	1 241	1 081	969	610	520	398
acres, 1997	258 716	309 026	313 073	363 942	279 105	160 616	142 716
1992	284 618	316 614	323 305	353 610	269 816	167 441	150 796
Harvested cropland ..... farms, 1997	525	1 088	900	798	579	468	347
1992	635	1 203	1 041	941	601	500	371
acres, 1997	244 033	268 010	288 821	323 459	260 692	103 756	83 667
1992	260 783	258 762	281 772	289 149	244 317	103 003	79 394
Irrigated land ..... farms, 1997	8	5	4	5	15	4	2
1992	10	7	7	1	6	4	4
acres, 1997	(D)	(D)	(D)	184	(D)	(D)	(D)
1992	758	(D)	67	(D)	170	(D)	(D)
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) $1,000, 1997	120 272	170 208	147 508	142 146	116 772	54 647	53 365
1992	104 716	154 465	134 627	123 293	86 228	38 539	40 279
Average per farm ..... dollars, 1997	218 676	146 731	155 436	166 252	192 375	108 426	139 334
1992	153 993	118 911	118 510	120 285	135 792	70 974	97 058
1997 sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops ..... farms	522	923	862	769	570	371	277
$1,000	67 968	53 306	85 521	80 293	76 955	18 136	14 081
Grains ..... farms	516	872	851	762	547	345	254
$1,000	67 012	50 029	84 505	79 196	72 740	17 095	12 603
Corn for grain ..... farms	478	801	800	695	507	246	189
$1,000	33 204	36 339	51 666	39 153	39 340	7 532	5 344
Wheat ..... farms	1	7	6	4	4	15	6
$1,000	(D)	42	(D)	(D)	17	(D)	23
Soybeans ..... farms	508	394	721	717	525	312	222
$1,000	33 703	13 154	32 680	39 543	33 304	9 476	(D)
Sorghum for grain ..... farms	–	1	–	1	–	–	–
$1,000	–	(D)	–	(D)	–	–	–
Barley ..... farms	–	6	–	–	–	–	–
$1,000	–	(D)	–	–	–	–	–
Oats ..... farms	27	226	101	62	24	17	15
$1,000	(D)	464	143	103	79	30	(D)
Other grains ..... farms	1	–	2	13	–	2	4
$1,000	(D)	–	(D)	374	–	(D)	32
Cotton and cottonseed ..... farms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Tobacco ..... farms	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms	78	280	154	169	106	120	107
$1,000	426	2 595	869	904	644	887	1 375
Vegetables, sweet corn, and melons ..... farms	3	–	5	3	12	3	2
$1,000	5	–	37	(D)	187	(D)	(D)
Fruits, nuts, and berries ..... farms	1	9	6	–	1	2	2
$1,000	(D)	(D)	27	–	(D)	(D)	(D)
Nursery and greenhouse crops ..... farms	3	10	3	2	18	6	1
$1,000	(D)	529	83	(D)	(D)	133	(D)
Other crops ..... farms	–	1	–	–	–	1	–
$1,000	–	(D)	–	–	–	(D)	–
Livestock, poultry, and their products ..... farms	277	948	589	608	272	434	324
$1,000	52 304	116 902	61 987	61 853	39 817	36 511	39 284
Poultry and poultry products ..... farms	11	17	13	6	17	17	8
$1,000	16 649	11 264	(D)	(D)	(D)	(D)	(D)
Dairy products ..... farms	2	419	41	14	4	66	6
$1,000	(D)	40 768	3 778	1 041	(D)	(D)	459
Cattle and calves ..... farms	153	806	455	526	196	408	309
$1,000	10 160	19 831	39 202	30 511	11 291	11 413	31 056
Hogs and pigs ..... farms	141	358	256	230	78	91	37
$1,000	24 870	44 579	18 399	29 733	11 546	21 300	(D)
Sheep, lambs, and wool ..... farms	30	38	37	25	24	45	19
$1,000	414	101	(D)	350	46	646	(D)
Other livestock and livestock products (see text) ..... farms	7	32	21	15	23	46	22
$1,000	(D)	359	270	(D)	434	118	140
FARM PRODUCTION EXPENSES[1]							
Total farm production expenses ..... farms, 1997	546	1 158	948	861	610	502	380
1992	680	1 299	1 142	1 030	637	547	410
$1,000, 1997	77 506	120 591	110 586	105 330	69 867	42 381	37 930
1992	76 305	114 861	111 371	98 382	56 029	28 385	31 958
1997 farm production expenses:							
Livestock and poultry purchased ..... farms	171	549	454	402	164	291	120
$1,000	10 609	10 904	20 003	20 678	6 717	5 096	6 293
Feed for livestock and poultry ..... farms	277	890	584	570	292	408	267
$1,000	12 538	30 467	13 911	14 136	7 738	14 048	12 646
Commercially mixed formula feeds ..... farms	147	703	282	346	166	312	125
$1,000	6 238	17 621	5 711	6 819	4 404	9 898	1 851
Seeds, bulbs, plants, and trees ..... farms	525	1 037	895	772	566	402	283
$1,000	5 127	6 297	7 016	6 307	4 963	1 329	1 141
Commercial fertilizer ..... farms	515	955	825	752	502	394	308
$1,000	6 583	7 372	9 769	8 891	5 991	2 325	1 735
Agricultural chemicals ..... farms	474	945	852	726	503	375	234
$1,000	4 732	5 527	7 125	7 497	5 001	1 589	1 080

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item		Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
FARMS AND LAND IN FARMS									
Land in farms	farms, 1997	1 070	434	382	1 200	408	1 017	657	721
	1992	1 205	484	456	1 376	473	1 213	730	827
	acres, 1997	311 126	176 107	191 156	304 129	212 116	384 493	289 470	336 552
	1992	327 220	181 878	197 577	324 872	217 924	386 819	280 767	340 335
Average size of farm	acres, 1997	291	406	500	253	520	378	441	467
	1992	272	376	433	236	461	319	385	412
Total cropland	farms, 1997	1 041	422	376	1 145	391	977	636	693
	1992	1 124	463	436	1 300	455	1 142	683	773
	acres, 1997	280 209	149 407	175 477	242 338	199 675	334 279	268 317	311 514
	1992	291 109	155 916	181 424	265 049	204 722	337 660	257 673	318 825
Harvested cropland	farms, 1997	1 023	418	372	1 120	390	958	632	689
	1992	1 096	461	431	1 272	450	1 107	674	761
	acres, 1997	258 331	138 186	165 163	210 070	187 342	314 921	256 313	299 203
	1992	257 115	137 366	162 714	220 129	186 731	298 377	233 824	293 878
Irrigated land	farms, 1997	4	12	3	4	2	9	11	1
	1992	8	11	3	10	2	9	7	5
	acres, 1997	(D)	(D)	(D)	(D)	(D)	731	(D)	(D)
	1992	(D)	801	(D)	160	(D)	445	920	174
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text)	$1,000, 1997	195 323	69 083	72 571	170 626	91 126	180 370	113 077	179 870
	1992	178 290	50 722	71 270	183 840	64 575	150 837	91 709	117 740
Average per farm	dollars, 1997	182 545	159 177	189 976	142 189	223 348	177 355	172 112	249 473
	1992	147 958	104 797	156 293	133 605	136 521	124 350	125 629	142 370
1997 sales by commodity or commodity group:									
Crops, including nursery and greenhouse crops	farms	866	414	366	768	388	900	616	683
	$1,000	51 343	43 043	41 447	30 540	53 821	76 475	76 776	86 374
Grains	farms	847	404	359	709	385	885	608	676
	$1,000	49 445	42 186	40 533	26 497	53 512	74 999	72 584	85 539
Corn for grain	farms	729	364	327	638	367	822	567	651
	$1,000	30 225	22 565	20 401	19 979	29 611	44 256	40 431	48 499
Wheat	farms	6	31	–	5	1	4	3	3
	$1,000	23	94	–	8	(D)	10	13	(D)
Soybeans	farms	615	376	351	262	374	730	575	643
	$1,000	18 949	19 460	20 098	6 174	23 879	30 471	31 977	36 925
Sorghum for grain	farms	–	–	–	–	–	1	–	–
	$1,000	–	–	–	–	–	(D)	–	–
Barley	farms	3	–	–	5	–	3	–	–
	$1,000	(D)	–	–	(D)	–	(D)	–	–
Oats	farms	127	19	16	157	15	132	55	29
	$1,000	232	(D)	(D)	(D)	(D)	225	163	(D)
Other grains	farms	2	3	1	7	–	6	–	1
	$1,000	(D)	(D)	(D)	28	–	(D)	–	(D)
Cotton and cottonseed	farms	–	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–	–
Tobacco	farms	–	–	–	–	–	–	–	–
	$1,000	–	–	–	–	–	–	–	–
Hay, silage, and field seeds	farms	186	75	51	294	32	169	80	70
	$1,000	1 474	537	820	3 580	(D)	1 149	467	236
Vegetables, sweet corn, and melons	farms	2	4	1	6	–	6	–	21
	$1,000	(D)	(D)	(D)	29	–	114	–	428
Fruits, nuts, and berries	farms	1	2	1	9	–	2	1	5
	$1,000	(D)	(D)	(D)	34	–	(D)	(D)	104
Nursery and greenhouse crops	farms	6	6	2	14	1	2	3	5
	$1,000	(D)	239	(D)	362	(D)	(D)	(D)	67
Other crops	farms	–	–	1	3	–	–	–	–
	$1,000	–	–	(D)	39	–	–	–	–
Livestock, poultry, and their products	farms	860	218	178	1 054	188	721	327	335
	$1,000	143 980	26 040	31 124	140 086	37 305	103 894	36 302	93 495
Poultry and poultry products	farms	11	2	4	14	4	11	11	11
	$1,000	(D)	(D)	(D)	168	(D)	(D)	(D)	(D)
Dairy products	farms	318	8	6	424	–	214	26	16
	$1,000	35 312	1 080	700	(D)	–	(D)	1 795	469
Cattle and calves	farms	641	167	122	916	126	556	212	181
	$1,000	30 355	5 561	21 144	41 493	13 397	19 357	7 736	9 335
Hogs and pigs	farms	528	67	87	400	79	301	157	191
	$1,000	77 641	19 267	9 089	45 459	17 230	56 909	24 553	37 280
Sheep, lambs, and wool	farms	26	19	23	20	11	42	17	28
	$1,000	(D)	(D)	103	(D)	73	518	(D)	222
Other livestock and livestock products (see text)	farms	13	13	7	19	3	17	10	9
	$1,000	90	84	(D)	157	(D)	217	60	(D)
FARM PRODUCTION EXPENSES[1]									
Total farm production expenses	farms, 1997	1 071	440	382	1 201	411	1 018	658	727
	1992	1 209	481	456	1 376	474	1 213	727	824
	$1,000, 1997	136 772	48 203	55 106	124 953	57 411	124 903	82 996	138 102
	1992	140 442	35 395	55 309	137 823	44 913	116 802	68 994	93 276
1997 farm production expenses:									
Livestock and poultry purchased	farms	619	150	137	643	145	452	228	275
	$1,000	19 481	6 313	12 201	19 696	11 171	17 352	7 616	18 735
Feed for livestock and poultry	farms	816	204	169	1 028	192	618	314	369
	$1,000	35 477	7 265	8 937	33 175	9 955	23 646	6 768	47 235
Commercially mixed formula feeds	farms	524	125	120	626	150	410	158	193
	$1,000	13 211	2 623	3 169	14 544	6 184	14 008	2 500	37 160
Seeds, bulbs, plants, and trees	farms	1 013	423	351	1 049	379	936	607	692
	$1,000	5 578	3 433	3 362	4 456	3 477	6 873	5 986	6 546
Commercial fertilizer	farms	941	397	341	1 015	374	942	576	660
	$1,000	8 818	5 148	4 428	6 807	5 149	10 269	7 973	9 357
Agricultural chemicals	farms	916	376	287	932	331	854	536	600
	$1,000	5 746	3 041	3 167	3 360	3 201	7 642	6 382	7 498

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
FARMS AND LAND IN FARMS								
Land in farms ..... farms, 1997	446	636	651	563	679	716	707	673
1992	502	724	760	728	771	842	839	747
acres, 1997	307 075	336 998	318 022	277 862	343 698	327 300	333 971	376 874
1992	294 120	358 696	314 916	308 121	328 634	325 360	325 932	386 535
Average size of farm ..... acres, 1997	689	530	489	494	506	457	472	560
1992	586	495	414	423	426	386	388	517
Total cropland ..... farms, 1997	440	618	629	540	651	694	666	649
1992	487	692	709	683	732	799	792	716
acres, 1997	261 510	313 644	297 316	226 560	326 293	311 688	311 189	332 221
1992	265 066	332 465	297 197	259 504	311 286	309 914	300 290	335 557
Harvested cropland ..... farms, 1997	434	611	625	527	641	689	662	634
1992	478	686	703	662	717	791	773	703
acres, 1997	231 536	296 127	288 475	191 645	316 376	302 979	298 091	299 914
1992	228 762	304 563	280 224	203 644	289 453	288 475	278 668	291 534
Irrigated land ..... farms, 1997	12	6	3	2	4	8	4	57
1992	13	3	1	7	2	6	8	68
acres, 1997	(D)	(D)	(D)	(D)	(D)	480	(D)	(D)
1992	2 076	(D)	(D)	664	(D)	(D)	(D)	17 289
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) $1,000, 1997	87 824	121 817	148 794	94 883	226 890	140 265	201 400	112 431
1992	82 200	104 249	127 887	83 432	142 064	108 235	143 181	99 930
Average per farm ..... dollars, 1997	196 915	191 537	228 563	168 532	334 153	195 901	284 866	167 060
1992	163 745	143 991	168 273	114 605	184 260	128 545	170 657	133 775
1997 sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms	426	603	612	502	633	683	651	621
$1,000	65 361	86 963	91 656	44 066	95 722	85 937	86 656	81 369
Grains ..... farms	418	597	609	492	627	678	639	613
$1,000	62 484	86 496	91 186	43 520	95 372	85 486	85 126	80 231
Corn for grain ..... farms	384	578	566	443	597	650	602	579
$1,000	32 744	45 761	49 412	22 512	53 280	49 847	47 444	42 858
Wheat ..... farms	12	1	4	2	–	–	–	11
$1,000	(D)	(D)	20	(D)	–	–	–	(D)
Soybeans ..... farms	408	587	591	468	603	656	606	588
$1,000	29 624	40 647	41 628	20 902	42 040	35 579	37 633	36 815
Sorghum for grain ..... farms	–	–	1	–	2	–	–	1
$1,000	–	–	(D)	–	(D)	–	–	(D)
Barley ..... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Oats ..... farms	5	28	41	57	25	38	24	14
$1,000	(D)	44	(D)	(D)	(D)	(D)	(D)	(D)
Other grains ..... farms	3	3	3	–	–	1	1	14
$1,000	(D)	(D)	(D)	–	–	(D)	(D)	(D)
Cotton and cottonseed ..... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Tobacco ..... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms	75	89	92	84	70	80	66	103
$1,000	(D)	467	349	516	281	418	(D)	777
Vegetables, sweet corn, and melons ..... farms	7	–	8	1	3	5	16	9
$1,000	(D)	–	(D)	(D)	(D)	6	553	(D)
Fruits, nuts, and berries ..... farms	3	–	1	–	1	2	1	3
$1,000	168	–	(D)	–	(D)	(D)	(D)	(D)
Nursery and greenhouse crops ..... farms	6	–	3	1	3	2	6	5
$1,000	2 324	–	(D)	(D)	33	(D)	589	(D)
Other crops ..... farms	–	–	1	1	–	–	–	–
$1,000	–	–	(D)	(D)	–	–	–	–
Livestock, poultry, and their products ..... farms	218	277	331	395	273	316	362	352
$1,000	22 463	34 854	57 139	50 817	131 167	54 329	114 745	31 063
Poultry and poultry products ..... farms	–	3	15	4	25	6	11	4
$1,000	–	(D)	1 963	(D)	19 676	(D)	(D)	(D)
Dairy products ..... farms	2	2	11	7	5	6	5	5
$1,000	(D)	(D)	1 372	680	803	595	305	126
Cattle and calves ..... farms	192	199	190	345	96	162	197	315
$1,000	17 306	12 508	18 314	16 529	4 000	7 614	9 802	15 525
Hogs and pigs ..... farms	57	124	184	115	166	193	209	81
$1,000	4 983	22 187	35 100	15 736	106 124	36 230	88 452	15 337
Sheep, lambs, and wool ..... farms	9	23	30	24	31	20	27	4
$1,000	54	84	213	77	94	168	(D)	26
Other livestock and livestock products (see text) ..... farms	11	6	15	7	15	9	20	6
$1,000	(D)	61	176	(D)	471	(D)	1 004	(D)
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses ..... farms, 1997	445	637	653	560	677	716	704	677
1992	503	725	760	721	772	840	835	747
$1,000, 1997	54 612	75 184	102 794	69 207	157 816	97 625	149 231	72 132
1992	55 347	67 805	100 095	61 858	108 378	84 731	109 544	70 121
1997 farm production expenses:								
Livestock and poultry purchased ..... farms	104	191	221	247	208	213	257	152
$1,000	9 977	10 744	12 056	7 586	25 043	9 969	20 878	7 518
Feed for livestock and poultry ..... farms	196	256	315	377	262	262	423	267
$1,000	3 453	7 617	16 737	16 015	51 219	18 043	47 704	7 647
Commercially mixed formula feeds ..... farms	110	185	212	168	209	138	253	125
$1,000	1 251	3 516	9 217	1 898	38 847	12 272	35 699	4 010
Seeds, bulbs, plants, and trees ..... farms	423	607	648	507	627	693	629	623
$1,000	4 483	6 093	5 904	3 499	6 438	6 725	6 257	5 822
Commercial fertilizer ..... farms	387	597	605	498	608	683	608	615
$1,000	4 957	8 174	8 116	4 545	7 769	8 585	7 240	7 904
Agricultural chemicals ..... farms	382	569	597	474	564	602	582	535
$1,000	5 612	6 289	8 497	4 051	7 484	6 467	6 711	5 972

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
FARMS AND LAND IN FARMS								
Land in farms ..... farms, 1997	530	651	536	532	655	848	883	456
1992	569	715	615	658	760	997	1 013	505
acres, 1997	218 024	251 549	255 252	248 051	300 224	290 670	399 965	193 562
1992	208 982	246 964	278 976	270 552	301 111	313 889	414 483	205 595
Average size of farm ..... acres, 1997	411	386	476	466	458	343	453	424
1992	367	345	454	411	396	315	409	407
Total cropland ..... farms, 1997	511	631	515	505	630	810	845	439
1992	548	672	586	618	730	922	956	486
acres, 1997	188 779	229 635	244 450	228 442	250 273	209 285	351 923	159 651
1992	179 883	223 652	264 131	246 509	259 233	223 695	360 623	172 961
Harvested cropland ..... farms, 1997	501	627	514	498	624	780	835	422
1992	539	660	581	605	711	888	946	476
acres, 1997	163 367	215 388	238 684	205 492	210 696	162 107	316 442	135 488
1992	154 270	195 628	247 991	212 685	203 438	164 377	303 168	138 075
Irrigated land ..... farms, 1997	1	2	1	–	4	6	5	3
1992	2	5	2	1	2	10	9	3
acres, 1997	(D)	(D)	(D)	–	22	235	(D)	(D)
1992	(D)	172	(D)	(D)	(D)	217	780	(D)
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) $1,000, 1997	76 288	94 653	100 314	95 360	104 171	95 323	152 930	56 799
1992	64 196	73 106	90 938	88 079	94 677	102 211	134 320	52 021
Average per farm ..... dollars, 1997	143 939	145 396	187 154	179 248	159 040	112 409	173 194	124 558
1992	112 822	102 246	147 867	133 859	124 575	102 519	132 596	103 012
1997 sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms	481	594	512	488	592	624	810	405
$1,000	45 933	54 807	72 465	55 229	53 270	26 356	88 744	34 735
Grains ..... farms	473	588	509	484	581	584	797	396
$1,000	45 215	52 874	72 176	54 317	52 107	24 209	86 994	33 938
Corn for grain ..... farms	430	514	489	454	525	535	739	333
$1,000	24 023	26 986	39 368	28 295	29 529	18 245	46 141	16 816
Wheat ..... farms	14	4	–	–	7	12	1	22
$1,000	97	(D)	–	–	67	44	(D)	101
Soybeans ..... farms	440	541	493	458	548	252	753	371
$1,000	21 043	25 693	32 760	25 828	22 299	5 549	40 631	16 918
Sorghum for grain ..... farms	–	1	–	1	1	–	–	–
$1,000	–	(D)	–	(D)	(D)	–	–	–
Barley ..... farms	–	–	–	6	–	1	–	–
$1,000	–	–	–	(D)	–	(D)	–	–
Oats ..... farms	31	60	20	33	88	161	94	38
$1,000	52	(D)	(D)	56	209	(D)	(D)	(D)
Other grains ..... farms	–	3	1	1	3	5	–	1
$1,000	–	42	(D)	(D)	(D)	8	–	(D)
Cotton and cottonseed ..... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Tobacco ..... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms	84	105	42	99	139	238	161	87
$1,000	482	687	163	725	1 051	2 058	1 331	670
Vegetables, sweet corn, and melons ..... farms	2	3	3	1	5	6	4	5
$1,000	(D)	(D)	(D)	(D)	69	(D)	(D)	(D)
Fruits, nuts, and berries ..... farms	2	–	–	1	1	5	5	2
$1,000	(D)	–	–	(D)	(D)	(D)	(D)	(D)
Nursery and greenhouse crops ..... farms	5	2	2	2	2	2	6	6
$1,000	205	(D)	(D)	(D)	(D)	(D)	306	113
Other crops ..... farms	1	–	–	–	–	2	–	–
$1,000	(D)	–	–	–	–	(D)	–	–
Livestock, poultry, and their products ..... farms	321	415	185	331	470	739	574	308
$1,000	30 355	39 846	27 850	40 131	50 901	68 966	64 186	22 064
Poultry and poultry products ..... farms	21	12	11	6	9	13	13	3
$1,000	6 376	12	(D)	(D)	579	(D)	137	(D)
Dairy products ..... farms	7	106	7	2	23	133	18	12
$1,000	765	7 989	512	(D)	(D)	(D)	1 468	895
Cattle and calves ..... farms	222	322	91	260	362	672	443	258
$1,000	5 330	11 577	7 846	19 477	20 087	35 360	23 822	5 915
Hogs and pigs ..... farms	121	189	110	151	205	221	222	122
$1,000	16 990	20 029	17 423	19 960	28 167	18 138	38 430	13 944
Sheep, lambs, and wool ..... farms	32	15	17	16	27	29	49	28
$1,000	105	79	337	155	192	158	165	1 240
Other livestock and livestock products (see text) ..... farms	13	29	2	6	14	22	24	9
$1,000	788	160	(D)	61	(D)	244	165	(D)
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses ..... farms, 1997	531	649	536	530	655	852	877	465
1992	570	716	636	655	757	994	1 009	502
$1,000, 1997	54 383	66 315	62 904	63 741	69 856	72 306	95 430	34 716
1992	46 443	61 193	61 209	65 924	75 685	92 082	96 773	36 325
1997 farm production expenses:								
Livestock and poultry purchased ..... farms	207	268	108	200	260	464	305	171
$1,000	4 021	7 413	8 348	11 697	8 494	14 387	11 328	4 278
Feed for livestock and poultry ..... farms	291	400	122	257	459	650	500	279
$1,000	8 849	9 610	6 916	7 278	12 019	14 370	15 744	5 418
Commercially mixed formula feeds ..... farms	203	223	75	155	252	371	276	166
$1,000	6 156	3 358	3 545	3 089	4 869	8 302	8 553	2 926
Seeds, bulbs, plants, and trees ..... farms	484	611	519	475	607	726	810	380
$1,000	4 113	5 084	4 615	3 699	4 424	3 334	6 849	2 426
Commercial fertilizer ..... farms	482	599	508	474	585	716	809	361
$1,000	5 098	5 974	6 620	5 539	6 133	5 973	8 380	2 805
Agricultural chemicals ..... farms	453	553	468	448	567	689	780	336
$1,000	4 428	5 185	5 106	4 950	5 100	3 090	7 368	2 507

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
FARMS AND LAND IN FARMS								
Land in farms ..... farms, 1997	807	790	631	1 280	519	897	404	362
1992	900	913	722	1 484	596	1 023	437	362
acres, 1997	258 370	304 200	288 575	575 240	225 820	305 972	182 914	183 211
1992	264 124	310 538	298 653	609 414	238 577	320 846	182 793	182 309
Average size of farm ..... acres, 1997	320	385	457	449	435	341	453	506
1992	293	340	414	411	400	314	418	504
Total cropland ..... farms, 1997	786	758	606	1 241	499	870	392	346
1992	861	842	680	1 432	570	979	424	340
acres, 1997	229 943	257 130	241 867	544 841	175 325	273 971	160 402	131 290
1992	235 877	264 127	253 057	577 410	192 594	286 419	159 571	133 445
Harvested cropland ..... farms, 1997	773	735	585	1 224	490	862	390	322
1992	847	826	656	1 425	566	964	418	327
acres, 1997	198 884	230 880	191 123	527 874	153 130	252 112	145 667	71 238
1992	197 293	221 506	192 195	536 253	160 399	252 193	140 217	70 474
Irrigated land ..... farms, 1997	14	2	–	8	11	18	30	1
1992	10	4	–	5	11	24	17	–
acres, 1997	762	(D)	–	614	(D)	175	4 999	(D)
1992	302	(D)	–	(D)	1 685	531	4 585	–
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) $1,000, 1997	99 273	136 277	95 994	242 408	76 443	111 907	80 879	28 314
1992	98 171	127 545	82 288	189 679	72 471	100 415	45 698	24 240
Average per farm ..... dollars, 1997	123 015	172 502	152 129	189 381	147 288	124 757	200 196	78 215
1992	109 079	139 699	113 972	127 816	121 596	98 157	104 571	66 963
1997 sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms	709	672	562	1 217	464	837	379	275
$1,000	50 306	60 373	50 796	152 605	41 467	74 314	42 191	13 237
Grains ..... farms	678	651	555	1 210	451	797	374	248
$1,000	47 746	58 643	50 085	151 816	38 492	69 420	41 075	12 080
Corn for grain ..... farms	571	599	484	1 149	404	748	344	194
$1,000	25 851	36 726	26 431	86 972	18 966	38 422	22 165	5 990
Wheat ..... farms	24	1	11	–	87	8	15	4
$1,000	183	(D)	(D)	–	(D)	(D)	(D)	27
Soybeans ..... farms	590	541	499	1 161	420	713	353	213
$1,000	21 477	21 743	23 513	64 673	19 172	30 661	18 826	5 979
Sorghum for grain ..... farms	6	–	–	–	–	–	–	–
$1,000	9	–	–	–	–	–	–	–
Barley ..... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Oats ..... farms	111	80	44	83	29	114	18	26
$1,000	216	(D)	(D)	119	(D)	263	(D)	85
Other grains ..... farms	6	–	–	5	–	4	8	–
$1,000	11	–	–	53	–	(D)	18	–
Cotton and cottonseed ..... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Tobacco ..... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms	191	162	92	83	106	180	52	102
$1,000	1 396	1 292	699	359	662	1 043	289	1 000
Vegetables, sweet corn, and melons ..... farms	16	2	3	18	7	22	6	2
$1,000	(D)	(D)	(D)	363	(D)	294	100	(D)
Fruits, nuts, and berries ..... farms	13	–	–	2	4	5	2	1
$1,000	161	–	–	(D)	(D)	(D)	(D)	(D)
Nursery and greenhouse crops ..... farms	12	7	1	2	5	27	2	2
$1,000	951	(D)	(D)	(D)	2 189	3 530	(D)	(D)
Other crops ..... farms	4	–	–	–	3	2	4	–
$1,000	(D)	–	–	–	3	(D)	(D)	–
Livestock, poultry, and their products ..... farms	551	579	432	539	371	523	198	307
$1,000	48 968	75 904	45 197	89 803	34 975	37 593	38 688	15 076
Poultry and poultry products ..... farms	51	5	10	21	5	9	5	4
$1,000	2 436	2	(D)	728	195	5	(D)	2
Dairy products ..... farms	90	62	5	24	19	50	4	11
$1,000	(D)	7 094	398	2 451	2 766	3 753	146	270
Cattle and calves ..... farms	437	461	326	282	288	415	132	292
$1,000	11 870	37 883	11 846	20 785	8 764	17 062	3 953	9 970
Hogs and pigs ..... farms	287	239	196	317	143	181	98	54
$1,000	27 947	30 585	30 717	65 048	23 068	15 395	34 336	4 246
Sheep, lambs, and wool ..... farms	75	40	38	53	31	53	15	21
$1,000	(D)	201	358	399	136	155	44	577
Other livestock and livestock products (see text) ..... farms	52	27	17	12	9	21	5	11
$1,000	776	138	(D)	393	46	1 223	(D)	11
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses ..... farms, 1997	806	784	636	1 275	521	897	403	357
1992	897	908	718	1 487	594	1 021	440	367
$1,000, 1997	70 534	98 946	69 240	161 571	54 692	75 698	52 899	19 886
1992	79 840	103 037	64 363	147 641	57 514	78 886	36 606	19 334
1997 farm production expenses:								
Livestock and poultry purchased ..... farms	416	380	292	382	242	276	120	150
$1,000	7 485	18 870	6 758	22 474	6 082	9 413	4 956	2 061
Feed for livestock and poultry ..... farms	537	501	403	454	323	466	181	262
$1,000	15 590	16 529	13 543	21 667	10 265	8 178	10 416	2 567
Commercially mixed formula feeds ..... farms	377	307	176	272	204	264	103	144
$1,000	7 873	7 344	4 431	9 625	3 756	3 752	4 586	764
Seeds, bulbs, plants, and trees ..... farms	749	701	588	1 192	463	856	380	280
$1,000	4 733	5 131	4 262	10 746	3 451	5 724	3 257	1 136
Commercial fertilizer ..... farms	699	674	540	1 142	463	841	348	309
$1,000	5 446	7 342	6 186	15 499	5 422	6 971	3 970	2 054
Agricultural chemicals ..... farms	648	684	487	1 122	446	782	318	275
$1,000	4 983	5 937	4 172	11 045	3 807	5 356	3 417	1 100

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
FARMS AND LAND IN FARMS								
Land in farms ..... farms, 1997	991	566	734	545	656	373	675	561
1992	1 088	678	840	655	764	438	708	698
acres, 1997	340 224	277 678	301 993	248 523	301 733	224 292	259 117	351 546
1992	342 905	275 031	298 231	242 984	303 165	231 615	256 530	380 560
Average size of farm ..... acres, 1997	343	491	411	456	460	601	384	627
1992	315	406	355	371	397	529	362	545
Total cropland ..... farms, 1997	914	553	704	523	635	372	635	543
1992	965	647	790	625	724	423	656	668
acres, 1997	312 036	208 198	259 894	200 035	278 740	200 336	239 929	307 326
1992	310 049	203 397	257 684	198 785	276 062	212 947	237 718	331 024
Harvested cropland ..... farms, 1997	896	543	694	516	625	366	621	530
1992	949	636	768	612	718	418	644	645
acres, 1997	292 481	157 723	228 056	166 393	258 776	180 019	229 183	275 540
1992	278 452	151 058	218 716	156 846	242 689	187 576	217 261	284 480
Irrigated land ..... farms, 1997	7	4	4	4	6	3	6	101
1992	23	7	8	8	8	4	–	108
acres, 1997	515	(D)	(D)	46	8	(D)	(D)	(D)
1992	1 251	116	(D)	(D)	(D)	664	–	37 781
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) $1,000, 1997	198 301	72 163	155 987	71 998	116 934	58 808	160 145	100 105
1992	172 893	67 966	114 904	63 919	100 777	64 426	106 196	99 066
Average per farm ..... dollars, 1997	200 102	127 497	212 516	132 106	178 253	157 662	237 252	178 440
1992	158 909	100 244	136 790	97 586	131 907	147 092	149 994	141 929
1997 sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms	875	505	670	491	609	357	595	513
$1,000	70 468	35 309	59 663	43 936	79 272	49 850	61 231	67 326
Grains ..... farms	857	487	654	473	594	351	587	502
$1,000	69 389	33 262	57 806	39 465	75 135	49 401	60 101	66 656
Corn for grain ..... farms	738	426	559	421	546	324	530	464
$1,000	32 573	16 894	29 791	19 887	38 751	25 961	33 570	35 946
Wheat ..... farms	11	4	3	6	5	14	1	6
$1,000	(D)	(D)	(D)	(D)	6	64	(D)	(D)
Soybeans ..... farms	819	458	611	444	574	346	555	462
$1,000	36 606	16 319	27 840	19 467	36 311	23 287	26 303	29 748
Sorghum for grain ..... farms	1	1	–	–	–	–	–	1
$1,000	(D)	(D)	–	–	–	–	–	(D)
Barley ..... farms	–	1	1	–	1	–	–	–
$1,000	–	(D)	(D)	–	(D)	–	–	–
Oats ..... farms	75	20	69	46	32	6	95	14
$1,000	(D)	26	(D)	(D)	(D)	(D)	(D)	(D)
Other grains ..... farms	1	–	3	–	2	2	2	19
$1,000	(D)	–	(D)	–	(D)	(D)	(D)	855
Cotton and cottonseed ..... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Tobacco ..... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms	170	138	140	125	103	65	75	76
$1,000	855	1 169	1 083	845	609	333	646	(D)
Vegetables, sweet corn, and melons ..... farms	1	2	7	4	5	3	17	2
$1,000	(D)	(D)	(D)	7	40	(D)	313	(D)
Fruits, nuts, and berries ..... farms	1	–	–	2	1	–	4	–
$1,000	(D)	–	–	(D)	(D)	–	(D)	–
Nursery and greenhouse crops ..... farms	3	8	3	5	8	3	6	–
$1,000	217	855	650	(D)	(D)	(D)	(D)	–
Other crops ..... farms	4	2	1	–	1	–	4	–
$1,000	(D)	(D)	(D)	–	(D)	–	8	–
Livestock, poultry, and their products ..... farms	700	433	520	390	339	174	453	287
$1,000	127 832	36 854	96 323	28 062	37 661	8 958	98 913	32 779
Poultry and poultry products ..... farms	16	5	3	6	4	–	30	3
$1,000	2 685	(D)	(D)	5	(D)	–	4 754	(D)
Dairy products ..... farms	57	1	21	14	7	3	74	5
$1,000	(D)	(D)	1 998	1 518	1 807	137	(D)	263
Cattle and calves ..... farms	482	411	366	330	242	146	282	234
$1,000	49 772	11 382	23 966	9 313	12 154	5 119	30 582	19 961
Hogs and pigs ..... farms	377	80	275	132	138	49	269	107
$1,000	66 031	9 032	60 052	16 511	23 326	3 585	57 113	12 470
Sheep, lambs, and wool ..... farms	46	28	41	44	47	6	24	15
$1,000	536	109	(D)	585	196	43	(D)	67
Other livestock and livestock products (see text) ..... farms	24	13	12	17	17	7	20	5
$1,000	(D)	77	355	129	(D)	75	126	(D)
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses ..... farms, 1997	999	566	738	552	657	371	676	561
1992	1 087	669	841	655	760	439	707	698
$1,000, 1997	144 907	56 101	105 663	46 663	79 143	33 563	121 663	68 491
1992	137 188	52 531	88 835	48 498	78 797	48 247	86 681	68 105
1997 farm production expenses:								
Livestock and poultry purchased ..... farms	524	214	364	145	206	111	407	213
$1,000	34 433	5 140	20 320	5 332	8 022	2 371	20 129	11 636
Feed for livestock and poultry ..... farms	675	392	516	274	285	172	434	302
$1,000	35 016	14 814	26 750	5 026	8 331	1 991	33 902	7 724
Commercially mixed formula feeds ..... farms	455	241	287	157	126	98	273	117
$1,000	20 281	12 335	12 175	1 950	2 142	519	22 014	1 900
Seeds, bulbs, plants, and trees ..... farms	864	488	681	518	615	348	595	516
$1,000	6 640	3 319	4 911	3 997	5 522	2 989	5 087	6 234
Commercial fertilizer ..... farms	816	485	655	496	594	326	547	497
$1,000	7 633	3 466	6 431	4 167	7 308	3 595	5 509	7 354
Agricultural chemicals ..... farms	783	453	646	457	597	296	549	454
$1,000	6 210	3 610	5 447	3 668	7 472	3 733	5 199	5 903

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
FARMS AND LAND IN FARMS								
Land in farms ..... farms, 1997	415	419	527	917	587	610	665	1 195
1992	428	508	596	1 042	679	741	754	1 382
acres, 1997	181 689	225 621	203 529	356 171	238 170	287 237	318 453	491 079
1992	189 376	232 250	208 049	358 269	258 812	304 877	334 384	502 320
Average size of farm ..... acres, 1997	438	538	386	388	406	471	479	411
1992	442	457	349	344	381	411	443	363
Total cropland ..... farms, 1997	399	409	513	853	548	591	644	1 122
1992	403	492	559	949	634	708	724	1 266
acres, 1997	132 411	197 521	181 497	328 927	220 843	245 148	300 944	442 382
1992	128 602	202 492	182 933	330 385	243 810	262 736	314 672	451 915
Harvested cropland ..... farms, 1997	389	402	501	849	544	578	642	1 096
1992	387	484	551	945	622	692	718	1 224
acres, 1997	77 585	169 656	168 011	313 708	213 596	201 938	287 957	407 591
1992	68 262	165 959	161 274	307 993	221 799	205 144	287 716	397 610
Irrigated land ..... farms, 1997	1	2	36	4	7	8	27	7
1992	2	4	35	5	6	9	24	11
acres, 1997	(D)	(D)	5 907	(D)	717	187	4 185	(D)
1992	(D)	32	4 366	(D)	604	1 400	(D)	(D)
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) $1,000, 1997	38 268	82 170	73 193	179 794	139 745	78 801	155 462	237 525
1992	28 560	62 892	64 666	145 767	94 376	80 968	107 450	220 190
Average per farm ..... dollars, 1997	92 213	196 109	138 887	196 068	238 066	129 182	233 778	198 766
1992	66 730	123 804	108 500	139 892	138 993	109 268	142 507	159 327
1997 sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms	342	394	481	844	536	565	638	1 076
$1,000	14 092	46 836	46 803	89 446	55 695	51 997	81 609	98 320
Grains ..... farms	314	388	473	837	534	553	634	1 068
$1,000	12 937	41 247	44 117	88 616	55 107	48 584	81 130	97 267
Corn for grain ..... farms	248	355	433	770	497	483	605	946
$1,000	6 355	20 451	23 912	42 728	27 099	23 231	44 152	46 401
Wheat ..... farms	7	3	13	2	2	14	–	1
$1,000	(D)	(D)	(D)	(D)	(D)	46	–	(D)
Soybeans ..... farms	270	377	433	821	522	531	615	1 014
$1,000	6 482	20 710	20 051	45 798	27 895	(D)	36 885	50 616
Sorghum for grain ..... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Barley ..... farms	–	–	1	3	1	–	–	1
$1,000	–	–	(D)	6	(D)	–	–	(D)
Oats ..... farms	18	15	55	47	39	14	34	90
$1,000	77	(D)	88	71	71	(D)	(D)	(D)
Other grains ..... farms	2	2	8	1	2	4	1	5
$1,000	(D)	(D)	(D)	(D)	(D)	65	(D)	(D)
Cotton and cottonseed ..... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Tobacco ..... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms	125	88	113	115	74	133	49	149
$1,000	1 136	569	636	657	(D)	777	314	937
Vegetables, sweet corn, and melons ..... farms	1	1	21	4	–	3	5	3
$1,000	(D)	(D)	925	(D)	–	(D)	(D)	(D)
Fruits, nuts, and berries ..... farms	1	–	3	1	–	–	–	2
$1,000	(D)	–	(D)	(D)	–	–	–	(D)
Nursery and greenhouse crops ..... farms	2	4	6	3	1	7	3	2
$1,000	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other crops ..... farms	–	–	5	2	–	–	–	–
$1,000	–	–	(D)	(D)	–	–	–	–
Livestock, poultry, and their products ..... farms	334	265	305	493	288	421	283	831
$1,000	24 177	35 334	26 390	90 348	84 050	26 804	73 854	139 205
Poultry and poultry products ..... farms	2	6	11	15	10	5	9	16
$1,000	(D)	(D)	(D)	4 839	11 580	(D)	11 298	310
Dairy products ..... farms	8	3	15	17	22	3	10	30
$1,000	1 305	378	1 800	1 361	3 135	(D)	650	3 278
Cattle and calves ..... farms	308	231	219	260	176	376	157	544
$1,000	11 543	13 908	7 347	21 109	23 469	14 807	13 754	48 445
Hogs and pigs ..... farms	45	85	140	297	161	123	163	480
$1,000	11 021	(D)	14 016	62 232	45 418	11 341	47 447	85 507
Sheep, lambs, and wool ..... farms	14	10	37	46	21	22	18	56
$1,000	(D)	47	123	487	(D)	105	696	1 231
Other livestock and livestock products (see text) ..... farms	17	3	14	18	7	19	7	15
$1,000	154	(D)	(D)	320	(D)	380	9	435
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses ..... farms, 1997	417	418	528	939	586	612	664	1 202
1992	431	506	597	1 042	671	741	757	1 387
$1,000, 1997	28 472	52 630	54 090	123 614	95 499	49 128	99 635	171 416
1992	22 564	45 068	50 302	110 165	68 938	55 385	74 613	172 140
1997 farm production expenses:								
Livestock and poultry purchased ..... farms	182	125	191	407	198	229	172	574
$1,000	3 136	6 616	5 206	23 566	18 451	5 405	14 635	38 506
Feed for livestock and poultry ..... farms	297	240	279	503	254	359	261	730
$1,000	5 802	9 606	7 445	26 366	23 862	4 749	21 697	36 662
Commercially mixed formula feeds ..... farms	126	110	173	341	193	244	150	496
$1,000	3 812	6 949	3 499	12 124	11 418	2 508	16 854	14 467
Seeds, bulbs, plants, and trees ..... farms	303	392	493	861	535	577	657	1 070
$1,000	1 381	3 967	3 582	7 010	4 894	4 064	5 720	8 125
Commercial fertilizer ..... farms	311	367	484	806	528	553	619	1 013
$1,000	1 943	4 355	5 077	7 769	5 932	4 859	7 431	10 202
Agricultural chemicals ..... farms	296	368	468	754	477	521	584	973
$1,000	1 247	3 815	4 039	6 848	4 479	4 418	6 222	8 972

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
FARMS AND LAND IN FARMS								
Land in farms ..... farms, 1997	719	463	1 007	638	405	722	598	807
1992	840	536	1 153	756	482	860	703	975
acres, 1997	353 781	209 536	521 911	304 706	228 335	340 356	217 188	335 292
1992	356 670	217 918	530 526	327 610	266 454	358 957	224 071	347 603
Average size of farm ..... acres, 1997	492	453	518	478	564	471	363	415
1992	425	407	460	433	553	417	319	357
Total cropland ..... farms, 1997	707	455	973	620	391	677	589	774
1992	812	514	1 105	720	471	802	675	908
acres, 1997	337 328	191 437	474 330	272 226	184 983	310 088	201 214	311 297
1992	339 764	200 477	485 250	291 073	216 140	325 198	207 456	325 535
Harvested cropland ..... farms, 1997	704	455	957	607	376	667	582	761
1992	810	503	1 092	703	447	790	666	897
acres, 1997	330 387	182 213	433 977	228 460	110 490	297 652	192 484	286 604
1992	318 608	182 921	428 990	229 356	114 755	293 374	188 753	287 632
Irrigated land ..... farms, 1997	6	15	17	3	–	6	10	5
1992	5	15	22	1	–	6	16	3
acres, 1997	(D)	75	1 864	3	–	(D)	(D)	20
1992	(D)	402	3 060	(D)	–	(D)	956	168
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) $1,000, 1997	138 419	70 394	188 968	106 761	47 956	190 680	94 443	132 477
1992	109 657	60 615	178 964	85 588	37 614	145 919	90 319	123 599
Average per farm ..... dollars, 1997	192 516	152 039	187 655	167 337	118 411	264 100	157 931	164 160
1992	130 544	113 088	155 216	113 211	78 037	169 673	128 476	126 768
1997 sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms	703	448	937	594	337	655	570	754
$1,000	99 560	60 942	123 213	63 126	18 301	82 121	61 411	76 222
Grains ..... farms	695	412	922	584	324	651	551	741
$1,000	99 168	56 243	115 625	60 465	17 216	81 414	58 135	75 108
Corn for grain ..... farms	667	384	878	547	256	586	508	693
$1,000	51 467	31 032	61 503	31 929	7 530	40 162	34 488	40 108
Wheat ..... farms	1	2	12	4	6	3	5	4
$1,000	(D)	(D)	(D)	(D)	(D)	18	(D)	(D)
Soybeans ..... farms	683	403	890	551	308	628	500	703
$1,000	47 603	25 165	53 805	28 243	9 354	(D)	23 524	34 791
Sorghum for grain ..... farms	–	–	1	–	–	–	–	1
$1,000	–	–	(D)	–	–	–	–	(D)
Barley ..... farms	–	–	–	–	–	4	1	–
$1,000	–	–	–	–	–	26	(D)	–
Oats ..... farms	40	11	26	110	33	70	55	61
$1,000	(D)	(D)	81	269	(D)	(D)	104	(D)
Other grains ..... farms	4	2	3	1	4	11	1	1
$1,000	(D)	(D)	160	(D)	(D)	714	(D)	(D)
Cotton and cottonseed ..... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Tobacco ..... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms	57	69	180	185	96	93	97	147
$1,000	(D)	542	1 201	2 487	858	573	636	862
Vegetables, sweet corn, and melons ..... farms	2	9	11	3	1	3	5	4
$1,000	(D)	91	123	(D)	(D)	(D)	(D)	(D)
Fruits, nuts, and berries ..... farms	–	6	4	–	3	2	2	2
$1,000	–	377	(D)	–	(D)	(D)	(D)	(D)
Nursery and greenhouse crops ..... farms	9	29	13	5	3	3	15	5
$1,000	(D)	3 689	(D)	(D)	33	(D)	2 544	212
Other crops ..... farms	2	–	4	–	2	1	–	–
$1,000	(D)	–	(D)	–	(D)	(D)	–	–
Livestock, poultry, and their products ..... farms	264	179	557	451	334	424	334	506
$1,000	38 859	9 452	65 755	43 635	29 656	108 559	33 032	56 256
Poultry and poultry products ..... farms	9	2	9	9	5	10	9	13
$1,000	(D)	(D)	6	(D)	(D)	2 457	(D)	7
Dairy products ..... farms	6	3	7	8	7	10	21	8
$1,000	681	260	367	2 286	(D)	1 097	1 351	494
Cattle and calves ..... farms	132	134	452	389	322	252	216	386
$1,000	6 712	4 311	46 067	12 523	10 262	33 114	9 189	26 570
Hogs and pigs ..... farms	160	60	195	176	55	252	156	222
$1,000	(D)	4 546	18 930	28 181	(D)	70 475	20 762	28 775
Sheep, lambs, and wool ..... farms	29	24	33	38	19	41	33	27
$1,000	180	106	117	391	156	1 313	95	162
Other livestock and livestock products (see text) ..... farms	12	8	15	7	10	11	11	9
$1,000	(D)	(D)	268	(D)	38	101	(D)	249
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses ..... farms, 1997	735	467	1 011	639	402	723	598	806
1992	842	534	1 152	756	479	864	703	969
$1,000, 1997	79 153	40 690	127 917	70 899	39 051	133 344	71 049	90 438
1992	76 655	41 240	125 468	63 174	28 956	111 354	72 156	94 468
1997 farm production expenses:								
Livestock and poultry purchased ..... farms	189	115	355	268	139	220	220	343
$1,000	8 444	2 361	23 566	6 226	3 121	23 295	6 993	14 097
Feed for livestock and poultry ..... farms	224	188	523	455	321	309	268	527
$1,000	11 928	2 293	11 882	10 271	10 964	31 785	8 322	13 133
Commercially mixed formula feeds ..... farms	149	93	329	203	140	199	120	278
$1,000	7 372	1 015	3 939	4 620	9 036	20 924	4 217	4 791
Seeds, bulbs, plants, and trees ..... farms	711	446	953	592	331	657	575	775
$1,000	6 396	4 105	9 232	4 582	1 524	5 836	4 835	6 292
Commercial fertilizer ..... farms	679	398	956	576	290	636	582	760
$1,000	8 674	4 269	11 607	5 594	2 245	8 178	6 593	8 465
Agricultural chemicals ..... farms	639	410	891	544	275	602	568	742
$1,000	6 196	4 135	10 398	4 890	1 721	6 589	5 348	7 184

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
FARMS AND LAND IN FARMS								
Land in farms ..... farms, 1997	1 570	732	837	490	401	442	359	590
1992	1 797	784	1 013	560	470	480	432	676
acres, 1997	488 410	333 252	365 653	255 308	195 722	202 931	163 822	253 440
1992	489 258	323 334	382 182	258 068	217 754	204 623	163 461	263 280
Average size of farm ..... acres, 1997	311	455	437	521	488	459	456	430
1992	272	412	377	461	463	426	378	389
Total cropland ..... farms, 1997	1 390	703	807	471	383	428	350	568
1992	1 514	750	965	535	443	455	426	656
acres, 1997	450 337	312 792	329 683	203 756	150 238	146 773	135 863	194 544
1992	448 428	302 156	344 183	205 494	163 134	151 084	134 560	210 040
Harvested cropland ..... farms, 1997	1 346	701	793	455	366	425	345	561
1992	1 482	742	948	520	425	441	413	645
acres, 1997	430 588	302 734	297 653	144 726	102 814	108 552	111 321	156 322
1992	413 533	280 455	293 459	137 144	105 777	102 479	106 120	157 310
Irrigated land ..... farms, 1997	47	9	6	–	6	1	3	6
1992	40	6	7	–	2	8	3	3
acres, 1997	7 899	230	91	–	(D)	(D)	(D)	(D)
1992	(D)	115	366	–	(D)	(D)	3	9
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) $1,000, 1997	507 380	130 175	126 907	61 557	38 300	42 040	43 395	57 673
1992	421 141	105 372	108 598	45 959	47 627	35 687	37 035	54 970
Average per farm ..... dollars, 1997	323 172	177 834	151 622	125 626	95 510	95 113	120 877	97 751
1992	234 358	134 403	107 205	82 070	101 333	74 348	85 729	81 316
1997 sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms	1 279	692	774	433	332	384	313	516
$1,000	110 053	93 380	85 869	30 151	19 656	24 366	28 510	37 403
Grains ..... farms	1 251	679	758	413	310	367	297	491
$1,000	105 724	91 773	84 561	29 513	18 038	23 448	27 178	35 708
Corn for grain ..... farms	1 048	649	714	342	269	298	261	416
$1,000	51 502	49 560	45 860	13 184	8 541	11 276	13 380	18 085
Wheat ..... farms	13	6	–	13	4	12	9	1
$1,000	55	(D)	–	(D)	9	(D)	(D)	(D)
Soybeans ..... farms	1 179	651	705	398	275	324	272	445
$1,000	(D)	42 096	38 542	16 184	9 366	12 103	13 673	17 572
Sorghum for grain ..... farms	–	–	–	–	–	1	–	–
$1,000	–	–	–	–	–	(D)	–	–
Barley ..... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Oats ..... farms	70	31	96	18	44	31	27	29
$1,000	(D)	(D)	(D)	(D)	122	44	(D)	(D)
Other grains ..... farms	8	1	1	1	–	–	–	–
$1,000	68	(D)	(D)	(D)	–	–	–	–
Cotton and cottonseed ..... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Tobacco ..... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms	227	103	180	87	106	109	92	143
$1,000	1 885	745	1 100	593	836	876	1 084	1 126
Vegetables, sweet corn, and melons ..... farms	8	4	9	3	1	–	2	10
$1,000	(D)	(D)	32	(D)	(D)	–	(D)	54
Fruits, nuts, and berries ..... farms	2	3	1	1	–	–	–	4
$1,000	(D)	(D)	(D)	(D)	–	–	–	(D)
Nursery and greenhouse crops ..... farms	7	10	2	2	3	2	4	5
$1,000	(D)	773	(D)	(D)	(D)	(D)	(D)	51
Other crops ..... farms	–	–	–	–	–	1	–	1
$1,000	–	–	–	–	–	(D)	–	(D)
Livestock, poultry, and their products ..... farms	1 093	287	508	363	334	352	248	423
$1,000	397 326	36 795	41 039	31 405	18 644	17 674	14 884	20 270
Poultry and poultry products ..... farms	45	11	14	5	7	10	1	1
$1,000	21 842	(D)	8	(D)	(D)	(D)	(D)	(D)
Dairy products ..... farms	116	7	23	5	1	20	6	14
$1,000	25 053	2 899	2 658	472	(D)	1 504	796	790
Cattle and calves ..... farms	663	163	403	350	302	331	211	376
$1,000	170 657	9 161	13 909	9 076	9 210	6 380	5 867	10 768
Hogs and pigs ..... farms	712	139	169	84	56	73	59	86
$1,000	172 604	22 162	23 995	(D)	7 821	9 302	8 137	7 788
Sheep, lambs, and wool ..... farms	83	40	59	17	20	39	10	19
$1,000	(D)	(D)	243	128	400	196	(D)	(D)
Other livestock and livestock products (see text) ..... farms	20	16	21	12	13	11	5	21
$1,000	(D)	216	224	76	178	(D)	63	743
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses ..... farms, 1997	1 574	734	842	484	404	450	359	593
1992	1 798	783	1 021	557	471	478	434	682
$1,000, 1997	377 539	83 465	90 304	42 154	27 393	29 060	29 147	36 825
1992	329 737	73 662	90 322	38 328	36 859	25 395	26 004	41 621
1997 farm production expenses:								
Livestock and poultry purchased ..... farms	984	198	298	206	147	170	109	208
$1,000	124 532	9 406	7 900	5 083	3 403	1 764	2 729	2 458
Feed for livestock and poultry ..... farms	1 149	270	470	345	299	357	210	382
$1,000	108 799	10 114	10 027	11 584	3 916	5 632	2 903	4 071
Commercially mixed formula feeds ..... farms	825	207	253	162	164	199	128	246
$1,000	60 750	5 064	6 116	9 154	2 698	2 925	784	2 001
Seeds, bulbs, plants, and trees ..... farms	1 309	692	766	410	356	413	326	542
$1,000	10 871	6 304	6 094	2 037	1 943	1 666	2 608	2 945
Commercial fertilizer ..... farms	1 225	674	717	385	352	364	306	514
$1,000	11 196	9 209	9 394	2 609	2 192	2 404	3 036	2 571
Agricultural chemicals ..... farms	1 234	606	709	365	340	375	292	488
$1,000	9 554	6 451	7 296	2 439	2 218	2 235	2 406	3 401

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
FARMS AND LAND IN FARMS								
Land in farms ..... farms, 1997	806	452	805	468	1 005	898	472	612
1992	898	505	909	534	1 208	937	515	714
acres, 1997	296 747	244 160	406 101	232 036	320 449	462 730	219 978	344 544
1992	298 648	247 712	402 533	224 663	333 384	419 183	218 706	349 624
Average size of farm ..... acres, 1997	368	540	504	496	319	515	466	563
1992	333	491	443	421	276	447	425	490
Total cropland ..... farms, 1997	751	439	777	450	963	852	451	595
1992	820	483	863	515	1 131	886	489	690
acres, 1997	262 069	191 482	382 544	220 168	264 185	403 258	204 585	327 326
1992	261 003	205 677	376 323	212 426	268 876	372 188	204 638	330 996
Harvested cropland ..... farms, 1997	731	423	768	446	940	825	446	591
1992	800	472	857	511	1 095	849	477	684
acres, 1997	232 361	123 887	373 320	213 284	226 888	361 452	196 132	317 608
1992	220 615	121 277	355 618	196 068	216 139	306 389	185 763	311 536
Irrigated land ..... farms, 1997	–	1	5	3	9	40	3	1
1992	3	2	6	2	3	27	8	1
acres, 1997	–	(D)	63	3	169	7 762	402	(D)
1992	(D)	(D)	64	(D)	(D)	6 334	482	(D)
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) $1,000, 1997	173 566	35 711	165 829	78 053	130 328	150 266	76 389	174 750
1992	128 193	32 957	126 343	60 126	123 855	149 834	65 245	98 998
Average per farm ..... dollars, 1997	215 342	79 007	205 998	166 780	129 680	167 334	161 840	285 540
1992	142 754	65 262	138 991	112 595	102 529	159 908	126 689	138 652
1997 sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms	702	366	762	437	823	794	436	586
$1,000	58 401	21 415	112 881	63 860	42 468	89 334	57 401	95 601
Grains ..... farms	689	347	753	431	800	776	432	582
$1,000	57 293	20 022	111 902	63 314	39 644	87 609	56 549	95 101
Corn for grain ..... farms	560	268	723	411	721	712	407	568
$1,000	27 466	9 384	59 239	39 206	25 653	47 449	31 970	52 903
Wheat ..... farms	32	15	–	–	5	6	2	–
$1,000	(D)	134	–	–	59	(D)	(D)	–
Soybeans ..... farms	652	318	740	403	531	706	417	565
$1,000	29 473	10 462	(D)	23 994	12 882	39 749	24 473	42 161
Sorghum for grain ..... farms	–	–	–	–	–	1	–	–
$1,000	–	–	–	–	–	(D)	–	–
Barley ..... farms	1	–	–	–	14	–	–	1
$1,000	(D)	–	–	–	(D)	–	–	(D)
Oats ..... farms	56	23	34	39	189	45	52	13
$1,000	(D)	(D)	(D)	(D)	359	(D)	83	(D)
Other grains ..... farms	9	1	–	2	5	7	1	1
$1,000	102	(D)	–	(D)	(D)	(D)	(D)	(D)
Cotton and cottonseed ..... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Tobacco ..... farms	–	–	–	–	–	–	–	–
$1,000	–	–	–	–	–	–	–	–
Hay, silage, and field seeds ..... farms	140	124	57	44	255	139	66	34
$1,000	905	(D)	342	306	2 214	728	274	212
Vegetables, sweet corn, and melons ..... farms	7	1	8	12	5	3	7	3
$1,000	(D)	(D)	136	128	(D)	7	401	(D)
Fruits, nuts, and berries ..... farms	1	–	2	2	1	–	2	–
$1,000	(D)	–	(D)	(D)	(D)	–	(D)	–
Nursery and greenhouse crops ..... farms	4	–	4	5	8	13	2	2
$1,000	189	–	(D)	(D)	583	990	(D)	(D)
Other crops ..... farms	3	–	1	–	3	–	4	–
$1,000	(D)	–	(D)	–	19	–	(D)	–
Livestock, poultry, and their products ..... farms	584	354	276	200	826	521	237	181
$1,000	115 164	14 297	52 948	14 193	87 860	60 932	18 988	79 150
Poultry and poultry products ..... farms	44	4	2	6	18	14	8	5
$1,000	16 565	(D)	(D)	2	2 734	(D)	(D)	(D)
Dairy products ..... farms	43	11	4	18	327	4	13	3
$1,000	(D)	606	611	692	(D)	(D)	775	170
Cattle and calves ..... farms	329	345	151	91	732	413	149	83
$1,000	9 615	9 715	5 574	3 322	20 173	39 698	4 040	4 856
Hogs and pigs ..... farms	384	44	134	123	306	195	106	98
$1,000	86 341	3 658	27 241	10 098	27 696	20 459	9 488	67 352
Sheep, lambs, and wool ..... farms	50	16	35	17	34	29	18	29
$1,000	214	(D)	123	63	(D)	(D)	61	91
Other livestock and livestock products (see text) ..... farms	37	18	13	9	25	13	7	8
$1,000	(D)	260	(D)	16	433	166	(D)	(D)
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses ..... farms, 1997	810	458	802	468	1 007	893	476	614
1992	899	503	907	538	1 204	938	517	716
$1,000, 1997	118 699	24 788	105 057	52 559	92 353	113 250	52 547	136 922
1992	97 196	26 504	81 189	47 848	93 679	126 060	52 209	70 079
1997 farm production expenses:								
Livestock and poultry purchased ..... farms	356	219	139	89	483	377	136	81
$1,000	19 180	2 623	9 288	2 546	9 666	21 410	2 638	8 099
Feed for livestock and poultry ..... farms	457	343	213	161	775	505	223	139
$1,000	34 015	2 987	16 399	3 145	19 585	13 903	6 929	37 633
Commercially mixed formula feeds ..... farms	345	168	119	92	562	271	119	96
$1,000	16 425	901	4 146	1 533	10 250	5 936	5 204	34 449
Seeds, bulbs, plants, and trees ..... farms	725	404	769	450	911	788	456	594
$1,000	5 449	1 779	7 528	4 547	5 163	7 722	4 239	6 103
Commercial fertilizer ..... farms	655	395	752	426	860	746	423	548
$1,000	6 810	2 584	10 370	6 705	7 293	10 951	5 603	8 587
Agricultural chemicals ..... farms	660	332	680	379	805	694	416	549
$1,000	6 109	1 757	8 267	4 775	4 553	7 923	4 353	6 784

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item		Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
FARM PRODUCTION EXPENSES[1]—Con.								
1997 farm production expenses—Con.								
Petroleum products	farms	66 224	574	375	622	429	511	924
	$1,000	341 493	2 251	1 828	2 848	1 071	2 873	5 004
Electricity	farms	60 006	563	331	595	365	501	866
	$1,000	122 461	1 014	641	1 471	350	1 372	1 712
Hired farm labor	farms	29 501	233	148	265	125	255	438
	$1,000	315 099	2 361	1 524	2 408	423	(D)	4 080
Contract labor	farms	5 192	21	7	46	39	50	42
	$1,000	24 207	67	65	79	110	(D)	181
Repair and maintenance	farms	62 496	527	363	632	393	476	835
	$1,000	484 715	3 676	3 010	4 765	2 467	4 551	6 900
Customwork, machine hire, and rental of machinery and equipment	farms	37 494	332	184	398	175	331	456
	$1,000	164 332	1 118	665	1 514	267	1 300	3 054
Interest	farms	47 288	370	225	471	216	395	698
	$1,000	581 677	4 259	2 341	4 794	1 551	5 753	8 552
Cash rent	farms	34 801	249	155	305	105	277	555
	$1,000	864 539	3 695	2 201	2 876	1 121	9 378	15 281
Property taxes	farms	57 349	575	351	584	394	461	776
	$1,000	214 050	2 156	1 500	2 069	1 008	2 015	3 012
All other farm production expenses	farms	67 252	593	383	649	429	511	926
	$1,000	695 840	5 906	2 709	5 983	1 933	6 560	9 564
NET CASH RETURN[1]								
Net cash return from agricultural sales for the farm unit (see text)	farms, 1997	67 253	593	383	649	429	511	926
	1992	77 122	694	486	809	448	609	1 081
	$1,000, 1997	3 040 631	18 637	12 297	20 526	7 211	19 625	41 023
	1992	2 238 129	15 981	10 169	18 779	9 416	17 288	26 201
Average per farm	dollars, 1997	45 212	31 429	32 108	31 626	16 809	38 405	44 302
	1992	29 021	23 028	20 925	23 213	21 018	28 388	24 237
Farms with net gains[2]	number, 1997	54 873	506	292	535	336	361	746
	1992	60 315	564	372	561	334	472	748
	$1,000, 1997	3 246 731	19 723	14 324	22 719	7 629	22 738	43 410
	1992	2 465 172	17 510	11 618	22 210	10 421	19 280	31 128
Average per farm	dollars, 1997	59 168	38 979	49 054	42 465	22 704	62 987	58 190
	1992	40 872	31 045	31 230	39 590	31 200	40 847	41 616
Farms with net losses	number, 1997	12 380	87	91	114	93	150	180
	1992	16 807	130	114	248	114	137	333
	$1,000, 1997	206 099	1 086	2 026	2 193	418	3 113	2 386
	1992	227 043	1 529	1 448	3 430	1 005	1 992	4 928
Average per farm	dollars, 1997	16 648	12 486	22 268	19 238	4 491	20 756	13 257
	1992	13 509	11 758	12 704	13 832	8 815	14 538	14 798
GOVERNMENT PAYMENTS								
Total received	farms, 1997	54 471	474	307	518	318	418	750
	1992	55 191	480	328	475	276	471	790
	$1,000, 1997	471 002	3 588	2 632	3 333	2 174	3 972	6 888
	1992	445 575	3 248	2 564	3 189	1 388	4 029	6 551
Average per farm	dollars, 1997	8 647	7 570	8 572	6 434	6 836	9 504	9 184
	1992	8 073	6 767	7 818	6 714	5 031	8 554	8 293
Amount from Conservation Reserve and Wetlands Reserve Programs	farms, 1997	14 422	165	136	179	147	127	193
	1992	11 120	108	133	135	91	110	120
	$1,000, 1997	70 970	1 012	919	963	1 210	564	931
	1992	66 614	776	1 100	942	493	830	757
Average per farm	dollars, 1997	4 921	6 131	6 756	5 380	8 228	4 443	4 824
	1992	5 990	7 186	8 271	6 976	5 422	7 543	6 306
FARMS BY SIZE								
1 to 9 acres	1997	2 002	8	10	23	5	19	26
	1992	3 560	24	21	33	7	33	53
10 to 49 acres	1997	2 638	12	6	29	7	21	43
	1992	2 867	15	3	33	7	24	38
50 to 69 acres	1997	1 250	9	5	8	3	11	20
	1992	1 331	14	2	12	5	9	17
70 to 99 acres	1997	3 714	33	22	14	28	23	53
	1992	4 081	36	13	28	16	25	51
100 to 139 acres	1997	4 318	31	19	42	23	20	48
	1992	5 070	28	37	59	29	33	50
140 to 179 acres	1997	6 373	51	22	48	44	43	96
	1992	7 668	59	46	65	27	46	116
180 to 219 acres	1997	4 334	27	21	66	31	27	58
	1992	5 099	30	24	74	36	42	66
220 to 259 acres	1997	4 520	34	20	50	41	31	61
	1992	5 654	55	40	63	34	37	98
260 to 499 acres	1997	17 494	159	99	196	100	134	232
	1992	21 402	212	139	267	120	176	309
500 to 999 acres	1997	14 637	152	110	136	111	132	205
	1992	15 679	163	129	127	136	141	224
1,000 to 1,999 acres	1997	5 096	64	37	32	28	41	79
	1992	4 222	48	33	40	21	38	53
2,000 acres or more	1997	770	13	9	5	9	12	6
	1992	491	8	4	6	6	7	3
VALUE OF LAND AND BUILDINGS[1]								
Estimated market value of land and buildings:								
Average per farm	dollars, 1997	717 920	469 625	500 057	380 192	274 175	790 287	871 386
	1992	471 260	352 255	291 300	297 482	234 326	501 802	533 883
Average per acre	dollars, 1997	1 704	982	897	1 022	620	1 575	1 979
	1992	1 212	790	612	761	515	1 185	1 410

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
FARM PRODUCTION EXPENSES[1]—Con.							
1997 farm production expenses—Con.							
Petroleum products ..... farms	767	625	733	908	768	810	672
$1,000	3 809	3 026	3 194	4 506	4 739	3 579	4 168
Electricity ..... farms	679	544	712	798	692	721	593
$1,000	1 053	1 044	1 186	1 479	1 514	1 363	1 155
Hired farm labor ..... farms	295	302	369	532	404	393	341
$1,000	4 655	4 578	2 380	4 440	4 641	2 688	2 405
Contract labor ..... farms	71	48	36	39	91	72	31
$1,000	274	360	117	81	440	242	52
Repair and maintenance ..... farms	718	606	735	874	743	754	604
$1,000	5 277	4 871	4 580	6 072	7 088	4 661	5 468
Customwork, machine hire, and rental of machinery and equipment ..... farms	455	300	477	511	481	434	363
$1,000	1 698	1 638	1 372	1 880	1 522	1 460	2 511
Interest ..... farms	544	424	552	621	532	604	525
$1,000	5 872	4 184	5 504	7 239	6 925	6 630	6 851
Cash rent ..... farms	440	352	399	479	434	466	324
$1,000	12 036	9 801	9 444	12 075	10 922	12 685	7 954
Property taxes ..... farms	697	543	648	763	589	681	590
$1,000	2 798	2 113	2 094	3 190	2 231	2 514	2 019
All other farm production expenses ..... farms	767	646	743	917	781	822	693
$1,000	7 034	6 868	5 531	8 411	8 556	6 906	7 671
NET CASH RETURN[1]							
Net cash return from agricultural sales for the farm unit (see text) ..... farms, 1997	767	646	743	917	781	822	693
1992	868	710	836	1 017	869	948	795
$1,000, 1997	26 913	34 013	24 557	32 130	57 732	33 603	43 184
1992	19 059	30 869	20 299	24 894	39 687	24 679	37 867
Average per farm ..... dollars, 1997	35 089	52 652	33 051	35 038	73 921	40 880	62 315
1992	21 957	43 477	24 281	24 478	45 669	26 033	47 631
Farms with net gains[2] ..... number, 1997	631	571	624	708	704	687	589
1992	625	630	630	789	780	736	679
$1,000, 1997	29 036	35 273	25 908	34 939	59 336	35 526	44 779
1992	22 194	31 640	22 273	27 328	40 688	27 322	38 744
Average per farm ..... dollars, 1997	46 016	61 775	41 520	49 349	84 284	51 712	76 025
1992	35 511	50 222	35 355	34 636	52 164	37 123	57 060
Farms with net losses ..... number, 1997	136	75	119	209	77	135	104
1992	243	80	206	228	89	212	116
$1,000, 1997	2 123	1 260	1 351	2 809	1 604	1 923	1 594
1992	3 135	771	1 974	2 433	1 001	2 643	877
Average per farm ..... dollars, 1997	15 608	16 802	11 356	13 441	20 826	14 242	15 331
1992	12 902	9 642	9 583	10 673	11 248	12 466	7 563
GOVERNMENT PAYMENTS							
Total received ..... farms, 1997	667	545	611	712	658	681	576
1992	645	560	569	712	690	701	639
$1,000, 1997	5 926	4 894	6 315	7 150	5 306	6 034	4 880
1992	5 396	4 449	4 088	6 256	4 971	5 811	4 513
Average per farm ..... dollars, 1997	8 884	8 979	10 335	10 042	8 064	8 860	8 472
1992	8 366	7 945	7 185	8 787	7 205	8 290	7 062
Amount from Conservation Reserve and Wetlands Reserve Programs ..... farms, 1997	124	110	110	129	107	191	115
1992	50	80	73	71	87	142	99
$1,000, 1997	236	291	221	361	327	777	269
1992	(D)	235	223	289	313	942	261
Average per farm ..... dollars, 1997	1 903	2 646	2 009	2 800	3 053	4 067	2 336
1992	(D)	2 938	3 056	4 065	3 598	6 637	2 637
FARMS BY SIZE							
1 to 9 acres 1997	24	14	28	33	38	33	17
1992	47	18	41	39	45	66	33
10 to 49 acres 1997	45	29	44	53	32	35	32
1992	48	22	46	51	22	53	18
50 to 69 acres 1997	26	13	20	32	5	14	15
1992	24	15	18	21	4	7	7
70 to 99 acres 1997	70	32	56	85	39	51	43
1992	79	44	79	100	48	64	46
100 to 139 acres 1997	69	37	92	107	32	66	31
1992	65	56	92	133	32	69	43
140 to 179 acres 1997	77	59	92	107	63	80	65
1992	95	62	121	125	84	101	74
180 to 219 acres 1997	44	46	68	52	25	59	26
1992	55	43	67	57	40	71	41
220 to 259 acres 1997	44	27	55	54	55	71	39
1992	41	40	70	49	72	82	44
260 to 499 acres 1997	187	157	156	186	224	232	157
1992	220	177	194	224	267	258	217
500 to 999 acres 1997	130	158	97	156	216	123	189
1992	145	168	82	165	213	151	213
1,000 to 1,999 acres 1997	49	65	29	48	47	52	67
1992	47	59	22	47	36	29	52
2,000 acres or more 1997	3	10	3	10	8	6	10
1992	2	10	3	3	2	3	6
VALUE OF LAND AND BUILDINGS[1]							
Estimated market value of land and buildings:							
Average per farm ..... dollars, 1997	767 467	993 702	574 806	613 351	927 428	653 338	1 119 390
1992	511 399	710 728	395 590	422 581	610 586	397 535	717 601
Average per acre ..... dollars, 1997	2 265	2 142	2 020	1 836	2 242	1 785	2 412
1992	1 458	1 583	1 394	1 291	1 491	1 233	1 592

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item		Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
FARM PRODUCTION EXPENSES[1]—Con.								
1997 farm production expenses—Con.								
Petroleum products	farms	955	596	730	615	770	727	372
	$1,000	4 988	2 627	4 137	4 186	3 769	4 008	1 170
Electricity	farms	892	535	690	553	711	643	323
	$1,000	1 947	879	1 440	1 259	1 358	1 447	485
Hired farm labor	farms	500	227	344	279	410	371	187
	$1,000	3 775	2 026	(D)	3 964	3 374	2 912	1 520
Contract labor	farms	119	47	70	33	40	59	34
	$1,000	302	131	(D)	300	209	381	139
Repair and maintenance	farms	917	568	655	576	743	677	345
	$1,000	7 914	4 116	5 461	4 660	5 940	4 934	1 718
Customwork, machine hire, and rental of machinery and equipment	farms	550	356	423	258	374	421	181
	$1,000	1 824	1 754	2 366	1 957	1 959	1 751	2 211
Interest	farms	730	443	529	425	568	499	247
	$1,000	9 730	5 231	6 703	4 703	7 136	5 750	2 336
Cash rent	farms	502	352	411	411	493	416	163
	$1,000	13 212	8 003	11 020	14 524	10 892	9 654	1 109
Property taxes	farms	796	536	602	462	655	642	350
	$1,000	2 958	2 092	3 013	2 107	2 378	2 187	1 505
All other farm production expenses	farms	965	605	735	615	776	727	378
	$1,000	10 708	5 576	7 705	7 841	8 906	7 528	3 536
NET CASH RETURN[1]								
Net cash return from agricultural sales for the farm unit (see text)	farms, 1997	966	605	735	615	776	727	378
	1992	1 089	758	903	693	878	783	436
	$1,000, 1997	55 459	19 740	27 612	29 699	33 528	27 733	4 164
	1992	44 078	22 404	17 174	21 962	33 933	16 010	6 406
Average per farm	dollars, 1997	57 411	32 629	37 568	48 291	43 206	38 147	11 016
	1992	40 475	29 557	19 018	31 692	38 648	20 448	14 692
Farms with net gains[2]	number, 1997	754	472	568	526	640	578	273
	1992	954	628	633	511	724	523	294
	$1,000, 1997	59 521	22 364	30 359	32 331	35 969	29 710	8 380
	1992	47 090	24 041	21 986	24 596	36 046	19 182	7 473
Average per farm	dollars, 1997	78 940	47 382	53 448	61 466	56 201	51 402	30 695
	1992	49 361	38 282	34 733	48 133	49 787	36 677	25 419
Farms with net losses	number, 1997	212	133	167	89	136	149	105
	1992	135	130	270	182	154	260	142
	$1,000, 1997	4 061	2 624	2 746	2 632	2 441	1 977	4 215
	1992	3 012	1 637	4 812	2 634	2 113	3 172	1 067
Average per farm	dollars, 1997	19 156	19 729	16 446	29 578	17 948	13 269	40 147
	1992	22 313	12 592	17 823	14 471	13 723	12 199	7 517
GOVERNMENT PAYMENTS								
Total received	farms, 1997	777	495	609	521	635	596	294
	1992	738	535	653	557	660	586	310
	$1,000, 1997	4 867	4 201	6 899	5 912	5 027	4 972	2 320
	1992	4 421	3 983	6 820	6 070	4 554	4 743	2 049
Average per farm	dollars, 1997	6 263	8 487	11 329	11 348	7 916	8 342	7 891
	1992	5 990	7 445	10 444	10 898	6 900	8 094	6 610
Amount from Conservation Reserve and Wetlands Reserve Programs	farms, 1997	108	148	149	123	97	135	159
	1992	75	99	91	140	63	132	123
	$1,000, 1997	299	741	556	512	434	386	1 357
	1992	349	526	539	719	318	572	1 056
Average per farm	dollars, 1997	2 773	5 008	3 731	4 165	4 476	2 861	8 535
	1992	4 648	5 313	5 927	5 132	5 046	4 330	8 588
FARMS BY SIZE								
1 to 9 acres	1997	51	12	17	17	27	19	4
	1992	75	23	41	22	39	31	7
10 to 49 acres	1997	36	14	34	26	33	35	10
	1992	44	27	25	28	29	39	8
50 to 69 acres	1997	14	8	10	9	13	14	7
	1992	12	17	15	8	21	16	4
70 to 99 acres	1997	47	32	43	33	40	54	13
	1992	44	34	49	41	51	41	15
100 to 139 acres	1997	61	33	49	26	27	72	17
	1992	79	56	56	37	38	67	21
140 to 179 acres	1997	102	43	72	50	66	67	22
	1992	125	57	100	61	75	87	42
180 to 219 acres	1997	74	31	48	26	50	50	31
	1992	70	36	65	33	56	62	24
220 to 259 acres	1997	69	42	55	39	43	35	30
	1992	85	55	68	46	65	50	26
260 to 499 acres	1997	289	137	167	168	241	203	121
	1992	342	193	261	206	286	234	152
500 to 999 acres	1997	187	172	183	154	178	132	80
	1992	173	188	179	163	180	121	95
1,000 to 1,999 acres	1997	34	78	49	55	53	37	37
	1992	36	65	37	43	40	34	37
2,000 acres or more	1997	4	6	6	8	4	3	7
	1992	3	5	3	10	1	2	5
VALUE OF LAND AND BUILDINGS[1]								
Estimated market value of land and buildings:								
Average per farm	dollars, 1997	676 473	661 468	844 439	859 254	765 878	530 680	372 271
	1992	476 100	446 931	481 456	628 369	518 648	378 301	256 443
Average per acre	dollars, 1997	1 798	1 315	2 041	1 903	1 904	1 507	680
	1992	1 429	939	1 363	1 326	1 365	1 151	545

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
FARM PRODUCTION EXPENSES[1]—Con.							
1997 farm production expenses—Con.							
Petroleum products ..... farms..	541	1 158	925	861	597	496	380
$1,000..	3 159	5 827	4 619	4 057	3 009	1 951	1 365
Electricity ..... farms..	516	1 086	784	769	468	413	305
$1,000..	1 202	2 977	1 356	1 561	853	674	457
Hired farm labor ..... farms..	271	543	472	349	253	202	122
$1,000..	3 241	5 325	2 828	3 322	6 390	1 890	1 182
Contract labor ..... farms..	30	97	61	55	53	73	67
$1,000..	350	271	238	148	1 838	148	128
Repair and maintenance ..... farms..	530	1 093	910	812	555	474	364
$1,000..	4 714	8 363	6 203	6 576	5 107	2 894	2 106
Customwork, machine hire, and rental of machinery and equipment..... farms..	285	771	532	483	263	247	191
$1,000..	1 615	2 593	2 374	2 098	1 497	521	542
Interest ..... farms..	397	886	695	581	381	350	220
$1,000..	5 362	10 274	7 921	7 648	4 271	2 461	2 499
Cash rent ..... farms..	325	513	548	431	303	155	163
$1,000..	9 320	7 326	17 178	11 868	7 259	1 678	1 508
Property taxes..... farms..	460	1 040	779	730	510	460	341
$1,000..	1 741	3 953	2 749	2 915	2 350	1 499	1 084
All other farm production expenses..... farms..	546	1 158	948	861	610	502	380
$1,000..	7 213	13 115	7 294	7 629	6 882	4 276	4 166
NET CASH RETURN[1]							
Net cash return from agricultural sales for the farm unit (see text) ..... farms, 1997..	546	1 158	948	861	610	502	380
1992..	680	1 299	1 142	1 030	637	547	410
$1,000, 1997..	36 679	39 701	31 622	29 014	42 213	14 430	14 700
1992..	26 002	38 041	21 201	21 670	26 622	7 719	7 381
Average per farm ..... dollars, 1997..	67 178	34 284	33 356	33 698	69 201	28 746	38 685
1992..	38 238	29 285	18 564	21 038	41 792	14 112	18 001
Farms with net gains[2] ..... number, 1997..	464	945	676	691	529	395	276
1992..	546	1 039	736	757	507	405	317
$1,000, 1997..	38 639	43 050	35 921	30 950	43 708	16 000	16 315
1992..	27 278	41 415	26 503	25 379	28 802	9 494	8 572
Average per farm ..... dollars, 1997..	83 273	45 556	53 137	44 790	82 624	40 506	59 113
1992..	49 960	39 860	36 010	33 525	56 808	23 441	27 042
Farms with net losses ..... number, 1997..	82	213	272	170	81	107	104
1992..	134	260	406	273	130	142	93
$1,000, 1997..	1 960	3 349	4 299	1 936	1 496	1 570	1 615
1992..	1 276	3 373	5 303	3 709	2 180	1 774	1 192
Average per farm ..... dollars, 1997..	23 897	15 723	15 805	11 389	18 466	14 670	15 528
1992..	9 523	12 975	13 061	13 586	16 769	12 495	12 815
GOVERNMENT PAYMENTS							
Total received ..... farms, 1997..	478	900	794	685	478	348	280
1992..	569	778	855	733	452	298	236
$1,000, 1997..	4 348	6 905	7 926	5 206	4 438	2 601	1 953
1992..	4 821	5 840	7 821	5 014	3 782	2 495	1 577
Average per farm ..... dollars, 1997..	9 096	7 673	9 982	7 600	9 284	7 473	6 977
1992..	8 473	7 506	9 147	6 841	8 366	8 372	6 683
Amount from Conservation Reserve and Wetlands Reserve Programs ..... farms, 1997..	129	249	192	167	112	172	146
1992..	123	203	149	117	82	147	114
$1,000, 1997..	576	1 483	1 014	752	363	1 383	1 034
1992..	657	1 322	1 096	851	339	1 180	824
Average per farm ..... dollars, 1997..	4 464	5 957	5 282	4 504	3 239	8 043	7 084
1992..	5 345	6 511	7 356	7 270	4 135	8 027	7 225
FARMS BY SIZE							
1 to 9 acres ..... 1997..	19	36	18	22	20	12	5
1992..	29	48	57	47	19	13	10
10 to 49 acres ..... 1997..	18	39	42	32	25	20	10
1992..	21	32	55	46	18	25	9
50 to 69 acres ..... 1997..	2	26	31	10	26	7	2
1992..	5	15	21	16	14	9	2
70 to 99 acres ..... 1997..	24	45	64	43	46	21	14
1992..	32	52	73	50	46	23	14
100 to 139 acres..... 1997..	23	102	67	58	43	49	17
1992..	25	104	80	74	39	48	19
140 to 179 acres..... 1997..	59	116	87	81	47	36	32
1992..	67	131	108	105	60	49	35
180 to 219 acres..... 1997..	24	110	87	43	25	36	14
1992..	36	132	113	69	40	44	28
220 to 259 acres..... 1997..	31	117	70	54	38	57	30
1992..	43	148	105	72	35	36	30
260 to 499 acres..... 1997..	132	334	235	220	115	117	107
1992..	184	407	306	278	146	139	114
500 to 999 acres..... 1997..	148	187	198	212	135	105	99
1992..	180	195	184	207	151	108	104
1,000 to 1,999 acres ..... 1997..	64	45	48	64	71	35	45
1992..	53	33	33	52	56	42	42
2,000 acres or more..... 1997..	6	3	2	16	16	9	8
1992..	5	2	1	9	11	7	8
VALUE OF LAND AND BUILDINGS[1]							
Estimated market value of land and buildings:							
Average per farm ..... dollars, 1997..	940 536	479 776	612 963	682 633	1 202 455	373 426	319 606
1992..	658 683	353 437	392 094	414 279	700 451	234 400	256 325
Average per acre ..... dollars, 1997..	1 914	1 496	1 789	1 494	2 391	846	605
1992..	1 469	1 114	1 310	1 064	1 524	561	482

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item		Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
FARM PRODUCTION EXPENSES[1]—Con.									
1997 farm production expenses—Con.									
Petroleum products	farms	1 054	440	369	1 169	401	1 001	658	716
	$1,000	6 174	2 394	2 075	5 655	2 194	5 913	3 861	4 182
Electricity	farms	1 019	396	346	1 154	380	965	574	642
	$1,000	3 293	692	692	2 756	791	2 453	1 329	1 516
Hired farm labor	farms	521	173	161	508	182	545	355	327
	$1,000	3 257	1 081	891	3 907	1 807	5 593	5 413	3 578
Contract labor	farms	72	28	13	64	34	118	48	67
	$1,000	259	84	52	108	78	309	326	177
Repair and maintenance	farms	1 029	402	365	1 130	382	951	608	652
	$1,000	9 201	2 959	3 195	9 046	3 386	8 758	5 270	5 603
Customwork, machine hire, and rental of machinery and equipment	farms	627	267	193	816	227	611	438	416
	$1,000	2 313	942	1 354	2 843	838	2 000	2 844	2 558
Interest	farms	793	297	272	843	297	764	518	534
	$1,000	11 157	3 545	3 498	9 506	3 710	9 414	6 424	6 885
Cash rent	farms	447	211	231	488	250	532	409	460
	$1,000	9 475	5 582	5 470	8 047	5 882	12 487	13 352	13 683
Property taxes	farms	896	410	322	1 018	351	810	565	630
	$1,000	3 545	1 496	1 091	3 431	1 504	3 261	2 171	2 631
All other farm production expenses	farms	1 071	440	382	1 201	411	1 018	658	727
	$1,000	12 996	4 227	4 692	12 160	4 266	8 933	7 284	7 918
NET CASH RETURN[1]									
Net cash return from agricultural sales for the farm unit (see text)	farms, 1997	1 071	440	382	1 201	411	1 018	658	727
	1992	1 209	481	456	1 376	474	1 213	727	824
	$1,000, 1997	47 389	18 768	15 160	39 370	30 972	46 608	26 190	38 155
	1992	38 895	13 365	15 082	39 543	14 114	32 528	19 703	23 220
Average per farm	dollars, 1997	44 247	42 654	39 685	32 781	75 356	45 784	39 803	52 483
	1992	32 171	27 786	33 076	28 738	29 776	26 816	27 102	28 180
Farms with net gains[2]	number, 1997	862	378	284	883	364	867	548	613
	1992	897	415	387	1 047	363	963	547	648
	$1,000, 1997	50 094	19 546	16 261	44 101	32 029	48 643	28 174	40 103
	1992	43 188	14 244	15 981	44 418	15 471	36 058	22 204	25 760
Average per farm	dollars, 1997	58 114	51 708	57 255	49 944	87 992	56 105	51 412	65 422
	1992	48 147	34 324	41 294	42 424	42 619	37 444	40 592	39 753
Farms with net losses	number, 1997	209	62	98	318	47	151	110	114
	1992	312	66	69	329	111	250	180	176
	$1,000, 1997	2 706	778	1 101	4 731	1 058	2 035	1 984	1 948
	1992	4 294	879	898	4 875	1 357	3 530	2 500	2 540
Average per farm	dollars, 1997	12 947	12 549	11 234	14 876	22 504	13 476	18 035	17 088
	1992	13 762	13 325	13 020	14 818	12 224	14 120	13 891	14 432
GOVERNMENT PAYMENTS									
Total received	farms, 1997	874	374	332	895	354	844	559	611
	1992	793	340	347	682	396	841	562	675
	$1,000, 1997	6 667	3 027	3 015	4 644	3 619	6 810	5 225	8 437
	1992	5 951	2 795	2 938	3 727	3 743	6 567	5 080	6 925
Average per farm	dollars, 1997	7 628	8 095	9 080	5 189	10 223	8 069	9 348	13 809
	1992	7 505	8 221	8 466	5 465	9 452	7 809	9 040	10 259
Amount from Conservation Reserve and Wetlands Reserve Programs	farms, 1997	189	99	99	173	80	174	180	144
	1992	110	70	97	103	78	144	150	134
	$1,000, 1997	533	432	375	816	383	542	545	490
	1992	436	293	590	619	516	730	683	613
Average per farm	dollars, 1997	2 822	4 367	3 789	4 719	4 787	3 115	3 030	3 402
	1992	3 960	4 181	6 080	6 014	6 621	5 068	4 553	4 573
FARMS BY SIZE									
1 to 9 acres	1997	32	15	2	39	7	29	14	22
	1992	73	21	15	52	13	69	40	46
10 to 49 acres	1997	42	11	18	51	17	47	28	28
	1992	44	17	20	80	15	47	35	28
50 to 69 acres	1997	13	11	6	35	9	25	9	15
	1992	14	8	3	34	6	32	18	9
70 to 99 acres	1997	44	27	20	79	12	57	51	34
	1992	50	19	25	85	14	74	46	39
100 to 139 acres	1997	102	35	8	111	13	70	43	43
	1992	108	39	17	132	17	96	60	53
140 to 179 acres	1997	161	30	33	178	21	118	69	62
	1992	185	46	39	221	49	158	62	67
180 to 219 acres	1997	135	39	16	166	15	65	45	43
	1992	142	49	17	207	13	101	24	47
220 to 259 acres	1997	96	32	23	126	23	82	47	34
	1992	135	32	30	141	24	95	51	47
260 to 499 acres	1997	306	114	109	305	103	285	142	177
	1992	311	133	146	324	141	310	193	232
500 to 999 acres	1997	106	87	106	97	148	173	144	181
	1992	118	87	114	87	150	183	152	208
1,000 to 1,999 acres	1997	32	30	39	11	38	58	57	77
	1992	25	32	29	12	29	47	46	49
2,000 acres or more	1997	1	3	2	2	2	8	8	5
	1992	–	1	1	1	2	1	3	2
VALUE OF LAND AND BUILDINGS[1]									
Estimated market value of land and buildings:									
Average per farm	dollars, 1997	509 133	626 009	826 000	396 023	874 669	565 101	780 294	851 265
	1992	376 287	522 972	562 053	302 485	665 997	355 528	462 067	559 267
Average per acre	dollars, 1997	1 827	1 562	1 714	1 614	1 751	1 540	1 782	1 965
	1992	1 438	1 346	1 260	1 281	1 488	1 178	1 228	1 392

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item		Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
FARM PRODUCTION EXPENSES[1]—Con.									
1997 farm production expenses—Con.									
Petroleum products	farms	412	636	653	550	674	716	695	648
	$1,000	2 341	2 850	3 565	2 841	4 675	4 434	4 108	3 200
Electricity	farms	356	538	590	465	570	654	588	598
	$1,000	669	910	1 142	1 207	1 929	1 493	1 667	1 157
Hired farm labor	farms	221	296	298	242	333	394	353	230
	$1,000	3 589	2 657	(D)	3 641	9 299	3 521	6 079	3 231
Contract labor	farms	55	46	69	44	49	60	59	23
	$1,000	140	201	(D)	83	252	140	718	118
Repair and maintenance	farms	400	598	598	511	632	668	673	616
	$1,000	3 348	4 792	4 985	4 495	6 049	5 642	5 230	5 021
Customwork, machine hire, and rental of machinery and equipment	farms	292	406	414	312	328	401	421	303
	$1,000	1 606	1 626	2 536	955	1 606	1 352	2 540	2 080
Interest	farms	304	494	451	436	536	531	505	426
	$1,000	4 801	6 366	7 105	6 175	9 742	6 544	8 350	5 910
Cash rent	farms	167	295	457	268	390	414	420	304
	$1,000	3 256	7 344	18 334	4 442	13 832	14 222	18 344	7 853
Property taxes	farms	381	515	506	521	533	565	579	598
	$1,000	1 532	2 300	2 103	2 006	2 022	1 691	2 102	2 618
All other farm production expenses	farms	445	637	653	560	677	716	704	677
	$1,000	4 848	7 221	7 193	7 665	10 457	8 798	11 304	6 080
NET CASH RETURN[1]									
Net cash return from agricultural sales for the farm unit (see text)	farms, 1997	445	637	653	560	677	716	704	677
	1992	503	725	760	721	772	840	835	747
	$1,000, 1997	30 747	37 214	39 146	21 784	57 938	35 503	44 278	34 175
	1992	25 057	35 832	27 201	21 274	34 963	23 969	28 034	27 659
Average per farm	dollars, 1997	69 095	58 421	59 949	38 899	85 581	49 585	62 895	50 480
	1992	49 815	49 424	35 791	29 507	45 289	28 534	33 573	37 026
Farms with net gains[2]	number, 1997	405	589	590	393	575	617	554	557
	1992	444	618	666	566	709	648	680	665
	$1,000, 1997	31 694	38 154	40 418	23 741	59 967	37 321	47 838	35 897
	1992	25 841	37 276	28 824	22 446	36 240	26 195	29 761	28 897
Average per farm	dollars, 1997	78 258	64 778	68 505	60 410	104 291	60 488	86 349	64 446
	1992	58 201	60 317	43 280	39 657	51 114	40 424	43 766	43 455
Farms with net losses	number, 1997	40	48	63	167	102	99	150	120
	1992	59	107	94	155	63	192	155	82
	$1,000, 1997	947	940	1 272	1 957	2 029	1 818	3 559	1 721
	1992	784	1 443	1 624	1 171	1 276	2 226	1 727	1 239
Average per farm	dollars, 1997	23 678	19 586	20 186	11 721	19 893	18 364	23 730	14 345
	1992	13 289	13 489	17 273	7 558	20 259	11 595	11 144	15 109
GOVERNMENT PAYMENTS									
Total received	farms, 1997	393	535	567	464	574	641	580	529
	1992	392	591	599	487	636	684	668	537
	$1,000, 1997	3 262	4 702	6 566	3 853	5 550	6 565	6 321	4 271
	1992	3 380	5 095	5 831	3 307	6 107	5 844	6 370	4 355
Average per farm	dollars, 1997	8 300	8 788	11 579	8 303	9 668	10 242	10 898	8 075
	1992	8 623	8 621	9 735	6 791	9 603	8 544	9 537	8 110
Amount from Conservation Reserve and Wetlands Reserve Programs	farms, 1997	103	140	81	155	120	135	106	134
	1992	72	110	41	128	94	118	89	104
	$1,000, 1997	472	481	127	1 032	287	351	335	624
	1992	718	454	120	866	320	361	310	727
Average per farm	dollars, 1997	4 584	3 435	1 567	6 659	2 392	2 597	3 161	4 655
	1992	9 966	4 124	2 919	6 769	3 407	3 063	3 478	6 993
FARMS BY SIZE									
1 to 9 acres	1997	6	11	25	12	22	21	22	17
	1992	10	28	50	32	39	41	45	25
10 to 49 acres	1997	5	16	20	8	27	12	41	15
	1992	10	14	26	22	22	20	30	16
50 to 69 acres	1997	5	7	6	13	10	3	14	8
	1992	8	6	4	21	9	11	18	14
70 to 99 acres	1997	24	38	46	28	46	31	32	26
	1992	27	33	42	21	41	33	51	31
100 to 139 acres	1997	20	33	34	46	29	28	52	46
	1992	18	35	40	57	41	30	78	43
140 to 179 acres	1997	33	42	67	48	49	92	45	55
	1992	44	62	78	73	62	118	74	46
180 to 219 acres	1997	22	31	29	37	39	32	37	32
	1992	24	37	37	41	48	31	47	36
220 to 259 acres	1997	23	36	33	22	44	59	40	30
	1992	23	38	74	59	48	72	48	42
260 to 499 acres	1997	89	155	182	148	159	188	170	177
	1992	124	185	193	187	218	262	208	196
500 to 999 acres	1997	117	191	137	137	172	184	176	165
	1992	123	208	161	155	185	180	184	210
1,000 to 1,999 acres	1997	81	64	60	53	66	61	70	85
	1992	78	72	49	52	54	43	53	77
2,000 acres or more	1997	21	12	12	11	16	5	8	17
	1992	13	6	6	8	4	1	3	11
VALUE OF LAND AND BUILDINGS[1]									
Estimated market value of land and buildings:									
Average per farm	dollars, 1997	887 796	1 004 583	1 100 542	641 210	1 092 038	962 621	930 118	777 537
	1992	522 745	669 745	687 458	467 617	738 411	573 017	542 910	486 202
Average per acre	dollars, 1997	1 290	2 029	2 284	1 279	2 358	2 106	1 989	1 480
	1992	947	1 362	1 670	1 033	1 677	1 437	1 433	946

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item		Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
FARM PRODUCTION EXPENSES[1]—Con.									
1997 farm production expenses—Con.									
Petroleum products	farms	524	648	536	523	655	845	853	455
	$1,000	2 590	3 496	2 886	2 720	3 315	3 700	3 817	1 790
Electricity	farms	461	590	510	464	608	721	746	420
	$1,000	638	1 076	723	1 077	1 148	1 352	1 278	571
Hired farm labor	farms	169	286	271	244	300	328	278	173
	$1,000	1 559	2 635	2 419	2 021	1 938	1 497	4 042	903
Contract labor	farms	62	35	55	32	93	56	27	60
	$1,000	293	105	148	252	256	48	145	235
Repair and maintenance	farms	516	591	520	483	625	752	817	416
	$1,000	3 787	4 749	4 203	3 731	4 820	4 271	6 001	2 609
Customwork, machine hire, and rental of machinery and equipment	farms	285	313	226	317	426	470	435	216
	$1,000	1 536	1 395	687	1 111	1 496	1 552	2 003	648
Interest	farms	303	408	396	354	484	582	585	278
	$1,000	4 449	4 906	4 454	4 100	6 096	5 601	6 810	2 615
Cash rent	farms	290	335	274	293	362	251	378	207
	$1,000	6 552	6 869	9 280	8 847	6 380	4 726	10 526	3 574
Property taxes	farms	447	601	464	464	564	757	716	404
	$1,000	1 920	2 165	1 516	1 671	1 972	2 438	2 849	1 320
All other farm production expenses	farms	531	649	536	530	655	852	877	465
	$1,000	4 549	5 653	4 984	5 048	6 266	5 967	8 292	3 016
NET CASH RETURN[1]									
Net cash return from agricultural sales for the farm unit (see text)	farms, 1997	531	649	536	530	655	852	877	465
	1992	570	716	636	655	757	994	1 009	502
	$1,000, 1997	21 558	24 059	32 324	23 338	28 410	16 581	47 469	15 219
	1992	14 695	11 083	27 690	18 999	16 491	9 623	32 955	12 397
Average per farm	dollars, 1997	40 598	37 071	60 306	44 033	43 374	19 461	54 126	32 729
	1992	25 781	15 479	43 538	29 006	21 785	9 681	32 661	24 694
Farms with net gains[2]	number, 1997	465	526	478	429	529	578	805	379
	1992	455	474	526	567	525	673	819	388
	$1,000, 1997	22 298	26 550	33 032	24 743	29 887	20 392	48 239	15 894
	1992	16 083	14 959	29 758	20 539	18 829	14 367	35 888	13 108
Average per farm	dollars, 1997	47 952	50 476	69 104	57 676	56 497	35 280	59 924	41 936
	1992	35 348	31 560	56 573	36 225	35 864	21 348	43 819	33 784
Farms with net losses	number, 1997	66	123	58	101	126	274	72	86
	1992	115	242	110	88	232	321	190	114
	$1,000, 1997	740	2 492	708	1 405	1 477	3 811	770	675
	1992	1 388	3 876	2 067	1 540	2 337	4 745	2 933	712
Average per farm	dollars, 1997	11 211	20 257	12 205	13 913	11 720	13 909	10 692	7 846
	1992	12 071	16 017	18 794	17 503	10 074	14 781	15 437	6 242
GOVERNMENT PAYMENTS									
Total received	farms, 1997	444	534	453	420	543	655	698	384
	1992	428	518	513	476	552	654	701	378
	$1,000, 1997	4 056	4 293	3 874	3 566	5 316	4 608	6 167	2 931
	1992	3 501	4 180	4 472	3 899	5 392	4 358	5 704	2 992
Average per farm	dollars, 1997	9 134	8 039	8 552	8 489	9 791	7 035	8 835	7 633
	1992	8 180	8 069	8 717	8 191	9 767	6 663	8 137	7 916
Amount from Conservation Reserve and Wetlands Reserve Programs	farms, 1997	153	183	58	99	200	193	183	164
	1992	98	148	57	68	158	165	155	106
	$1,000, 1997	1 072	595	152	405	1 428	1 459	927	937
	1992	626	843	(D)	440	1 341	1 168	1 009	778
Average per farm	dollars, 1997	7 010	3 249	2 622	4 093	7 139	7 562	5 067	5 711
	1992	6 390	5 693	(D)	6 464	8 489	7 076	6 511	7 341
FARMS BY SIZE									
1 to 9 acres	1997	17	15	15	11	15	20	17	7
	1992	19	33	28	33	29	45	51	19
10 to 49 acres	1997	11	18	13	19	25	38	49	23
	1992	15	31	11	24	20	46	32	14
50 to 69 acres	1997	15	17	6	10	10	31	16	10
	1992	15	13	3	11	15	30	19	7
70 to 99 acres	1997	30	42	26	27	28	39	43	25
	1992	26	33	30	23	41	40	51	22
100 to 139 acres	1997	39	54	14	26	42	68	52	40
	1992	57	51	15	37	53	94	54	42
140 to 179 acres	1997	57	96	66	53	54	84	70	26
	1992	54	82	66	61	82	105	81	42
180 to 219 acres	1997	43	60	33	25	41	87	55	44
	1992	42	63	24	37	68	104	59	31
220 to 259 acres	1997	31	42	25	42	52	63	61	29
	1992	41	76	30	43	63	69	82	31
260 to 499 acres	1997	145	160	138	145	209	248	217	125
	1992	156	198	196	192	213	277	302	159
500 to 999 acres	1997	100	101	149	115	138	130	207	84
	1992	113	95	168	149	133	160	200	102
1,000 to 1,999 acres	1997	39	35	45	53	34	36	86	36
	1992	30	35	41	47	38	23	74	34
2,000 acres or more	1997	3	11	6	6	7	4	10	7
	1992	1	5	3	1	5	4	8	2
VALUE OF LAND AND BUILDINGS[1]									
Estimated market value of land and buildings:									
Average per farm	dollars, 1997	681 482	526 983	1 024 037	769 617	633 371	370 638	692 971	449 978
	1992	489 319	354 805	668 300	448 586	377 293	275 582	468 108	385 842
Average per acre	dollars, 1997	1 544	1 388	2 275	1 726	1 401	1 211	1 606	1 206
	1992	1 262	996	1 532	1 143	1 018	866	1 164	967

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item		Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
FARM PRODUCTION EXPENSES[1]—Con.									
1997 farm production expenses—Con.									
Petroleum products	farms	796	779	615	1 261	511	897	394	350
	$1,000	3 682	4 540	4 203	7 535	2 879	3 848	2 201	1 171
Electricity	farms	695	732	589	1 143	509	775	348	329
	$1,000	1 166	1 543	1 227	2 434	987	1 269	798	341
Hired farm labor	farms	357	278	179	652	257	302	157	91
	$1,000	2 003	3 421	2 340	4 411	(D)	2 974	2 495	398
Contract labor	farms	79	56	40	110	52	98	32	28
	$1,000	332	367	96	692	(D)	168	31	95
Repair and maintenance	farms	761	735	565	1 188	511	816	392	331
	$1,000	4 319	5 653	4 657	10 678	4 682	5 013	3 020	1 510
Customwork, machine hire, and rental of machinery and equipment	farms	531	483	322	630	254	518	168	132
	$1,000	1 701	1 646	1 292	3 024	915	1 783	1 119	382
Interest	farms	575	529	491	976	271	587	293	198
	$1,000	4 629	7 383	5 714	11 984	3 343	6 607	4 248	2 012
Cash rent	farms	397	426	279	814	169	410	200	136
	$1,000	6 715	10 225	5 274	21 848	3 538	9 336	6 147	1 282
Property taxes	farms	666	691	580	1 021	496	760	359	347
	$1,000	2 318	2 735	3 178	3 250	1 773	2 660	1 631	1 502
All other farm production expenses	farms	806	784	636	1 275	521	897	403	357
	$1,000	5 433	7 625	6 338	14 284	4 659	6 396	5 193	2 276
NET CASH RETURN[1]									
Net cash return from agricultural sales for the farm unit (see text)	farms, 1997	806	784	636	1 275	521	897	403	357
	1992	897	908	718	1 487	594	1 021	440	367
	$1,000, 1997	25 006	28 487	24 087	68 756	20 179	30 593	23 608	6 320
	1992	15 031	18 578	16 945	42 354	15 229	19 909	9 885	2 240
Average per farm	dollars, 1997	31 024	36 336	37 873	53 926	38 730	34 106	58 582	17 703
	1992	16 757	20 461	23 601	28 483	25 638	19 500	22 465	6 104
Farms with net gains[2]	number, 1997	634	636	473	1 116	376	717	337	286
	1992	570	589	538	1 159	491	831	298	267
	$1,000, 1997	26 753	30 714	26 616	70 793	22 315	32 506	24 767	(D)
	1992	18 568	22 944	18 898	46 338	16 710	22 655	11 385	3 951
Average per farm	dollars, 1997	42 198	48 292	56 270	63 435	59 349	45 336	73 493	(D)
	1992	32 575	38 954	35 126	39 981	34 032	27 262	38 205	14 798
Farms with net losses	number, 1997	172	148	163	159	145	180	66	71
	1992	327	319	180	328	103	190	142	100
	$1,000, 1997	1 748	2 227	2 529	2 037	2 137	1 913	1 159	(D)
	1992	3 537	4 366	1 952	3 983	1 481	2 746	1 500	1 711
Average per farm	dollars, 1997	10 161	15 045	15 514	12 811	14 736	10 629	17 556	(D)
	1992	10 816	13 685	10 846	12 144	14 375	14 451	10 566	17 109
GOVERNMENT PAYMENTS									
Total received	farms, 1997	570	649	517	1 102	399	710	343	272
	1992	506	658	517	1 154	387	665	347	228
	$1,000, 1997	4 691	6 031	5 729	9 998	3 026	5 333	3 707	2 239
	1992	4 278	5 614	5 871	9 839	2 800	5 257	3 624	1 705
Average per farm	dollars, 1997	8 230	9 292	11 082	9 072	7 583	7 511	10 807	8 231
	1992	8 454	8 532	11 356	8 526	7 236	7 906	10 443	7 480
Amount from Conservation Reserve and Wetlands Reserve Programs	farms, 1997	136	142	256	186	141	178	121	154
	1992	87	77	242	143	95	134	76	110
	$1,000, 1997	871	614	2 167	520	755	838	839	1 385
	1992	738	479	2 299	533	416	726	549	861
Average per farm	dollars, 1997	6 406	4 324	8 465	2 798	5 352	4 710	6 933	8 995
	1992	8 481	6 226	9 502	3 729	4 375	5 416	7 225	7 824
FARMS BY SIZE									
1 to 9 acres	1997	13	20	14	29	12	29	7	10
	1992	28	52	23	47	12	44	12	5
10 to 49 acres	1997	42	38	25	50	18	50	14	10
	1992	46	37	27	31	28	43	12	9
50 to 69 acres	1997	25	19	17	12	10	35	9	7
	1992	31	27	22	14	6	44	10	3
70 to 99 acres	1997	91	37	29	53	33	76	16	16
	1992	90	55	22	80	26	96	18	9
100 to 139 acres	1997	103	56	30	59	35	90	24	24
	1992	118	65	60	71	36	114	32	20
140 to 179 acres	1997	79	73	54	132	33	95	19	16
	1992	108	76	61	160	65	109	30	18
180 to 219 acres	1997	69	68	40	54	49	77	31	25
	1992	70	78	46	56	40	77	38	23
220 to 259 acres	1997	53	61	37	90	35	48	34	30
	1992	65	67	50	109	45	77	32	33
260 to 499 acres	1997	167	205	170	385	120	227	113	100
	1992	187	254	191	508	169	227	135	108
500 to 999 acres	1997	132	164	154	310	130	112	104	83
	1992	130	168	166	326	128	148	88	99
1,000 to 1,999 acres	1997	30	47	55	93	39	49	31	30
	1992	25	31	50	74	38	36	27	27
2,000 acres or more	1997	3	2	6	13	5	9	2	11
	1992	2	3	4	8	3	8	3	8
VALUE OF LAND AND BUILDINGS[1]									
Estimated market value of land and buildings:									
Average per farm	dollars, 1997	576 633	600 676	730 697	963 888	545 032	761 188	633 691	373 324
	1992	439 887	408 557	405 888	657 350	416 558	474 219	494 778	260 174
Average per acre	dollars, 1997	1 809	1 597	1 575	2 217	1 323	2 262	1 532	703
	1992	1 493	1 174	983	1 531	978	1 473	1 097	512

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item		Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
FARM PRODUCTION EXPENSES[1]—Con.									
1997 farm production expenses—Con.									
Petroleum products	farms	984	564	729	552	630	371	667	561
	$1,000	5 069	2 295	3 709	2 474	3 640	1 732	4 450	2 833
Electricity	farms	883	478	687	457	567	339	567	517
	$1,000	2 013	1 046	2 100	705	981	612	1 569	902
Hired farm labor	farms	434	179	292	201	278	143	331	204
	$1,000	3 724	2 824	4 045	1 779	3 724	712	5 783	2 225
Contract labor	farms	27	30	30	45	47	19	73	73
	$1,000	157	122	211	94	220	46	(D)	236
Repair and maintenance	farms	969	511	644	520	530	347	574	483
	$1,000	7 165	3 669	6 148	3 230	4 523	2 702	5 257	3 991
Customwork, machine hire, and rental of machinery and equipment	farms	528	318	442	301	417	220	360	325
	$1,000	2 036	1 187	1 504	1 216	2 637	910	1 425	1 894
Interest	farms	753	398	558	374	421	239	534	346
	$1,000	9 787	4 228	7 136	4 209	4 779	3 084	8 431	3 990
Cash rent	farms	587	279	305	240	333	189	406	237
	$1,000	11 883	2 760	6 455	4 422	11 341	3 710	(D)	7 082
Property taxes	farms	833	530	614	474	536	332	546	420
	$1,000	2 220	1 800	2 862	1 716	2 047	1 425	1 961	1 598
All other farm production expenses	farms	999	566	738	552	657	371	676	561
	$1,000	10 922	5 824	7 635	4 629	8 596	3 951	10 896	4 888
NET CASH RETURN[1]									
Net cash return from agricultural sales for the farm unit (see text)	farms, 1997	999	566	738	552	657	371	676	561
	1992	1 087	669	841	655	760	439	707	698
	$1,000, 1997	51 103	19 470	40 172	20 432	29 935	20 935	31 215	26 807
	1992	31 487	15 864	23 115	15 361	22 090	18 116	19 713	28 839
Average per farm	dollars, 1997	51 154	34 399	54 433	37 014	45 563	56 428	46 177	47 784
	1992	28 967	23 714	27 485	23 451	29 066	41 267	27 882	41 317
Farms with net gains[2]	number, 1997	846	389	554	407	582	302	519	459
	1992	811	483	690	540	581	399	529	533
	$1,000, 1997	53 776	21 157	42 833	22 496	31 406	21 708	35 518	29 730
	1992	35 446	17 543	25 888	16 780	24 417	18 516	22 438	31 316
Average per farm	dollars, 1997	63 565	54 387	77 316	55 272	53 962	71 880	68 436	64 772
	1992	43 706	36 321	37 519	31 073	42 026	46 405	42 416	58 754
Farms with net losses	number, 1997	153	177	184	145	75	69	157	102
	1992	276	186	151	115	179	40	178	165
	$1,000, 1997	2 673	1 687	2 661	2 064	1 471	773	4 303	2 923
	1992	3 958	1 679	2 773	1 419	2 327	399	2 725	2 477
Average per farm	dollars, 1997	17 472	9 529	14 464	14 236	19 614	11 204	27 406	28 661
	1992	14 342	9 026	18 362	12 340	13 002	9 982	15 311	15 010
GOVERNMENT PAYMENTS									
Total received	farms, 1997	783	471	597	416	551	309	533	473
	1992	741	456	603	411	568	344	506	487
	$1,000, 1997	4 504	3 064	4 909	3 109	6 096	2 837	4 725	4 283
	1992	4 436	2 624	4 671	2 504	5 842	3 059	4 437	4 403
Average per farm	dollars, 1997	5 753	6 504	8 223	7 474	11 063	9 180	8 864	9 055
	1992	5 986	5 754	7 747	6 092	10 286	8 892	8 769	9 040
Amount from Conservation Reserve and Wetlands Reserve Programs	farms, 1997	135	164	239	167	149	75	130	115
	1992	84	108	181	118	143	63	109	105
	$1,000, 1997	431	934	1 141	849	564	304	408	720
	1992	343	674	1 011	562	959	371	537	897
Average per farm	dollars, 1997	3 191	5 698	4 775	5 085	3 788	4 059	3 139	6 262
	1992	4 084	6 243	5 584	4 761	6 707	5 883	4 928	8 546
FARMS BY SIZE									
1 to 9 acres	1997	69	6	23	11	13	2	35	9
	1992	87	17	46	21	35	8	52	26
10 to 49 acres	1997	52	17	22	16	31	5	29	13
	1992	58	26	33	27	37	10	39	22
50 to 69 acres	1997	15	10	22	13	18	6	16	8
	1992	12	12	19	17	20	13	12	9
70 to 99 acres	1997	61	24	45	36	37	17	38	25
	1992	46	46	45	44	46	18	29	24
100 to 139 acres	1997	38	50	46	47	39	29	41	27
	1992	48	53	66	59	48	30	29	24
140 to 179 acres	1997	125	49	68	65	61	17	70	54
	1992	131	67	73	71	70	29	83	63
180 to 219 acres	1997	49	37	49	27	32	20	44	21
	1992	59	41	70	52	43	27	45	33
220 to 259 acres	1997	71	37	56	27	54	16	38	27
	1992	87	54	54	38	60	20	54	45
260 to 499 acres	1997	296	149	186	127	147	90	176	129
	1992	368	175	236	164	173	99	186	179
500 to 999 acres	1997	179	128	165	123	150	102	142	150
	1992	160	140	166	128	177	126	143	171
1,000 to 1,999 acres	1997	33	45	45	42	67	57	45	73
	1992	31	40	26	30	50	46	34	85
2,000 acres or more	1997	3	14	7	11	7	12	1	25
	1992	1	7	6	4	5	12	2	17
VALUE OF LAND AND BUILDINGS[1]									
Estimated market value of land and buildings:									
Average per farm	dollars, 1997	636 631	659 879	596 044	610 799	864 633	863 601	686 000	801 839
	1992	419 772	346 452	474 526	360 471	526 819	608 917	462 914	491 974
Average per acre	dollars, 1997	1 917	1 280	1 632	1 418	1 991	1 558	1 878	1 291
	1992	1 345	816	1 294	1 001	1 283	1 120	1 244	896

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item		Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
FARM PRODUCTION EXPENSES[1]—Con.									
1997 farm production expenses—Con.									
Petroleum products	farms	402	410	500	938	586	601	663	1 159
	$1,000	1 246	1 868	2 799	4 643	3 318	2 317	4 016	5 984
Electricity	farms	357	378	460	867	543	504	622	1 078
	$1,000	440	713	790	1 530	1 045	883	1 412	2 193
Hired farm labor	farms	151	177	223	456	171	235	350	513
	$1,000	985	2 828	2 362	3 118	3 141	(D)	4 149	4 764
Contract labor	farms	64	18	34	81	54	38	29	114
	$1,000	352	180	78	(D)	370	(D)	304	623
Repair and maintenance	farms	396	385	510	875	530	543	622	1 120
	$1,000	2 047	3 318	3 588	6 076	4 031	3 698	5 087	9 472
Customwork, machine hire, and rental of machinery and equipment	farms	262	215	240	596	356	426	352	691
	$1,000	1 744	1 180	597	2 105	1 174	2 464	2 418	2 828
Interest	farms	324	301	401	732	419	406	458	821
	$1,000	2 809	3 631	4 211	8 414	5 890	3 768	7 884	10 087
Cash rent	farms	138	165	345	595	381	200	361	693
	$1,000	1 378	3 743	8 143	(D)	9 850	2 818	8 262	17 695
Property taxes	farms	397	355	399	736	471	556	520	1 077
	$1,000	1 189	1 897	1 516	1 942	1 378	2 032	2 398	3 238
All other farm production expenses	farms	417	418	528	939	586	612	664	1 202
	$1,000	2 777	4 912	4 659	9 770	7 684	4 843	7 997	12 066
NET CASH RETURN[1]									
Net cash return from agricultural sales for the farm unit (see text)	farms, 1997	417	418	528	939	586	612	664	1 202
	1992	431	506	597	1 042	671	741	757	1 387
	$1,000, 1997	7 376	27 355	14 180	48 252	38 716	24 214	49 105	52 284
	1992	6 294	15 907	12 848	33 535	25 261	30 419	31 938	43 528
Average per farm	dollars, 1997	17 688	65 443	26 857	51 387	66 069	39 566	73 953	43 498
	1992	14 604	31 437	21 522	32 184	37 647	41 052	42 191	31 383
Farms with net gains[2]	number, 1997	241	392	368	836	529	532	600	997
	1992	336	431	448	849	580	673	658	1 070
	$1,000, 1997	9 562	27 932	16 828	49 954	40 393	25 136	49 919	55 526
	1992	7 800	16 540	14 489	35 829	26 884	31 082	33 587	48 338
Average per farm	dollars, 1997	39 674	71 256	45 730	59 753	76 357	47 247	83 199	55 693
	1992	23 215	38 376	32 341	42 201	46 352	46 184	51 044	45 176
Farms with net losses	number, 1997	176	26	160	103	57	80	64	205
	1992	95	75	149	193	91	68	99	317
	$1,000, 1997	2 186	577	2 648	1 701	1 676	921	815	3 242
	1992	1 506	633	1 640	2 294	1 623	662	1 648	4 810
Average per farm	dollars, 1997	12 419	22 193	16 550	16 517	29 410	11 516	12 728	15 813
	1992	15 853	8 437	11 008	11 884	17 835	9 739	16 650	15 173
GOVERNMENT PAYMENTS									
Total received	farms, 1997	289	354	429	734	476	499	573	936
	1992	250	384	427	804	538	501	622	966
	$1,000, 1997	1 914	2 951	4 048	5 402	3 656	3 429	5 504	6 987
	1992	1 502	2 846	3 628	5 324	3 602	3 123	5 893	6 700
Average per farm	dollars, 1997	6 621	8 336	9 436	7 360	7 680	6 872	9 605	7 464
	1992	6 009	7 410	8 496	6 621	6 696	6 234	9 475	6 936
Amount from Conservation Reserve and Wetlands Reserve Programs	farms, 1997	130	125	111	125	105	186	152	195
	1992	96	86	61	84	81	138	170	146
	$1,000, 1997	965	567	479	384	339	1 049	679	808
	1992	696	536	315	240	350	947	890	883
Average per farm	dollars, 1997	7 422	4 536	4 319	3 072	3 230	5 638	4 468	4 144
	1992	7 254	6 230	5 170	2 851	4 319	6 863	5 237	6 049
FARMS BY SIZE									
1 to 9 acres	1997	7	6	11	46	27	16	16	50
	1992	17	9	29	80	43	26	26	102
10 to 49 acres	1997	8	10	33	42	21	18	17	55
	1992	12	12	30	31	15	21	19	63
50 to 69 acres	1997	8	4	17	8	5	11	5	18
	1992	5	5	12	9	7	20	9	14
70 to 99 acres	1997	14	17	37	57	34	36	34	57
	1992	15	20	47	62	36	55	26	66
100 to 139 acres	1997	45	21	28	26	29	24	32	52
	1992	25	25	32	33	21	44	37	75
140 to 179 acres	1997	25	32	70	92	89	69	64	103
	1992	27	41	70	133	81	52	55	120
180 to 219 acres	1997	28	26	35	48	16	36	18	57
	1992	25	37	44	49	24	31	35	73
220 to 259 acres	1997	36	26	29	75	41	29	32	95
	1992	35	33	51	84	56	50	55	100
260 to 499 acres	1997	115	100	128	265	152	148	194	374
	1992	133	154	147	338	221	210	230	461
500 to 999 acres	1997	99	119	101	202	133	159	190	262
	1992	103	132	103	185	131	186	214	238
1,000 to 1,999 acres	1997	24	54	36	54	36	55	58	62
	1992	27	36	28	37	43	44	46	64
2,000 acres or more	1997	6	4	2	2	4	9	5	10
	1992	4	4	3	1	1	2	2	6
VALUE OF LAND AND BUILDINGS[1]									
Estimated market value of land and buildings:									
Average per farm	dollars, 1997	338 500	682 623	595 603	823 767	798 779	507 157	918 102	737 298
	1992	248 357	406 439	462 016	548 124	590 886	336 681	602 991	469 537
Average per acre	dollars, 1997	778	1 223	1 665	2 250	1 817	1 152	1 949	1 900
	1992	592	894	1 414	1 675	1 438	803	1 408	1 285

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item		Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
FARM PRODUCTION EXPENSES[1]—Con.									
1997 farm production expenses—Con.									
Petroleum products	farms	727	466	982	625	397	700	586	796
	$1,000	3 630	1 986	4 982	4 114	1 993	3 944	3 508	3 846
Electricity	farms	680	433	875	572	353	622	560	748
	$1,000	1 013	542	1 835	1 163	735	1 557	1 016	1 640
Hired farm labor	farms	361	193	399	237	105	449	195	339
	$1,000	(D)	2 724	4 240	3 923	2 047	6 132	2 519	2 186
Contract labor	farms	69	34	43	41	47	22	63	37
	$1,000	371	124	75	738	51	195	155	104
Repair and maintenance	farms	688	427	972	581	379	665	548	770
	$1,000	5 944	2 984	7 925	5 851	2 337	5 913	4 354	4 908
Customwork, machine hire, and rental of machinery and equipment	farms	359	223	624	299	195	401	302	462
	$1,000	1 386	1 093	2 278	1 103	1 255	2 030	1 105	1 655
Interest	farms	518	291	772	423	274	537	393	550
	$1,000	5 805	2 327	9 859	5 796	3 689	9 487	5 100	5 763
Cash rent	farms	399	245	635	344	154	441	379	497
	$1,000	(D)	6 152	17 197	8 331	1 956	15 245	13 946	10 754
Property taxes	farms	592	374	784	542	386	621	494	662
	$1,000	1 690	1 546	3 595	1 887	1 284	2 158	1 853	2 497
All other farm production expenses	farms	735	467	1 011	639	402	723	598	806
	$1,000	6 644	4 048	9 246	6 430	4 128	10 999	5 403	7 913
NET CASH RETURN[1]									
Net cash return from agricultural sales for the farm unit (see text)	farms, 1997	735	467	1 011	639	402	723	598	806
	1992	842	534	1 152	756	479	864	703	969
	$1,000, 1997	48 649	25 729	50 496	33 513	6 876	46 817	24 006	33 948
	1992	33 853	19 993	47 704	20 626	7 929	31 313	15 525	26 647
Average per farm	dollars, 1997	66 189	55 095	49 946	52 447	17 106	64 753	40 144	42 119
	1992	40 205	37 440	41 410	27 283	16 553	36 242	22 085	27 499
Farms with net gains[2]	number, 1997	669	409	845	547	319	607	488	658
	1992	726	466	1 020	638	333	697	520	767
	$1,000, 1997	49 319	26 235	54 068	34 904	12 604	48 762	25 417	35 653
	1992	35 209	20 853	49 097	22 432	9 956	34 690	18 813	28 970
Average per farm	dollars, 1997	73 720	64 143	63 985	63 810	39 510	80 334	52 084	54 184
	1992	48 497	44 750	48 134	35 160	29 897	49 770	36 178	37 771
Farms with net losses	number, 1997	66	58	166	92	83	116	110	148
	1992	116	68	132	118	146	167	183	202
	$1,000, 1997	670	505	3 572	1 391	5 727	1 946	1 411	1 706
	1992	1 356	860	1 393	1 807	2 027	3 377	3 287	2 324
Average per farm	dollars, 1997	10 148	8 708	21 517	15 118	69 001	16 774	12 828	11 524
	1992	11 689	12 652	10 549	15 310	13 882	20 219	17 963	11 503
GOVERNMENT PAYMENTS									
Total received	farms, 1997	632	358	828	549	349	588	471	674
	1992	698	377	850	577	320	662	476	704
	$1,000, 1997	5 737	3 185	7 145	5 454	2 590	4 868	5 032	5 475
	1992	5 593	3 178	6 972	5 467	2 904	4 571	4 859	5 233
Average per farm	dollars, 1997	9 077	8 897	8 629	9 935	7 422	8 279	10 683	8 123
	1992	8 012	8 429	8 202	9 474	9 074	6 905	10 209	7 433
Amount from Conservation Reserve and Wetlands Reserve Programs	farms, 1997	112	68	130	196	191	103	65	142
	1992	88	56	83	191	192	90	42	81
	$1,000, 1997	306	280	535	1 612	1 547	237	219	432
	1992	278	231	414	1 615	1 756	268	272	405
Average per farm	dollars, 1997	2 729	4 123	4 115	8 224	8 100	2 297	3 362	3 041
	1992	3 155	4 128	4 989	8 455	9 145	2 977	6 474	5 002
FARMS BY SIZE									
1 to 9 acres	1997	15	11	21	12	5	27	8	28
	1992	28	22	34	30	6	54	31	69
10 to 49 acres	1997	16	34	36	21	7	31	33	20
	1992	25	34	49	16	5	33	37	25
50 to 69 acres	1997	7	10	23	11	3	14	16	12
	1992	7	22	21	13	9	5	22	13
70 to 99 acres	1997	40	39	42	29	17	34	54	28
	1992	37	42	43	32	11	46	59	32
100 to 139 acres	1997	31	40	57	42	23	36	51	59
	1992	42	42	61	50	26	39	54	68
140 to 179 acres	1997	56	47	81	54	21	68	68	65
	1992	72	50	101	73	25	88	79	90
180 to 219 acres	1997	27	28	54	40	35	32	42	62
	1992	48	30	68	42	16	36	64	66
220 to 259 acres	1997	37	27	48	35	34	39	44	57
	1992	51	40	56	48	42	55	40	69
260 to 499 acres	1997	201	86	239	162	103	211	135	232
	1992	241	113	313	196	142	260	174	308
500 to 999 acres	1997	216	83	272	167	90	162	107	188
	1992	237	93	308	200	133	188	112	194
1,000 to 1,999 acres	1997	67	49	118	56	56	57	36	53
	1992	50	39	86	50	56	51	30	38
2,000 acres or more	1997	6	9	16	9	11	11	4	3
	1992	2	9	13	6	11	5	1	3
VALUE OF LAND AND BUILDINGS[1]									
Estimated market value of land and buildings:									
Average per farm	dollars, 1997	1 040 716	920 681	906 429	671 482	395 173	929 777	1 076 861	665 429
	1992	644 077	546 453	519 745	440 530	273 097	608 447	620 252	416 242
Average per acre	dollars, 1997	2 293	1 957	1 896	1 454	726	2 122	2 832	1 615
	1992	1 454	1 338	1 144	1 051	512	1 498	1 873	1 171

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item		Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
FARM PRODUCTION EXPENSES[1]—Con.									
1997 farm production expenses—Con.									
Petroleum products	farms	1 565	698	816	478	377	450	350	593
	$1,000	8 214	3 576	4 162	1 904	1 248	1 293	1 592	2 305
Electricity	farms	1 428	614	756	447	302	364	306	491
	$1,000	4 001	1 174	1 222	583	361	452	397	799
Hired farm labor	farms	877	309	288	182	125	180	111	238
	$1,000	11 933	4 239	3 546	1 678	758	1 854	1 220	1 505
Contract labor	farms	167	57	53	31	46	17	14	53
	$1,000	774	168	176	224	83	35	54	158
Repair and maintenance	farms	1 469	662	760	468	367	433	346	500
	$1,000	13 325	5 398	5 367	2 031	1 708	2 052	1 998	3 391
Customwork, machine hire, and rental of machinery and equipment	farms	978	469	464	257	227	274	159	281
	$1,000	4 810	3 066	2 945	935	913	595	707	1 183
Interest	farms	1 164	479	555	325	283	346	182	348
	$1,000	17 793	5 724	7 815	3 275	2 914	3 255	2 163	2 834
Cash rent	farms	973	423	466	175	212	188	117	247
	$1,000	23 174	8 656	12 899	3 106	2 151	1 559	3 862	3 360
Property taxes	farms	1 389	587	695	462	383	434	337	526
	$1,000	3 662	2 693	2 616	1 496	1 083	1 414	1 149	1 883
All other farm production expenses	farms	1 574	734	842	484	404	450	359	593
	$1,000	24 901	7 286	8 843	3 170	2 503	2 850	2 323	3 962
NET CASH RETURN[1]									
Net cash return from agricultural sales for the farm unit (see text)	farms, 1997	1 574	734	842	484	404	450	359	593
	1992	1 798	783	1 021	557	471	478	434	682
	$1,000, 1997	115 558	46 786	26 083	16 131	6 588	8 588	12 302	18 729
	1992	81 965	29 430	16 962	7 677	10 149	6 372	8 085	14 105
Average per farm	dollars, 1997	73 417	63 741	30 977	33 328	16 306	19 084	34 268	31 583
	1992	45 587	37 586	16 613	13 783	21 548	13 331	18 630	20 681
Farms with net gains[2]	number, 1997	1 319	609	691	402	281	318	293	460
	1992	1 463	670	688	392	369	331	335	483
	$1,000, 1997	121 815	48 821	28 178	16 850	8 581	10 386	12 600	19 697
	1992	88 167	31 027	22 131	9 672	10 929	7 723	8 716	16 179
Average per farm	dollars, 1997	92 354	80 166	40 779	41 915	30 539	32 662	43 004	42 819
	1992	60 265	46 309	32 167	24 673	29 618	23 333	26 017	33 496
Farms with net losses	number, 1997	255	125	151	82	123	132	66	133
	1992	335	113	333	165	102	147	99	199
	$1,000, 1997	6 257	2 035	2 095	719	1 994	1 798	298	968
	1992	6 203	1 597	5 169	1 995	780	1 351	630	2 074
Average per farm	dollars, 1997	24 536	16 281	13 877	8 770	16 211	13 625	4 513	7 277
	1992	18 515	14 136	15 524	12 088	7 649	9 189	6 368	10 422
GOVERNMENT PAYMENTS									
Total received	farms, 1997	1 099	609	666	399	323	347	279	466
	1992	1 061	630	730	373	332	332	283	426
	$1,000, 1997	7 453	5 260	6 601	3 634	2 396	2 347	2 079	3 150
	1992	7 342	5 172	6 532	2 911	2 231	2 080	2 099	2 540
Average per farm	dollars, 1997	6 782	8 637	9 912	9 108	7 419	6 764	7 453	6 760
	1992	6 919	8 210	8 948	7 803	6 720	6 266	7 418	5 961
Amount from Conservation Reserve and Wetlands Reserve Programs	farms, 1997	121	135	194	213	137	146	96	168
	1992	78	93	135	185	119	148	77	128
	$1,000, 1997	312	356	766	1 644	1 146	963	548	964
	1992	235	439	875	1 340	951	862	502	619
Average per farm	dollars, 1997	2 576	2 636	3 949	7 718	8 365	6 599	5 712	5 740
	1992	3 007	4 721	6 481	7 242	7 988	5 822	6 524	4 835
FARMS BY SIZE									
1 to 9 acres	1997	162	21	16	11	10	6	6	15
	1992	225	24	37	17	14	13	13	15
10 to 49 acres	1997	108	34	37	12	20	13	9	21
	1992	141	42	38	16	11	17	10	28
50 to 69 acres	1997	30	11	7	4	6	8	3	17
	1992	36	17	22	8	2	8	11	14
70 to 99 acres	1997	97	66	40	13	25	17	21	38
	1992	121	68	58	12	27	24	25	43
100 to 139 acres	1997	96	49	56	34	10	27	18	45
	1992	104	48	63	24	18	28	31	70
140 to 179 acres	1997	173	78	81	44	34	31	23	61
	1992	181	84	107	45	38	45	52	61
180 to 219 acres	1997	73	54	55	34	21	23	34	54
	1992	103	48	54	50	25	38	20	61
220 to 259 acres	1997	130	36	58	34	32	37	23	35
	1992	152	44	84	44	38	22	42	33
260 to 499 acres	1997	408	144	236	137	110	133	98	143
	1992	471	174	288	161	146	149	118	182
500 to 999 acres	1997	236	165	188	110	86	108	85	102
	1992	225	179	210	133	121	102	84	116
1,000 to 1,999 acres	1997	52	60	55	43	39	34	37	47
	1992	35	44	45	42	22	29	25	45
2,000 acres or more	1997	5	14	8	14	8	5	2	12
	1992	3	12	7	8	8	5	1	8
VALUE OF LAND AND BUILDINGS[1]									
Estimated market value of land and buildings:									
Average per farm	dollars, 1997	726 251	982 286	782 779	452 053	424 821	347 018	553 674	579 952
	1992	457 051	620 006	519 113	298 211	317 330	301 658	374 085	377 247
Average per acre	dollars, 1997	2 428	2 179	1 935	896	867	853	1 333	1 447
	1992	1 730	1 604	1 341	611	706	753	1 014	890

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item		Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
FARM PRODUCTION EXPENSES[1]—Con.									
1997 farm production expenses—Con.									
Petroleum products	farms	776	452	787	468	999	873	469	602
	$1,000	4 606	1 452	4 299	3 084	5 154	4 536	2 997	4 076
Electricity	farms	755	423	688	429	903	842	441	547
	$1,000	1 537	430	1 160	1 072	2 332	1 617	784	1 530
Hired farm labor	farms	340	169	311	220	504	459	199	282
	$1,000	4 902	652	(D)	(D)	3 447	4 062	1 334	9 480
Contract labor	farms	43	33	39	37	92	96	46	41
	$1,000	618	94	(D)	193	297	319	123	154
Repair and maintenance	farms	763	424	743	440	980	823	442	574
	$1,000	6 136	1 752	6 562	3 471	7 349	6 475	2 851	5 854
Customwork, machine hire, and rental of machinery and equipment	farms	433	319	385	227	655	507	211	304
	$1,000	1 995	1 078	2 248	622	2 090	2 388	569	1 617
Interest	farms	536	307	592	357	695	592	366	479
	$1,000	6 553	2 049	6 446	4 269	7 292	6 927	4 201	11 442
Cash rent	farms	351	158	424	276	422	465	302	364
	$1,000	7 612	1 485	10 252	(D)	5 917	13 523	9 631	22 390
Property taxes	farms	728	445	618	382	885	753	430	492
	$1,000	2 952	1 524	2 623	1 696	2 959	2 868	1 738	2 313
All other farm production expenses	farms	810	458	802	468	1 007	893	476	614
	$1,000	10 224	2 540	14 481	4 568	9 256	8 626	4 557	10 861
NET CASH RETURN[1]									
Net cash return from agricultural sales for the farm unit (see text)	farms, 1997	810	458	802	468	1 007	893	476	614
	1992	899	503	907	538	1 204	938	517	716
	$1,000, 1997	45 630	7 502	53 621	21 932	29 385	34 986	17 776	30 312
	1992	27 690	6 362	40 906	11 433	26 317	23 887	9 959	28 587
Average per farm	dollars, 1997	56 333	16 380	66 859	46 864	29 180	39 178	37 344	49 368
	1992	30 801	12 648	45 100	21 252	21 858	25 465	19 264	39 926
Farms with net gains[2]	number, 1997	643	326	740	423	734	701	369	549
	1992	697	408	776	407	920	657	413	601
	$1,000, 1997	47 898	9 463	54 182	22 533	31 748	38 099	19 266	(D)
	1992	29 875	7 670	41 909	13 646	29 846	30 811	11 813	30 150
Average per farm	dollars, 1997	74 492	29 028	73 219	53 270	43 254	54 349	52 210	(D)
	1992	42 862	18 798	54 007	33 529	32 442	46 897	28 602	50 167
Farms with net losses	number, 1997	167	132	62	45	273	192	107	65
	1992	202	95	131	131	284	281	104	115
	$1,000, 1997	2 268	1 961	561	601	2 364	3 113	1 490	(D)
	1992	2 185	1 308	1 004	2 213	3 529	6 925	1 853	1 563
Average per farm	dollars, 1997	13 581	14 858	9 045	13 354	8 659	16 213	13 922	(D)
	1992	10 815	13 764	7 662	16 892	12 427	24 643	17 819	13 593
GOVERNMENT PAYMENTS									
Total received	farms, 1997	612	348	674	407	807	689	413	517
	1992	612	358	742	415	727	666	420	604
	$1,000, 1997	5 806	3 287	5 744	4 530	5 089	7 847	4 235	5 879
	1992	5 579	2 531	5 793	4 103	4 545	6 465	4 523	5 811
Average per farm	dollars, 1997	9 487	9 446	8 522	11 130	6 306	11 389	10 255	11 372
	1992	9 116	7 070	7 807	9 887	6 252	9 707	10 770	9 621
Amount from Conservation Reserve and Wetlands Reserve Programs	farms, 1997	235	181	121	105	234	214	114	120
	1992	158	134	84	90	189	163	118	107
	$1,000, 1997	1 301	1 728	265	410	975	1 332	378	328
	1992	955	981	324	463	1 113	1 486	599	472
Average per farm	dollars, 1997	5 537	9 549	2 188	3 902	4 167	6 223	3 313	2 729
	1992	6 042	7 320	3 860	5 140	5 888	9 119	5 080	4 413
FARMS BY SIZE									
1 to 9 acres	1997	38	12	22	24	17	30	19	15
	1992	63	18	42	22	63	52	24	20
10 to 49 acres	1997	32	12	23	16	46	47	17	13
	1992	47	9	17	17	47	41	27	22
50 to 69 acres	1997	15	3	16	8	16	14	8	6
	1992	13	–	16	14	15	16	10	7
70 to 99 acres	1997	49	10	39	25	55	35	25	33
	1992	49	14	49	32	55	41	21	28
100 to 139 acres	1997	62	31	45	15	84	49	24	30
	1992	56	31	44	25	128	59	27	31
140 to 179 acres	1997	77	20	66	40	128	78	47	42
	1992	74	27	92	56	175	73	39	68
180 to 219 acres	1997	59	24	45	22	90	39	23	38
	1992	70	31	60	26	114	75	22	33
220 to 259 acres	1997	53	21	49	23	96	53	26	29
	1992	71	41	54	36	120	67	35	33
260 to 499 acres	1997	223	131	215	124	296	238	100	125
	1992	251	143	233	130	337	205	135	195
500 to 999 acres	1997	156	126	178	118	150	206	134	181
	1992	173	144	226	139	138	223	131	204
1,000 to 1,999 acres	1997	37	50	90	47	23	88	49	94
	1992	29	39	67	34	15	69	43	67
2,000 acres or more	1997	5	12	17	6	4	21	–	6
	1992	2	8	9	3	1	16	1	6
VALUE OF LAND AND BUILDINGS[1]									
Estimated market value of land and buildings:									
Average per farm	dollars, 1997	682 685	342 769	1 234 441	892 594	410 653	664 198	774 218	1 216 707
	1992	428 399	258 693	687 681	539 389	235 624	477 462	501 056	785 999
Average per acre	dollars, 1997	1 827	619	2 380	1 806	1 340	1 291	1 639	2 218
	1992	1 373	514	1 629	1 256	900	1 005	1 192	1 578

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ... farms, 1997	67 253	593	383	649	429	511	926
1992	77 103	694	486	809	448	609	1 081
$1,000, 1997	6 829 857	49 893	35 336	55 850	27 419	54 509	103 475
1992	6 259 912	49 203	29 599	61 316	25 748	56 789	85 162
Average per farm ... dollars, 1997	101 555	84 136	92 262	86 055	63 914	106 671	111 745
1992	81 189	70 897	60 904	75 793	57 474	93 249	78 781
Motortrucks, including pickups ... farms, 1997	64 133	566	364	613	399	488	893
1992	71 780	643	458	725	428	563	1 028
number, 1997	120 564	1 014	736	876	799	852	1 824
1992	123 513	1 077	787	1 093	714	1 108	1 785
Wheel tractors ... farms, 1997	63 539	539	382	613	416	478	853
1992	73 034	643	469	773	438	563	1 032
number, 1997	213 657	1 699	1 119	2 134	1 180	1 521	2 922
1992	254 775	2 123	1 388	2 872	1 236	2 034	3 639
Grain and bean combines ... farms, 1997	40 597	413	246	257	230	320	666
1992	47 542	392	328	332	267	414	712
number, 1997	44 148	430	269	264	239	349	717
1992	51 879	421	342	336	287	448	742
TENURE OF OPERATOR							
Full owners ... farms, 1997	23 050	234	158	312	218	188	273
1992	27 907	284	212	436	213	222	348
acres, 1997	5 483 856	69 110	53 039	89 280	67 908	47 041	56 254
1992	6 324 511	73 531	65 558	122 044	66 137	56 047	74 525
Part owners ... farms, 1997	31 001	281	174	255	174	243	445
1992	32 859	317	218	291	195	269	485
acres, 1997	18 867 959	212 984	137 193	137 335	118 060	182 587	266 613
1992	18 020 871	209 778	128 587	151 410	116 316	161 810	246 193
Tenants ... farms, 1997	13 095	78	48	82	38	83	209
1992	16 358	91	61	80	36	120	245
acres, 1997	4 847 284	35 684	21 546	28 690	12 496	31 711	75 446
1992	5 556 813	28 134	27 845	23 585	14 556	40 067	88 032
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated ... 1997	51 312	445	287	541	345	394	747
1992	58 689	551	384	647	356	460	834
Not on farm operated ... 1997	13 079	125	81	85	73	99	147
1992	14 494	107	82	112	65	107	180
Not reported ... 1997	2 755	23	12	23	12	21	33
1992	3 941	34	25	48	23	44	64
Operators by principal occupation:							
Farming ... 1997	50 050	440	294	526	291	411	665
1992	60 793	573	388	691	335	510	837
Other ... 1997	17 096	153	86	123	139	103	262
1992	16 331	119	103	116	109	101	241
Operators by days worked off farm:							
None ... 1997	34 369	316	195	368	192	291	453
1992	42 433	417	265	514	242	371	568
Any ... 1997	29 259	249	160	236	215	205	431
1992	29 553	232	183	228	167	194	440
1 to 49 days ... 1997	5 815	48	33	47	28	47	83
1992	6 755	61	38	47	31	53	98
50 to 99 days ... 1997	2 493	13	13	19	16	19	30
1992	2 579	18	21	19	8	18	34
100 to 149 days ... 1997	2 249	23	19	27	15	20	23
1992	2 243	22	11	28	17	16	29
150 to 199 days ... 1997	2 915	22	11	24	39	27	42
1992	2 745	19	25	21	19	24	41
200 days or more ... 1997	15 787	143	84	119	117	92	253
1992	15 231	112	88	113	92	83	238
Not reported ... 1997	3 518	28	25	45	23	18	43
1992	5 138	43	43	65	35	46	70
1997 operators by years on present farm:							
2 years or less	2 211	13	8	17	10	10	31
3 or 4 years	2 646	26	6	29	17	15	31
5 to 9 years	6 857	48	32	75	52	62	85
10 years or more	47 948	426	299	445	298	376	674
Average years on present farm	23.3	25.5	26.4	22.5	25.3	23.3	23.1
Not reported	7 484	80	35	83	53	51	106
1997 operators by age group:							
Under 25 years	1 053	9	2	4	2	4	21
25 to 34 years	6 023	50	24	53	29	58	78
35 to 44 years	16 313	120	69	180	73	138	226
45 to 54 years	15 995	149	75	180	92	114	259
55 to 64 years	14 378	119	88	130	90	114	200
65 years and over	13 384	146	122	102	144	86	143
Average age	51.5	53.0	56.0	50.2	56.1	50.3	50.3
TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) ... farms, 1997	54 684	464	317	545	359	446	765
1992	63 512	552	406	658	390	540	883
acres, 1997	21 847 725	239 939	169 277	204 975	155 760	212 683	301 007
1992	23 061 927	239 921	173 713	226 695	173 975	212 447	308 432
Partnership ... farms, 1997	6 545	83	46	90	54	50	66
1992	8 646	96	68	130	44	56	121
acres, 1997	3 199 484	41 036	34 354	42 700	29 906	(D)	36 887
1992	3 634 158	37 566	36 810	61 386	16 052	(D)	52 830

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ... farms, 1997	767	646	743	917	781	822	693
1992	868	710	836	1 017	869	948	794
$1,000, 1997	79 327	80 167	66 465	82 989	84 876	69 259	87 502
1992	75 230	60 201	71 575	86 713	82 282	75 711	81 157
Average per farm ... dollars, 1997	103 425	124 097	89 455	90 501	108 675	84 257	126 265
1992	86 671	84 790	85 616	85 263	94 686	79 864	102 212
Motortrucks, including pickups ... farms, 1997	729	627	685	817	773	770	655
1992	818	678	775	905	780	887	736
number, 1997	1 420	1 343	1 163	1 403	1 508	1 250	1 304
1992	1 478	1 235	1 332	1 360	1 453	1 427	1 318
Wheel tractors ... farms, 1997	747	599	692	842	753	777	655
1992	808	690	807	944	833	887	782
number, 1997	2 326	2 024	2 293	2 768	2 599	2 560	2 456
1992	2 755	2 322	2 973	3 248	3 051	3 299	2 958
Grain and bean combines ... farms, 1997	450	392	492	520	552	527	519
1992	465	477	505	668	612	660	606
number, 1997	460	430	500	552	617	575	616
1992	492	519	543	706	667	691	627
TENURE OF OPERATOR							
Full owners ... farms, 1997	261	194	284	367	205	253	159
1992	320	209	327	413	229	340	197
acres, 1997	43 666	50 745	46 433	62 333	46 998	51 984	30 537
1992	53 233	48 531	50 083	74 383	50 352	58 570	36 156
Part owners ... farms, 1997	379	305	336	366	408	392	353
1992	375	322	338	374	406	411	387
acres, 1997	195 107	195 930	149 875	210 718	246 852	209 163	230 865
1992	188 369	199 815	144 877	195 646	214 829	194 342	224 815
Tenants ... farms, 1997	128	148	120	190	171	177	179
1992	173	183	170	227	230	203	210
acres, 1997	37 800	72 964	28 299	52 096	60 225	47 702	71 338
1992	51 089	71 847	32 861	55 259	74 376	52 172	79 347
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated ... 1997	591	475	607	703	606	649	477
1992	674	546	668	777	654	787	573
Not on farm operated ... 1997	138	153	105	166	144	138	186
1992	149	144	133	187	163	127	177
Not reported ... 1997	39	19	28	54	34	35	28
1992	45	24	34	50	48	40	44
Operators by principal occupation:							
Farming ... 1997	487	472	489	666	630	584	529
1992	574	540	582	755	727	731	641
Other ... 1997	281	175	251	257	154	238	162
1992	294	174	253	259	138	223	153
Operators by days worked off farm:							
None ... 1997	317	334	327	449	404	374	358
1992	367	393	399	525	517	509	412
Any ... 1997	414	287	380	422	329	409	302
1992	452	283	406	424	299	395	328
1 to 49 days ... 1997	62	52	49	83	93	88	78
1992	83	64	60	93	75	81	77
50 to 99 days ... 1997	32	25	28	28	31	29	34
1992	35	23	23	23	32	28	39
100 to 149 days ... 1997	32	20	28	31	32	27	23
1992	19	20	29	22	25	28	29
150 to 199 days ... 1997	32	23	28	40	19	35	36
1992	42	27	43	43	35	34	39
200 days or more ... 1997	256	167	247	240	154	230	131
1992	273	149	251	243	132	224	144
Not reported ... 1997	37	26	33	52	51	39	31
1992	49	38	30	65	49	50	54
1997 operators by years on present farm:							
2 years or less	19	8	25	44	19	32	15
3 or 4 years	29	24	32	49	25	27	33
5 to 9 years	68	52	84	109	80	95	51
10 years or more	560	494	521	606	570	589	517
Average years on present farm	23.2	25.2	21.7	21.0	23.2	22.7	22.8
Not reported	92	69	78	115	90	79	75
1997 operators by age group:							
Under 25 years	8	11	13	27	15	16	13
25 to 34 years	75	41	100	123	55	72	49
35 to 44 years	184	145	172	243	210	196	164
45 to 54 years	163	170	201	190	192	214	186
55 to 64 years	179	129	151	192	146	176	180
65 years and over	159	151	103	148	166	148	99
Average age	51.8	52.5	49.2	49.2	51.2	50.9	51.1
TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) ... farms, 1997	615	458	660	774	638	721	610
1992	687	536	746	862	700	831	696
acres, 1997	196 080	179 343	190 018	258 827	278 744	248 573	280 951
1992	213 516	205 342	196 893	258 230	264 157	249 041	287 663
Partnership ... farms, 1997	65	52	34	89	81	58	44
1992	99	62	54	104	103	81	60
acres, 1997	18 608	25 150	10 056	32 462	37 886	25 897	(D)
1992	28 602	27 380	14 388	38 226	39 037	(D)	32 779

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ..... farms, 1997	966	605	735	615	776	727	378
1992	1 089	758	903	693	878	783	436
$1,000, 1997	111 337	56 878	87 963	73 647	75 991	71 051	23 926
1992	78 799	57 280	84 074	70 001	72 938	73 394	19 081
Average per farm ..... dollars, 1997	115 256	94 014	119 678	119 751	97 927	97 732	63 296
1992	72 359	75 567	93 105	101 012	83 072	93 734	43 763
Motortrucks, including pickups ..... farms, 1997	929	556	713	600	748	692	371
1992	984	712	847	654	844	727	428
number, 1997	1 563	1 104	1 351	1 304	1 380	1 096	694
1992	1 551	1 242	1 461	1 231	1 454	1 150	708
Wheel tractors ..... farms, 1997	912	559	720	577	738	659	356
1992	1 014	733	879	667	765	753	415
number, 1997	3 376	1 905	2 788	1 800	2 452	2 280	1 019
1992	3 722	2 467	3 100	2 514	2 545	2 763	1 236
Grain and bean combines ..... farms, 1997	651	378	509	407	520	477	211
1992	712	459	612	480	565	438	241
number, 1997	692	398	531	458	555	500	222
1992	785	484	624	513	(D)	469	273
TENURE OF OPERATOR							
Full owners ..... farms, 1997	290	207	222	178	215	259	170
1992	361	255	306	206	233	302	202
acres, 1997	58 656	60 816	45 516	45 470	51 259	51 086	58 588
1992	64 645	67 580	63 053	59 396	52 383	62 729	71 263
Part owners ..... farms, 1997	443	299	357	289	368	344	172
1992	469	335	361	326	382	353	176
acres, 1997	212 866	212 562	201 902	188 994	199 798	177 573	112 066
1992	207 942	211 742	183 082	185 810	190 456	166 629	113 965
Tenants ..... farms, 1997	235	102	154	144	192	118	37
1992	258	166	232	166	266	129	58
acres, 1997	74 427	39 763	62 473	55 748	72 383	30 608	15 036
1992	83 285	59 485	81 721	59 836	88 460	31 249	22 115
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated 1997	702	468	560	424	605	562	302
1992	818	563	709	488	688	628	335
Not on farm operated 1997	233	115	145	163	139	124	52
1992	209	151	156	171	153	125	73
Not reported 1997	33	25	28	24	31	35	25
1992	61	42	34	39	40	31	28
Operators by principal occupation:							
Farming 1997	720	485	568	471	587	537	263
1992	883	632	731	545	722	612	348
Other 1997	248	123	165	140	188	184	116
1992	205	124	168	153	159	172	88
Operators by days worked off farm:							
None 1997	437	348	402	337	390	381	172
1992	599	421	512	408	517	438	244
Any 1997	482	230	301	247	329	301	174
1992	404	260	334	247	304	306	149
1 to 49 days 1997	110	49	69	59	77	46	29
1992	113	77	96	49	89	56	27
50 to 99 days 1997	51	14	27	17	25	23	17
1992	40	12	29	12	24	17	14
100 to 149 days 1997	33	17	19	13	27	19	5
1992	32	19	25	21	19	14	14
150 to 199 days 1997	44	23	24	25	28	33	27
1992	35	24	26	30	24	33	11
200 days or more 1997	244	127	162	133	172	180	96
1992	184	128	158	135	148	186	83
Not reported 1997	49	30	30	27	56	39	33
1992	85	75	53	43	60	40	43
1997 operators by years on present farm:							
2 years or less	32	21	29	12	24	35	12
3 or 4 years	43	11	24	21	24	26	23
5 to 9 years	111	58	79	59	87	76	38
10 years or more	678	449	536	442	568	502	266
Average years on present farm	21.5	25.1	23.4	22.9	21.9	22.0	24.3
Not reported	104	69	65	77	72	82	40
1997 operators by age group:							
Under 25 years	22	13	9	7	13	10	3
25 to 34 years	129	52	50	51	66	88	28
35 to 44 years	247	136	180	143	221	198	65
45 to 54 years	253	140	203	166	196	171	77
55 to 64 years	166	137	158	136	125	144	100
65 years and over	151	130	133	108	154	110	106
Average age	49.0	52.4	51.5	51.3	50.5	49.3	55.3
TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) ..... farms, 1997	812	505	578	488	640	611	330
1992	926	636	720	562	732	673	380
acres, 1997	282 211	249 184	226 811	220 676	251 480	205 570	150 146
1992	294 768	269 087	241 301	238 718	263 621	205 527	176 834
Partnership ..... farms, 1997	92	52	71	43	76	72	35
1992	103	86	96	62	93	76	41
acres, 1997	33 737	29 077	31 504	27 018	39 429	24 010	22 504
1992	39 633	39 397	40 359	29 117	37 886	32 124	18 074

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ... farms, 1997	546	1 158	948	861	610	502	380
1992	680	1 299	1 142	1 030	637	539	410
$1,000, 1997	70 931	104 153	84 967	91 481	73 265	27 666	26 212
1992	64 854	109 420	81 380	74 210	59 063	28 285	19 633
Average per farm ... dollars, 1997	129 911	89 942	89 628	106 249	120 107	55 111	68 979
1992	95 374	84 234	71 261	72 048	92 720	52 477	47 885
Motortrucks, including pickups ... farms, 1997	533	1 110	928	847	568	431	357
1992	603	1 229	1 025	983	585	437	404
number, 1997	1 087	1 914	1 710	1 419	1 277	806	725
1992	1 064	1 886	1 670	1 577	1 177	732	668
Wheel tractors ... farms, 1997	523	1 130	879	810	576	431	377
1992	637	1 272	1 081	1 001	598	481	387
number, 1997	1 963	3 963	3 078	2 673	1 824	1 128	963
1992	2 226	4 328	3 993	3 511	1 990	1 351	1 156
Grain and bean combines ... farms, 1997	401	568	575	467	346	245	118
1992	501	630	612	636	413	245	184
number, 1997	444	614	618	497	377	247	118
1992	546	656	650	681	480	268	185
TENURE OF OPERATOR							
Full owners ... farms, 1997	142	504	334	278	209	261	184
1992	197	643	440	374	219	292	193
acres, 1997	29 049	123 893	61 978	70 926	42 601	72 361	77 004
1992	41 007	154 331	80 056	79 472	57 288	86 828	69 371
Part owners ... farms, 1997	270	456	425	402	279	209	167
1992	316	450	454	421	263	204	183
acres, 1997	195 999	216 777	228 361	283 583	196 841	135 131	121 173
1992	204 376	207 594	215 061	239 182	166 433	128 567	138 124
Tenants ... farms, 1997	138	200	190	175	119	34	32
1992	167	206	242	230	153	47	39
acres, 1997	52 877	55 230	54 129	60 786	68 689	11 804	15 719
1992	64 508	58 308	61 253	81 348	73 091	14 675	16 297
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated ... 1997	428	939	740	608	445	412	293
1992	524	1 082	857	743	458	448	321
Not on farm operated ... 1997	103	177	187	203	134	66	70
1992	120	172	224	215	150	64	69
Not reported ... 1997	19	44	22	44	28	26	20
1992	36	45	55	67	27	31	25
Operators by principal occupation:							
Farming ... 1997	429	911	690	636	422	318	268
1992	580	1 085	856	828	472	390	303
Other ... 1997	121	249	259	219	185	186	115
1992	100	214	280	197	163	153	112
Operators by days worked off farm:							
None ... 1997	305	686	465	425	304	212	163
1992	406	842	601	568	329	255	190
Any ... 1997	220	417	449	371	273	270	193
1992	224	381	473	382	264	252	188
1 to 49 days ... 1997	47	71	89	58	60	41	31
1992	72	84	85	82	56	46	34
50 to 99 days ... 1997	19	36	32	25	21	21	15
1992	19	24	39	41	31	19	17
100 to 149 days ... 1997	19	38	36	36	27	17	13
1992	19	40	34	27	24	17	13
150 to 199 days ... 1997	19	44	37	44	22	43	24
1992	14	36	58	37	25	43	14
200 days or more ... 1997	116	228	255	208	143	148	110
1992	100	197	257	195	128	127	110
Not reported ... 1997	25	57	35	59	30	22	27
1992	50	76	62	75	42	36	37
1997 operators by years on present farm:							
2 years or less	10	55	30	34	18	32	25
3 or 4 years	23	42	31	34	27	20	21
5 to 9 years	40	118	102	87	69	77	39
10 years or more	427	824	684	583	435	321	258
Average years on present farm	24.0	22.6	22.9	22.7	23.6	22.3	23.6
Not reported	50	121	102	117	58	54	40
1997 operators by age group:							
Under 25 years	4	16	15	17	3	17	6
25 to 34 years	39	111	101	93	27	62	19
35 to 44 years	143	313	221	220	134	100	64
45 to 54 years	148	290	221	210	146	101	90
55 to 64 years	114	245	223	176	137	96	89
65 years and over	102	185	168	139	160	128	115
Average age	51.8	50.1	51.1	50.1	54.5	51.9	56.0
TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) ... farms, 1997	425	928	794	736	487	430	334
1992	541	1 005	943	862	499	461	353
acres, 1997	191 690	294 889	271 345	342 836	212 645	164 750	175 430
1992	224 440	309 144	280 416	325 936	223 991	178 941	169 463
Partnership ... farms, 1997	32	177	83	79	54	47	34
1992	61	245	115	122	77	62	44
acres, 1997	17 984	65 192	32 068	42 293	42 074	21 364	17 908
1992	33 991	85 800	35 265	49 518	31 717	(D)	26 528

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item		Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
MACHINERY AND EQUIPMENT[1]									
Estimated market value of all machinery and equipment	farms, 1997	1 071	440	382	1 201	411	1 018	658	727
	1992	1 209	481	456	1 376	474	1 213	727	824
	$1,000, 1997	113 084	42 690	38 625	98 672	53 271	105 685	75 190	88 588
	1992	105 673	43 376	42 606	112 777	45 929	98 611	58 624	69 544
Average per farm	dollars, 1997	105 587	97 022	101 112	82 158	129 614	103 816	114 270	121 854
	1992	87 405	90 178	93 435	81 960	96 897	81 295	80 639	84 398
Motortrucks, including pickups	farms, 1997	1 045	416	376	1 133	401	919	638	717
	1992	1 157	453	441	1 307	434	1 109	721	751
	number, 1997	1 511	771	818	1 541	871	1 510	1 352	1 387
	1992	1 584	907	948	1 789	875	1 685	1 407	1 139
Wheel tractors	farms, 1997	1 015	414	367	1 137	366	972	607	683
	1992	1 139	463	440	1 309	448	1 149	677	760
	number, 1997	3 409	1 400	1 344	3 759	1 305	3 290	2 189	2 377
	1992	4 097	1 691	1 631	4 687	1 550	4 060	2 529	2 932
Grain and bean combines	farms, 1997	646	307	263	493	275	555	367	530
	1992	683	299	329	491	381	673	520	548
	number, 1997	705	319	305	534	298	579	405	566
	1992	703	317	404	524	419	724	582	590
TENURE OF OPERATOR									
Full owners	farms, 1997	478	160	97	613	89	364	191	199
	1992	603	182	120	707	103	494	223	224
	acres, 1997	95 904	35 805	20 982	121 461	26 829	75 395	38 364	47 960
	1992	122 970	40 237	26 857	135 817	23 946	94 766	34 865	52 205
Part owners	farms, 1997	358	203	197	377	194	455	322	346
	1992	343	206	222	400	218	485	343	361
	acres, 1997	154 213	116 079	129 917	138 029	131 403	249 397	194 420	220 246
	1992	140 677	112 135	125 491	136 302	134 892	228 078	194 738	205 623
Tenants	farms, 1997	234	71	88	210	125	198	144	176
	1992	259	96	114	269	152	234	164	242
	acres, 1997	61 009	24 223	40 257	44 639	53 884	59 701	56 686	68 346
	1992	63 573	29 506	45 229	52 753	59 086	63 975	51 164	82 507
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated	1997	885	317	303	998	307	832	483	536
	1992	996	353	340	1 125	360	958	556	616
Not on farm operated	1997	147	103	67	147	91	142	142	162
	1992	155	107	98	177	87	202	143	180
Not reported	1997	38	14	12	55	10	43	32	23
	1992	54	24	18	74	26	53	31	31
Operators by principal occupation:									
Farming	1997	876	294	316	918	338	799	493	557
	1992	1 021	339	371	1 134	403	1 012	549	690
Other	1997	194	140	66	282	70	218	164	164
	1992	184	145	85	242	70	201	181	137
Operators by days worked off farm:									
None	1997	618	224	202	687	222	566	338	391
	1992	776	247	263	855	265	734	379	466
Any	1997	403	195	156	440	170	388	284	295
	1992	351	209	162	433	180	408	319	300
1 to 49 days	1997	72	40	43	54	57	76	51	59
	1992	82	37	50	68	64	102	73	80
50 to 99 days	1997	36	12	16	21	18	41	26	36
	1992	27	7	15	33	21	44	23	37
100 to 149 days	1997	36	10	14	35	18	25	20	29
	1992	18	16	12	38	14	30	24	27
150 to 199 days	1997	31	17	16	38	11	33	29	34
	1992	36	20	8	52	20	38	25	18
200 days or more	1997	228	116	67	292	66	213	158	137
	1992	188	129	77	242	61	194	174	138
Not reported	1997	49	15	24	73	16	63	35	35
	1992	78	28	31	88	28	71	32	61
1997 operators by years on present farm:									
2 years or less		48	10	14	47	18	33	25	23
3 or 4 years		55	17	12	45	9	27	30	29
5 to 9 years		142	45	27	158	42	121	82	83
10 years or more		712	304	296	786	316	724	442	508
Average years on present farm		20.5	24.5	23.8	22.2	23.3	23.1	22.8	23.0
Not reported		113	58	33	164	23	112	78	78
1997 operators by age group:									
Under 25 years		24	7	3	17	9	11	11	15
25 to 34 years		135	33	34	154	35	101	82	58
35 to 44 years		329	91	93	303	94	281	154	181
45 to 54 years		226	94	98	253	108	239	151	164
55 to 64 years		246	102	69	287	91	232	138	163
65 years and over		110	107	85	186	71	153	121	140
Average age		47.9	53.6	51.9	50.0	51.0	50.1	50.5	51.6
TYPE OF ORGANIZATION									
Individual or family (sole proprietorship)	farms, 1997	895	300	318	974	349	824	535	608
	1992	990	382	384	1 093	403	1 009	590	685
	acres, 1997	241 287	108 161	151 737	231 738	174 409	291 180	203 412	270 864
	1992	252 471	132 903	152 095	235 030	179 184	303 523	211 957	270 848
Partnership	farms, 1997	121	50	30	185	35	115	45	46
	1992	163	42	39	249	47	156	70	73
	acres, 1997	37 853	24 207	17 456	56 041	17 760	37 659	25 589	24 029
	1992	46 230	19 391	(D)	72 716	(D)	48 856	26 666	36 861

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item		Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
MACHINERY AND EQUIPMENT[1]									
Estimated market value of all machinery and equipment	farms, 1997	445	637	653	560	677	716	704	677
	1992	503	725	760	721	772	840	835	747
	$1,000, 1997	50 332	68 877	88 385	49 058	92 983	87 909	78 838	81 379
	1992	57 162	70 580	73 880	49 518	83 224	79 386	78 683	54 798
Average per farm	dollars, 1997	113 105	108 128	135 353	87 604	137 346	122 778	111 985	120 205
	1992	113 642	97 352	97 210	68 680	107 803	94 507	94 231	73 358
Motortrucks, including pickups	farms, 1997	400	625	614	537	677	697	696	662
	1992	461	634	692	693	704	822	753	702
	number, 1997	987	1 447	1 165	980	1 514	1 293	1 253	1 353
	1992	1 149	1 338	1 174	1 276	1 250	1 352	1 296	1 328
Wheel tractors	farms, 1997	424	596	631	537	632	683	662	635
	1992	480	697	690	687	721	823	788	709
	number, 1997	1 460	2 311	2 066	1 637	2 109	2 706	2 491	2 078
	1992	1 777	2 450	2 557	2 243	2 516	2 953	2 681	2 503
Grain and bean combines	farms, 1997	270	403	441	329	410	579	455	458
	1992	307	532	517	494	527	631	536	514
	number, 1997	316	412	491	359	449	600	510	486
	1992	350	589	586	526	558	677	577	575
TENURE OF OPERATOR									
Full owners	farms, 1997	157	165	135	185	181	161	181	241
	1992	162	199	201	270	203	225	234	272
	acres, 1997	47 695	45 343	23 550	49 334	37 253	33 082	40 517	73 384
	1992	46 677	55 194	32 343	69 261	38 835	43 221	46 272	84 880
Part owners	farms, 1997	217	297	330	281	315	367	340	332
	1992	236	339	345	317	350	365	368	311
	acres, 1997	202 850	200 748	227 869	190 074	223 963	215 207	219 888	255 683
	1992	181 235	219 208	207 950	194 503	200 513	192 813	205 086	226 870
Tenants	farms, 1997	72	174	186	97	183	188	186	100
	1992	104	186	214	141	218	252	237	164
	acres, 1997	56 530	90 907	66 603	38 454	82 482	79 011	73 566	47 807
	1992	66 208	84 294	74 623	44 357	89 286	89 326	74 574	74 785
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated	1997	304	435	501	410	484	546	510	478
	1992	340	498	573	493	554	639	616	526
Not on farm operated	1997	131	172	134	131	168	145	173	170
	1992	135	190	151	188	178	164	197	167
Not reported	1997	11	29	16	22	27	25	24	25
	1992	27	36	36	47	39	39	26	54
Operators by principal occupation:									
Farming	1997	359	489	493	403	521	563	538	503
	1992	419	593	598	544	596	681	657	606
Other	1997	87	147	158	160	158	153	169	170
	1992	83	131	162	184	175	161	182	141
Operators by days worked off farm:									
None	1997	272	338	353	255	358	336	366	359
	1992	299	384	404	353	423	431	449	418
Any	1997	152	259	276	272	287	351	312	275
	1992	169	285	321	304	300	366	357	265
1 to 49 days	1997	41	77	66	62	71	95	79	52
	1992	45	77	95	71	60	113	90	48
50 to 99 days	1997	15	26	17	29	34	43	25	29
	1992	17	33	27	20	32	37	30	31
100 to 149 days	1997	16	18	30	25	21	26	12	19
	1992	21	31	24	22	16	36	34	22
150 to 199 days	1997	18	27	24	23	19	28	33	30
	1992	11	31	16	31	30	29	36	26
200 days or more	1997	62	111	139	133	142	159	163	145
	1992	75	113	159	160	162	151	167	138
Not reported	1997	22	39	22	36	34	29	29	39
	1992	34	55	35	71	48	45	33	64
1997 operators by years on present farm:									
2 years or less		13	10	16	28	22	25	27	14
3 or 4 years		18	23	27	11	33	24	22	25
5 to 9 years		45	55	73	51	69	67	67	63
10 years or more		329	464	491	407	485	516	522	482
Average years on present farm		24.2	24.5	22.9	24.0	23.2	23.0	22.7	24.5
Not reported		41	84	44	66	70	84	69	89
1997 operators by age group:									
Under 25 years		5	8	16	10	6	14	9	11
25 to 34 years		20	52	67	38	56	67	51	48
35 to 44 years		100	141	157	128	181	188	184	150
45 to 54 years		99	143	151	131	164	159	168	176
55 to 64 years		90	139	152	120	136	169	151	137
65 years and over		132	153	108	136	136	119	144	151
Average age		54.9	53.0	50.6	52.9	51.7	50.4	51.9	52.7
TYPE OF ORGANIZATION									
Individual or family (sole proprietorship)	farms, 1997	315	489	503	480	541	596	565	558
	1992	390	570	618	641	638	705	694	630
	acres, 1997	178 072	239 320	202 433	225 539	233 930	253 118	236 441	276 761
	1992	213 336	259 678	222 537	256 282	246 441	266 252	255 078	319 073
Partnership	farms, 1997	63	63	62	51	63	55	59	65
	1992	57	82	67	62	73	92	77	69
	acres, 1997	53 821	32 796	(D)	29 020	46 492	28 018	36 712	51 557
	1992	36 038	43 845	29 881	33 007	41 487	32 362	33 249	28 679

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ... farms, 1997	531	649	536	530	655	852	877	465
1992	570	716	636	655	757	994	1 009	502
$1,000, 1997	58 388	59 428	81 097	53 582	61 558	62 820	81 826	32 129
1992	44 832	61 469	75 350	46 352	59 641	64 911	90 500	38 770
Average per farm ... dollars, 1997	109 958	91 569	151 300	101 098	93 982	73 732	93 302	69 094
1992	78 653	85 850	118 475	70 767	78 786	65 302	89 693	77 230
Motortrucks, including pickups ... farms, 1997	486	604	518	515	655	738	814	432
1992	535	632	611	621	668	942	954	471
number, 1997	891	1 076	901	959	1 111	1 046	1 492	814
1992	939	1 106	1 104	917	1 134	1 419	1 782	866
Wheel tractors ... farms, 1997	531	619	506	485	633	790	828	454
1992	559	698	612	590	709	962	944	486
number, 1997	1 474	2 158	1 872	1 683	2 295	2 518	2 492	1 222
1992	1 888	2 599	2 528	1 967	2 297	3 344	3 483	1 770
Grain and bean combines ... farms, 1997	349	396	380	323	376	295	571	207
1992	345	466	532	371	344	375	664	375
number, 1997	375	484	(D)	353	413	296	627	236
1992	381	551	675	387	381	402	741	400
TENURE OF OPERATOR								
Full owners ... farms, 1997	202	279	147	181	224	413	282	202
1992	219	354	151	207	305	510	369	226
acres, 1997	44 884	61 678	35 953	48 625	79 231	92 620	57 983	51 628
1992	49 239	76 912	36 081	(D)	88 106	114 982	83 635	62 870
Part owners ... farms, 1997	233	275	230	216	325	303	453	203
1992	253	255	253	264	321	327	464	204
acres, 1997	138 252	153 355	155 269	146 823	187 602	160 129	282 710	120 968
1992	126 084	141 535	159 834	(D)	175 268	150 199	262 318	111 240
Tenants ... farms, 1997	95	97	159	135	106	132	148	51
1992	97	106	211	187	134	160	180	75
acres, 1997	34 888	36 516	64 030	52 603	33 391	37 921	59 272	20 966
1992	33 659	28 517	83 061	62 242	37 737	48 708	68 530	31 485
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated ... 1997	401	518	371	379	496	665	696	352
1992	423	561	436	459	590	785	769	395
Not on farm operated ... 1997	106	112	144	124	126	151	153	87
1992	114	121	147	158	139	149	181	86
Not reported ... 1997	23	21	21	29	33	32	34	17
1992	32	33	32	41	31	63	63	24
Operators by principal occupation:								
Farming ... 1997	372	516	411	416	471	609	653	327
1992	433	590	506	533	596	785	779	378
Other ... 1997	158	135	125	116	184	239	230	129
1992	136	125	109	125	164	212	234	127
Operators by days worked off farm:								
None ... 1997	262	359	249	274	341	434	471	231
1992	292	422	330	360	410	552	553	245
Any ... 1997	234	253	258	224	277	373	371	195
1992	240	249	245	246	299	375	386	226
1 to 49 days ... 1997	24	49	53	56	40	56	67	29
1992	50	51	61	50	63	76	95	51
50 to 99 days ... 1997	20	19	27	19	16	18	35	21
1992	19	14	31	23	21	32	32	27
100 to 149 days ... 1997	20	19	29	25	20	30	30	11
1992	19	25	24	29	20	25	26	13
150 to 199 days ... 1997	28	25	33	18	40	34	36	15
1992	26	23	31	34	26	24	38	22
200 days or more ... 1997	142	141	116	106	161	235	203	119
1992	126	136	98	110	169	218	195	113
Not reported ... 1997	34	39	29	34	37	41	41	30
1992	37	44	40	52	51	70	74	34
1997 operators by years on present farm:								
2 years or less	15	36	9	15	21	20	26	17
3 or 4 years	27	32	12	30	21	44	33	17
5 to 9 years	44	68	54	40	56	97	63	43
10 years or more	386	460	391	376	481	588	661	327
Average years on present farm	24.4	21.6	24.6	22.5	24.6	23.1	25.8	24.2
Not reported	58	55	70	71	76	99	100	52
1997 operators by age group:								
Under 25 years	5	7	9	15	12	5	16	8
25 to 34 years	31	75	36	47	58	88	54	34
35 to 44 years	126	178	139	125	153	206	175	106
45 to 54 years	135	138	113	135	144	169	218	102
55 to 64 years	104	144	125	94	151	212	211	83
65 years and over	129	109	114	116	137	168	209	123
Average age	53.3	50.2	52.5	51.3	52.0	51.7	53.4	53.3
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) ... farms, 1997	414	575	451	430	533	714	673	376
1992	453	623	528	541	640	836	772	413
acres, 1997	155 851	198 566	202 251	192 177	204 704	230 123	278 311	148 153
1992	160 035	206 821	227 790	210 999	226 769	245 898	291 123	154 465
Partnership ... farms, 1997	42	51	41	44	73	105	85	35
1992	58	73	52	73	83	127	144	66
acres, 1997	24 338	25 885	25 276	27 193	33 983	42 899	34 660	19 226
1992	18 721	(D)	29 977	36 752	29 348	47 733	55 984	30 914

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ... farms, 1997	806	784	636	1 275	521	897	403	357
1992	897	908	718	1 487	594	1 021	440	367
$1,000, 1997	62 640	72 854	65 558	151 790	54 964	80 348	48 377	20 655
1992	62 867	75 190	59 720	148 788	46 045	73 449	33 443	18 243
Average per farm ... dollars, 1997	77 717	92 926	103 079	119 051	105 497	89 574	120 041	57 858
1992	70 086	82 809	83 176	100 059	77 516	71 938	76 008	49 709
Motortrucks, including pickups ... farms, 1997	705	764	593	1 242	477	860	403	321
1992	782	864	668	1 405	545	972	426	352
number, 1997	1 223	1 140	1 323	2 295	1 054	1 539	918	588
1992	1 406	1 353	1 155	2 494	1 082	1 692	716	632
Wheel tractors ... farms, 1997	766	721	624	1 229	519	852	398	301
1992	858	835	678	1 441	592	966	426	346
number, 1997	2 922	2 748	1 861	4 579	1 808	2 782	1 458	848
1992	2 829	3 371	2 322	5 582	2 066	3 445	1 388	1 231
Grain and bean combines ... farms, 1997	384	469	383	923	343	451	259	126
1992	508	577	435	1 163	388	614	303	177
number, 1997	451	527	437	1 055	368	485	297	144
1992	565	600	471	1 398	413	649	349	180
TENURE OF OPERATOR								
Full owners ... farms, 1997	321	307	274	300	212	351	129	164
1992	386	361	301	363	262	420	152	156
acres, 1997	61 882	72 537	80 681	81 988	46 796	63 361	36 119	47 364
1992	67 598	77 845	79 474	94 549	59 062	72 155	38 319	49 011
Part owners ... farms, 1997	337	343	272	622	266	376	198	167
1992	348	343	314	676	268	411	208	181
acres, 1997	159 737	183 452	170 146	370 254	164 051	193 887	122 081	121 424
1992	157 259	174 604	182 965	364 820	156 502	194 289	116 097	121 999
Tenants ... farms, 1997	149	140	85	358	41	170	77	31
1992	166	209	107	445	66	192	77	25
acres, 1997	36 751	48 211	37 748	122 998	14 973	48 724	24 714	14 423
1992	39 267	58 089	36 214	150 045	23 013	54 402	28 377	11 299
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated ... 1997	635	615	464	916	425	708	302	290
1992	691	690	549	1 105	466	778	336	287
Not on farm operated ... 1997	135	148	135	317	69	157	85	59
1992	154	183	140	319	97	201	92	42
Not reported ... 1997	37	27	32	47	25	32	17	13
1992	55	40	33	60	33	44	9	33
Operators by principal occupation:								
Farming ... 1997	596	582	459	1 004	386	615	290	248
1992	683	727	576	1 230	448	738	315	270
Other ... 1997	211	208	172	276	133	282	114	114
1992	217	186	146	254	148	285	122	92
Operators by days worked off farm:								
None ... 1997	406	416	314	668	281	448	202	160
1992	488	526	410	861	305	510	239	197
Any ... 1997	356	340	276	551	209	411	190	180
1992	341	341	251	547	240	439	178	133
1 to 49 days ... 1997	80	68	45	135	33	47	48	31
1992	66	78	55	154	37	68	31	16
50 to 99 days ... 1997	35	26	23	59	12	22	14	15
1992	35	24	18	64	18	38	14	9
100 to 149 days ... 1997	24	16	17	52	18	23	8	11
1992	17	26	20	69	15	19	18	5
150 to 199 days ... 1997	34	35	23	66	18	39	21	19
1992	22	37	28	56	18	38	20	11
200 days or more ... 1997	183	195	168	239	128	280	99	104
1992	201	176	130	204	152	276	95	92
Not reported ... 1997	45	34	41	61	29	38	12	22
1992	71	46	61	76	51	74	20	32
1997 operators by years on present farm:								
2 years or less	30	27	20	39	11	29	10	14
3 or 4 years	32	33	22	49	9	37	12	25
5 to 9 years	88	85	59	114	40	101	52	49
10 years or more	568	562	445	945	387	635	295	240
Average years on present farm	24.5	22.9	24.0	24.0	26.8	23.2	24.2	23.5
Not reported	89	83	85	133	72	95	35	34
1997 operators by age group:								
Under 25 years	6	9	12	17	6	13	3	11
25 to 34 years	74	66	36	134	32	76	36	33
35 to 44 years	163	189	176	347	115	169	85	69
45 to 54 years	205	210	157	294	112	241	83	75
55 to 64 years	176	180	119	287	133	201	99	62
65 years and over	183	136	131	201	121	197	98	112
Average age	53.0	51.2	51.8	50.2	53.7	53.2	53.6	54.4
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) ... farms, 1997	623	604	479	1 072	392	732	289	312
1992	685	727	574	1 271	478	833	347	306
acres, 1997	180 751	202 527	192 448	448 184	144 147	225 401	121 483	140 854
1992	184 447	216 878	216 206	492 202	169 014	233 870	136 165	141 991
Partnership ... farms, 1997	109	85	65	110	57	80	53	33
1992	147	99	96	143	59	111	47	40
acres, 1997	40 695	35 185	35 379	56 943	33 969	29 576	24 046	23 542
1992	49 312	39 869	43 391	67 005	32 752	35 679	17 247	25 236

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ... farms, 1997	999	566	738	552	657	371	676	561
1992	1 087	669	841	655	760	439	707	698
$1,000, 1997	88 025	46 155	70 524	47 210	69 266	39 571	66 811	59 773
1992	70 423	45 127	78 087	47 791	65 148	40 302	59 079	62 682
Average per farm ... dollars, 1997	88 113	81 546	95 561	85 526	105 428	106 661	98 833	106 548
1992	64 787	67 455	92 850	72 963	85 721	91 804	83 563	89 802
Motortrucks, including pickups ... farms, 1997	959	515	712	532	638	371	634	550
1992	971	623	749	581	706	424	635	664
number, 1997	1 604	1 024	1 386	998	1 370	697	1 251	1 160
1992	1 376	1 100	1 288	1 003	1 566	805	1 024	1 347
Wheel tractors ... farms, 1997	948	530	731	529	614	345	614	519
1992	988	624	780	632	734	423	643	637
number, 1997	2 976	1 479	2 306	1 566	2 216	1 144	2 197	1 854
1992	2 940	1 775	2 668	2 059	2 553	1 492	2 330	2 396
Grain and bean combines ... farms, 1997	606	316	493	332	451	245	394	310
1992	680	347	520	338	467	288	440	421
number, 1997	668	326	531	364	485	264	494	347
1992	724	393	564	353	508	315	478	462
TENURE OF OPERATOR								
Full owners ... farms, 1997	272	251	271	213	218	102	227	144
1992	339	314	328	276	260	140	272	228
acres, 1997	43 644	62 297	66 277	56 052	52 948	31 354	42 687	43 962
1992	61 809	80 909	73 793	59 145	49 580	40 898	50 946	65 069
Part owners ... farms, 1997	484	259	320	263	295	209	329	275
1992	504	284	350	283	321	188	308	290
acres, 1997	232 014	195 244	182 466	165 971	191 168	153 544	181 867	235 549
1992	215 015	163 272	169 828	154 567	186 717	134 358	166 469	223 286
Tenants ... farms, 1997	235	56	143	69	143	62	119	142
1992	245	80	162	96	183	110	128	180
acres, 1997	64 566	20 137	53 250	26 500	57 617	39 394	34 563	72 035
1992	66 081	30 850	54 610	29 272	66 868	56 359	39 115	92 205
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated ... 1997	804	428	571	435	498	289	533	384
1992	872	497	655	506	597	308	568	471
Not on farm operated ... 1997	138	120	125	79	139	71	111	152
1992	136	155	136	110	149	101	112	184
Not reported ... 1997	49	18	38	31	19	13	31	25
1992	80	26	49	39	18	29	28	43
Operators by principal occupation:								
Farming ... 1997	739	363	548	344	481	285	503	436
1992	890	458	665	464	605	361	550	577
Other ... 1997	252	203	186	201	175	88	172	125
1992	198	220	175	191	159	77	158	121
Operators by days worked off farm:								
None ... 1997	486	255	361	225	355	234	344	311
1992	592	294	483	334	428	264	387	400
Any ... 1997	444	292	336	280	274	122	291	229
1992	416	332	293	278	307	138	279	240
1 to 49 days ... 1997	94	45	68	30	46	19	67	66
1992	110	61	75	55	79	42	63	68
50 to 99 days ... 1997	30	25	35	21	13	12	23	19
1992	29	22	23	18	21	6	18	28
100 to 149 days ... 1997	50	17	24	16	17	12	20	24
1992	36	21	25	17	27	9	10	12
150 to 199 days ... 1997	43	40	37	29	24	5	17	34
1992	34	41	19	22	20	14	23	27
200 days or more ... 1997	227	165	172	184	174	74	164	86
1992	207	187	151	166	160	67	165	105
Not reported ... 1997	61	19	37	40	27	17	40	21
1992	80	52	64	43	29	36	42	58
1997 operators by years on present farm:								
2 years or less	41	15	18	12	36	13	27	18
3 or 4 years	62	25	26	25	25	9	42	26
5 to 9 years	90	66	74	48	50	45	91	78
10 years or more	687	420	540	385	478	261	444	372
Average years on present farm	21.7	23.4	23.7	25.3	24.4	24.4	20.6	23.2
Not reported	111	40	76	75	67	45	71	67
1997 operators by age group:								
Under 25 years	26	3	7	5	6	5	21	14
25 to 34 years	130	37	57	54	45	29	88	47
35 to 44 years	299	111	195	91	148	66	189	128
45 to 54 years	212	144	182	127	171	114	156	122
55 to 64 years	182	131	124	140	157	75	141	133
65 years and over	142	140	169	128	129	84	80	117
Average age	48.3	54.4	52.2	53.5	52.5	53.2	47.9	51.9
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) ... farms, 1997	799	479	550	432	480	280	571	462
1992	905	586	677	537	595	356	591	579
acres, 1997	246 209	214 304	200 351	174 394	190 441	150 339	203 607	279 399
1992	261 343	218 266	216 980	181 762	214 784	168 914	202 512	305 786
Partnership ... farms, 1997	81	58	96	66	72	38	57	59
1992	91	62	97	82	93	42	90	87
acres, 1997	30 009	37 813	45 458	33 628	26 107	30 065	28 950	33 382
1992	26 624	32 758	42 751	38 392	34 783	32 360	37 313	47 430

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item		Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
MACHINERY AND EQUIPMENT[1]									
Estimated market value of all machinery and equipment	farms, 1997	417	418	528	939	586	612	664	1 202
	1992	431	506	597	1 042	671	741	757	1 387
	$1,000, 1997	25 965	51 343	57 869	105 074	63 637	52 428	69 437	112 490
	1992	21 742	31 622	48 574	78 381	67 545	50 748	63 498	95 041
Average per farm	dollars, 1997	62 266	122 831	109 601	111 900	108 595	85 666	104 573	93 586
	1992	50 446	62 494	81 364	75 222	100 663	68 485	83 881	68 523
Motortrucks, including pickups	farms, 1997	365	397	507	922	579	598	635	1 149
	1992	423	469	543	994	634	690	721	1 257
	number, 1997	602	796	1 019	1 523	1 192	1 146	1 123	2 124
	1992	650	816	993	1 391	1 182	1 172	1 247	2 104
Wheel tractors	farms, 1997	391	410	524	908	551	589	631	1 107
	1992	399	454	582	987	634	686	711	1 318
	number, 1997	920	1 592	1 721	2 969	1 876	1 799	2 465	3 583
	1992	1 038	1 583	1 934	3 270	2 303	2 001	2 608	4 451
Grain and bean combines	farms, 1997	126	313	387	612	407	318	453	703
	1992	154	313	376	658	479	458	527	883
	number, 1997	142	357	432	665	417	338	488	750
	1992	167	344	414	(D)	520	470	630	992
TENURE OF OPERATOR									
Full owners	farms, 1997	223	138	173	222	135	252	158	316
	1992	230	179	205	259	160	304	182	433
	acres, 1997	(D)	37 408	34 985	38 449	24 583	64 550	43 626	61 815
	1992	(D)	50 652	37 830	38 008	34 922	71 662	45 718	80 647
Part owners	farms, 1997	164	188	260	482	303	278	332	627
	1992	150	220	251	502	328	323	377	650
	acres, 1997	(D)	146 649	135 069	247 345	164 624	185 680	206 327	347 375
	1992	(D)	138 174	126 645	233 966	160 226	186 757	208 869	326 865
Tenants	farms, 1997	28	93	94	213	149	80	175	252
	1992	48	109	140	281	191	114	195	299
	acres, 1997	9 048	41 564	33 475	70 377	48 963	37 007	68 500	81 889
	1992	17 980	43 424	43 574	86 295	63 664	46 458	79 797	94 808
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated	1997	325	325	419	685	442	451	483	926
	1992	321	397	462	796	506	540	568	1 110
Not on farm operated	1997	65	83	90	189	113	143	154	211
	1992	75	92	99	200	141	166	151	188
Not reported	1997	25	11	18	43	32	16	28	58
	1992	32	19	35	46	32	35	35	84
Operators by principal occupation:									
Farming	1997	263	344	373	697	454	427	527	929
	1992	298	427	450	828	559	557	639	1 109
Other	1997	152	75	154	220	133	183	138	266
	1992	130	81	146	214	120	184	115	273
Operators by days worked off farm:									
None	1997	183	223	267	462	309	287	355	641
	1992	193	303	318	579	394	384	438	783
Any	1997	208	171	232	417	253	295	274	489
	1992	193	176	243	408	257	301	269	468
1 to 49 days	1997	33	46	36	96	61	62	64	96
	1992	32	52	42	117	77	64	84	108
50 to 99 days	1997	12	22	18	38	31	19	31	35
	1992	6	19	18	33	26	20	39	37
100 to 149 days	1997	11	20	5	44	17	19	34	41
	1992	11	13	15	35	16	18	21	29
150 to 199 days	1997	34	13	24	40	23	23	27	59
	1992	26	17	18	26	20	29	31	49
200 days or more	1997	118	70	149	199	121	172	118	258
	1992	118	75	150	197	118	170	94	245
Not reported	1997	24	25	28	38	25	28	36	65
	1992	42	29	35	55	28	56	47	131
1997 operators by years on present farm:									
2 years or less		15	7	19	38	13	16	27	39
3 or 4 years		20	12	31	45	16	19	20	45
5 to 9 years		52	28	42	98	68	48	58	92
10 years or more		282	340	374	634	424	471	495	869
Average years on present farm		24.1	26.7	23.4	21.6	22.1	25.7	23.1	22.9
Not reported		46	32	61	102	66	56	65	150
1997 operators by age group:									
Under 25 years		7	5	4	17	8	14	16	32
25 to 34 years		29	27	40	75	64	26	67	99
35 to 44 years		74	107	118	260	183	136	185	309
45 to 54 years		95	90	124	213	130	156	149	316
55 to 64 years		85	80	143	197	108	111	108	227
65 years and over		125	110	98	155	94	167	140	212
Average age		54.8	53.3	52.4	50.2	49.1	54.1	50.3	50.3
TYPE OF ORGANIZATION									
Individual or family (sole proprietorship)	farms, 1997	353	344	399	753	474	514	553	986
	1992	358	412	482	883	554	624	631	1 172
	acres, 1997	147 396	172 659	136 110	280 828	164 967	222 760	245 328	379 672
	1992	153 156	186 187	147 113	289 285	188 869	248 250	261 558	411 524
Partnership	farms, 1997	47	41	62	77	34	63	53	125
	1992	54	64	63	96	53	83	64	147
	acres, 1997	25 122	20 919	28 335	30 451	(D)	35 368	30 742	67 050
	1992	(D)	24 190	24 270	34 340	(D)	34 878	29 135	59 540

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ..... farms, 1997	735	467	1 011	639	402	723	598	806
1992	842	534	1 152	756	479	864	703	969
$1,000, 1997	98 313	54 619	107 259	63 049	32 145	80 905	76 879	71 682
1992	84 023	56 002	96 475	57 383	26 156	78 893	65 369	73 642
Average per farm ..... dollars, 1997	133 759	116 958	106 092	98 668	79 962	111 902	128 560	88 936
1992	99 789	104 872	83 746	75 903	54 606	91 312	92 986	75 998
Motortrucks, including pickups ..... farms, 1997	711	458	964	620	370	668	561	789
1992	781	497	1 105	732	456	820	639	921
number, 1997	1 255	872	2 044	1 294	813	1 253	1 113	1 355
1992	1 403	1 141	1 909	1 326	849	1 383	1 067	1 561
Wheel tractors ..... farms, 1997	691	435	957	616	347	690	546	772
1992	797	521	1 098	695	473	819	681	907
number, 1997	2 732	1 250	3 384	1 957	926	2 350	1 799	2 695
1992	3 022	1 993	3 498	2 457	1 450	3 229	2 700	3 186
Grain and bean combines ..... farms, 1997	527	249	656	419	242	433	455	586
1992	700	345	672	471	312	602	464	681
number, 1997	554	265	679	(D)	261	448	474	613
1992	765	398	724	501	337	694	487	758
TENURE OF OPERATOR								
Full owners ..... farms, 1997	128	180	287	196	186	200	170	244
1992	182	207	352	251	237	250	231	312
acres, 1997	(D)	35 428	66 772	51 537	62 437	39 946	32 844	51 196
1992	40 558	36 064	85 808	63 612	96 576	48 947	39 620	61 081
Part owners ..... farms, 1997	401	206	446	318	192	351	295	383
1992	383	243	491	358	192	410	307	425
acres, 1997	(D)	141 580	315 074	203 493	153 268	231 986	144 970	222 384
1992	214 808	148 830	313 297	212 047	149 210	234 240	139 062	212 910
Tenants ..... farms, 1997	190	77	274	124	27	171	133	180
1992	275	86	310	147	53	200	165	238
acres, 1997	71 368	32 528	140 065	49 676	12 630	68 424	39 374	61 712
1992	101 304	33 024	131 421	51 951	20 668	75 770	45 389	73 612
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated 1997	541	328	717	475	331	507	459	630
1992	616	395	850	582	368	634	556	721
Not on farm operated 1997	154	117	249	133	67	179	116	147
1992	187	115	248	137	93	177	125	187
Not reported 1997	24	18	41	30	7	36	23	30
1992	37	26	55	37	21	49	22	67
Operators by principal occupation:								
Farming 1997	583	299	808	461	312	550	440	655
1992	693	373	964	605	396	700	530	798
Other 1997	136	164	199	177	93	172	158	152
1992	147	163	189	151	86	160	173	177
Operators by days worked off farm:								
None 1997	387	216	597	313	198	380	301	443
1992	449	249	705	434	280	481	373	563
Any 1997	302	226	363	285	190	291	269	319
1992	337	254	381	281	165	320	296	338
1 to 49 days 1997	67	39	69	49	44	59	42	95
1992	90	43	99	53	40	82	51	90
50 to 99 days 1997	47	12	43	30	24	29	23	34
1992	50	27	43	24	20	28	23	38
100 to 149 days 1997	26	16	28	13	19	27	13	24
1992	29	12	25	19	23	32	20	23
150 to 199 days 1997	43	18	49	26	13	27	28	28
1992	34	28	36	22	11	29	31	24
200 days or more 1997	119	141	174	167	90	149	163	138
1992	134	144	178	163	71	149	171	163
Not reported 1997	30	21	47	40	17	51	28	45
1992	54	33	67	41	37	59	34	74
1997 operators by years on present farm:								
2 years or less	12	14	30	26	14	30	16	19
3 or 4 years	32	12	57	18	14	29	22	29
5 to 9 years	54	45	93	66	43	60	55	76
10 years or more	553	326	716	451	299	506	442	577
Average years on present farm	24.4	24.0	23.1	23.7	25.5	22.5	24.4	22.9
Not reported	68	66	111	77	35	97	63	106
1997 operators by age group:								
Under 25 years	8	6	17	8	8	15	10	14
25 to 34 years	51	31	96	56	32	82	51	87
35 to 44 years	181	99	234	142	77	205	121	211
45 to 54 years	179	115	235	149	92	164	149	204
55 to 64 years	156	104	203	145	75	139	160	154
65 years and over	144	108	222	138	121	117	107	137
Average age	51.6	53.2	51.6	52.5	54.1	49.5	52.2	49.9
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) ..... farms, 1997	609	346	735	517	354	592	479	708
1992	718	417	883	611	405	703	567	827
acres, 1997	288 292	139 565	333 829	220 626	192 519	260 826	149 401	291 015
1992	293 416	146 929	371 294	254 399	204 847	266 470	160 195	293 083
Partnership ..... farms, 1997	58	44	116	64	39	71	49	53
1992	75	63	143	112	64	106	63	91
acres, 1997	26 414	20 483	66 476	30 532	30 393	42 949	17 379	20 320
1992	31 141	30 189	84 428	46 350	51 162	61 194	(D)	26 843

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ... farms, 1997	1 574	734	842	484	404	450	359	593
1992	1 798	783	1 021	557	471	478	434	672
$1,000, 1997	155 513	88 574	83 805	21 299	28 171	31 978	40 278	47 075
1992	124 948	67 112	75 563	29 745	31 118	23 924	27 507	40 160
Average per farm ... dollars, 1997	98 801	120 674	99 531	44 005	69 730	71 062	112 195	79 385
1992	69 493	85 712	74 009	53 402	66 069	50 049	63 380	59 762
Motortrucks, including pickups ... farms, 1997	1 535	696	796	455	380	406	350	550
1992	1 601	733	940	540	447	438	386	635
number, 1997	2 579	1 470	1 543	878	643	801	669	1 198
1992	2 340	1 336	1 653	966	803	714	696	1 204
Wheel tractors ... farms, 1997	1 505	697	788	452	369	421	340	551
1992	1 646	761	972	531	431	470	410	658
number, 1997	4 929	2 336	2 747	1 095	1 000	1 344	1 156	1 595
1992	4 916	2 586	3 456	1 577	1 333	1 441	1 136	2 219
Grain and bean combines ... farms, 1997	776	436	532	192	138	267	156	291
1992	858	528	724	323	276	254	183	384
number, 1997	811	502	587	255	160	307	161	336
1992	973	584	790	355	320	272	200	413
TENURE OF OPERATOR								
Full owners ... farms, 1997	519	253	254	244	196	212	144	283
1992	620	253	345	259	228	252	186	301
acres, 1997	71 120	54 749	64 697	86 617	56 839	63 444	36 884	67 624
1992	80 988	43 059	75 648	84 877	64 747	72 217	43 222	65 496
Part owners ... farms, 1997	766	326	429	210	162	196	181	239
1992	800	343	455	236	198	184	188	281
acres, 1997	339 136	217 920	249 717	157 430	122 366	127 182	112 286	158 799
1992	312 714	204 025	248 056	152 147	133 762	111 257	104 437	155 478
Tenants ... farms, 1997	285	153	154	36	43	34	34	68
1992	377	188	213	65	44	44	58	94
acres, 1997	78 154	60 583	51 239	11 261	16 517	12 305	14 652	27 017
1992	95 556	76 250	58 478	21 044	19 245	21 149	15 802	42 306
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated ... 1997	1 259	490	665	355	320	337	295	476
1992	1 392	542	781	391	371	354	331	539
Not on farm operated ... 1997	237	216	134	112	68	83	46	95
1992	285	209	194	129	77	93	78	106
Not reported ... 1997	74	26	38	23	13	22	18	19
1992	120	33	38	40	22	33	23	31
Operators by principal occupation:								
Farming ... 1997	1 126	503	619	345	270	302	261	382
1992	1 359	591	809	424	354	339	300	463
Other ... 1997	444	229	218	145	131	140	98	208
1992	438	193	204	136	116	141	132	213
Operators by days worked off farm:								
None ... 1997	759	380	415	214	184	168	184	285
1992	908	404	563	311	245	237	202	320
Any ... 1997	727	324	376	242	197	247	149	275
1992	749	324	391	205	193	213	200	309
1 to 49 days ... 1997	134	66	72	36	30	44	22	28
1992	155	69	102	41	34	35	39	52
50 to 99 days ... 1997	61	22	24	26	15	15	7	15
1992	61	26	36	16	20	23	14	16
100 to 149 days ... 1997	50	22	25	20	9	14	15	17
1992	45	23	27	17	18	8	16	24
150 to 199 days ... 1997	64	29	44	18	32	25	22	37
1992	60	28	31	24	17	23	15	29
200 days or more ... 1997	418	185	211	142	111	149	83	178
1992	428	178	195	107	104	124	116	188
Not reported ... 1997	84	28	46	34	20	27	26	30
1992	140	56	59	44	32	30	30	47
1997 operators by years on present farm:								
2 years or less	59	35	23	16	14	22	10	13
3 or 4 years	73	24	43	19	13	15	10	21
5 to 9 years	196	68	75	54	51	47	36	68
10 years or more	1 042	541	605	335	276	316	255	430
Average years on present farm	21.5	23.2	23.9	24.3	24.6	23.8	24.8	24.9
Not reported	200	64	91	66	47	42	48	58
1997 operators by age group:								
Under 25 years	26	7	11	4	7	5	3	5
25 to 34 years	189	35	82	44	29	29	29	28
35 to 44 years	463	183	197	100	62	87	78	111
45 to 54 years	369	182	190	99	109	105	94	138
55 to 64 years	300	158	200	97	88	122	73	151
65 years and over	223	167	157	146	106	94	82	157
Average age	48.7	53.2	51.6	54.6	54.5	53.9	53.6	55.7
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) ... farms, 1997	1 241	515	693	417	331	350	312	516
1992	1 457	609	816	485	398	377	383	561
acres, 1997	357 357	204 219	276 632	222 042	158 687	153 354	133 943	202 188
1992	367 329	235 054	286 364	222 640	166 255	150 023	139 596	198 483
Partnership ... farms, 1997	179	70	99	61	44	47	21	41
1992	233	76	146	57	41	66	27	73
acres, 1997	60 449	29 530	49 564	23 813	21 086	(D)	7 426	26 330
1992	74 710	33 384	62 699	24 080	25 720	(D)	(D)	34 700

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ..... farms, 1997	810	458	802	468	1 007	893	476	614
1992	899	503	907	538	1 204	938	517	716
$1,000, 1997	80 422	30 911	103 440	61 217	82 340	93 981	58 304	94 004
1992	66 373	26 726	87 515	47 894	91 248	67 723	50 390	81 197
Average per farm ..... dollars, 1997	99 287	67 492	128 978	130 805	81 767	105 242	122 487	153 101
1992	73 830	53 134	96 488	89 023	75 787	72 199	97 465	113 403
Motortrucks, including pickups ..... farms, 1997	768	445	788	453	955	843	467	600
1992	830	481	867	488	1 099	919	500	673
number, 1997	1 543	855	1 706	1 139	1 618	1 679	977	1 207
1992	1 386	850	1 728	1 078	1 364	1 538	1 021	1 101
Wheel tractors ..... farms, 1997	743	441	765	461	946	842	457	556
1992	850	486	833	508	1 184	863	480	694
number, 1997	2 325	1 190	2 903	1 684	3 375	2 926	1 679	2 153
1992	2 907	1 390	3 362	1 952	4 264	3 096	1 943	2 494
Grain and bean combines ..... farms, 1997	432	217	551	313	505	485	339	461
1992	538	282	668	315	450	496	368	514
number, 1997	501	221	(D)	356	531	523	396	494
1992	595	305	765	353	469	530	394	570
TENURE OF OPERATOR								
Full owners ..... farms, 1997	313	225	221	120	429	310	130	147
1992	357	231	228	132	592	338	147	170
acres, 1997	67 109	89 777	53 081	25 813	91 623	90 513	29 230	42 693
1992	76 551	67 525	54 013	26 178	129 020	92 024	26 886	35 419
Part owners ..... farms, 1997	354	196	378	238	399	375	257	294
1992	350	217	431	259	406	380	267	346
acres, 1997	185 093	136 557	248 818	162 554	172 672	289 200	159 737	219 284
1992	168 444	151 261	241 499	155 029	153 732	238 379	161 177	229 524
Tenants ..... farms, 1997	139	31	206	110	177	213	85	171
1992	191	57	250	143	210	219	101	198
acres, 1997	44 545	17 826	104 202	43 669	56 154	83 017	31 011	82 567
1992	53 653	28 926	107 021	43 456	50 632	88 780	30 643	84 681
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated 1997	631	354	576	362	824	662	373	430
1992	694	343	656	407	973	672	410	501
Not on farm operated 1997	133	84	192	91	138	181	80	160
1992	158	127	213	101	160	210	82	181
Not reported 1997	42	14	37	15	43	55	19	22
1992	46	35	40	26	75	55	23	32
Operators by principal occupation:								
Farming 1997	626	331	618	359	770	660	371	482
1992	733	395	722	417	990	727	414	589
Other 1997	180	121	187	109	235	238	101	130
1992	165	110	187	117	218	210	101	125
Operators by days worked off farm:								
None 1997	414	212	413	244	552	455	248	303
1992	523	267	458	294	738	497	287	396
Any 1997	340	206	349	204	406	386	200	270
1992	308	197	395	208	389	370	196	272
1 to 49 days 1997	73	36	85	50	75	66	54	68
1992	85	36	108	48	83	76	52	79
50 to 99 days 1997	26	10	31	26	30	50	17	27
1992	31	21	50	19	37	36	13	32
100 to 149 days 1997	31	16	34	17	26	22	17	31
1992	18	18	34	20	34	26	16	33
150 to 199 days 1997	18	29	28	16	45	38	22	34
1992	25	16	24	14	30	33	17	25
200 days or more 1997	192	115	171	95	230	210	90	110
1992	149	106	179	107	205	199	98	103
Not reported 1997	52	34	43	20	47	57	24	39
1992	67	41	56	32	81	70	32	46
1997 operators by years on present farm:								
2 years or less	26	19	17	14	32	32	13	19
3 or 4 years	29	15	32	16	42	42	17	19
5 to 9 years	88	52	65	54	112	91	49	55
10 years or more	558	312	597	338	706	604	346	462
Average years on present farm	23.7	24.5	24.2	22.6	22.1	22.4	24.2	25.0
Not reported	105	54	94	46	113	129	47	57
1997 operators by age group:								
Under 25 years	12	4	2	9	20	8	9	15
25 to 34 years	107	46	44	33	99	82	47	36
35 to 44 years	189	76	215	131	291	213	134	133
45 to 54 years	163	87	189	117	235	233	104	141
55 to 64 years	179	102	170	97	188	190	92	150
65 years and over	156	137	185	81	172	172	86	137
Average age	50.5	55.1	52.8	50.4	49.8	51.4	50.6	52.9
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) ..... farms, 1997	575	397	675	372	857	758	404	513
1992	640	440	777	436	987	804	441	599
acres, 1997	181 785	203 238	318 680	160 726	255 627	352 024	180 719	261 494
1992	190 786	206 105	324 520	163 490	255 481	339 285	180 256	285 765
Partnership ..... farms, 1997	93	33	66	41	128	89	33	42
1992	144	50	81	63	198	99	49	61
acres, 1997	39 575	18 348	34 784	16 699	48 741	70 183	19 254	31 440
1992	43 978	28 974	41 468	(D)	64 783	55 546	24 171	28 285

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item		Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
TYPE OF ORGANIZATION—Con.								
Corporation:								
Family held	farms, 1997	5 314	40	11	11	10	13	90
	1992	4 345	39	15	13	7	13	68
	acres, 1997	3 925 095	32 993	6 635	7 368	10 510	(D)	(D)
	1992	2 971 767	31 559	(D)	(D)	6 056	(D)	(D)
Other than family held	farms, 1997	294	1	2	2	2	5	–
	1992	305	3	1	4	–	2	2
	acres, 1997	114 473	(D)	(D)	(D)	(D)	(D)	–
	1992	124 440	(D)	(D)	(D)	–	(D)	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1997	309	5	4	1	5	–	6
	1992	316	2	1	2	3	–	4
	acres, 1997	112 322	(D)	(D)	(D)	(D)	–	(D)
	1992	109 903	(D)	(D)	(D)	926	–	(D)
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)		43 338	350	217	145	179	319	661
Vegetable and melon farming (1112)		81	–	–	1	–	–	2
Fruit and tree nut farming (1113)		46	–	–	–	–	–	–
Greenhouse, nursery, and floriculture production (1114)		365	–	1	2	1	1	9
Other crop farming (1119)		1 671	33	14	35	47	17	20
Tobacco farming (11191)		–	–	–	–	–	–	–
Cotton farming (11192)		–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)		1 671	33	14	35	47	17	20
Beef cattle ranching and farming (112111)		5 431	89	82	125	173	36	47
Cattle feedlots (112112)		3 128	58	25	30	11	36	47
Dairy cattle and milk production (11212)		2 654	4	3	201	7	3	21
Hog and pig farming (1122)		8 827	43	28	73	7	86	101
Poultry and egg production (1123)		265	1	3	–	–	2	2
Sheep and goat farming (1124)		185	1	–	6	1	2	1
Animal aquaculture and other animal production (1125, 1129)		1 155	14	7	31	4	12	16
LIVESTOCK AND POULTRY								
Cattle and calves inventory	farms, 1997	30 503	419	283	539	346	242	401
	1992	36 153	491	360	662	356	275	468
	number, 1997	3 483 198	50 909	37 909	66 508	37 416	32 180	38 438
	1992	3 817 365	54 777	38 448	77 740	38 660	36 187	61 093
Cows and heifers that had calved	farms, 1997	24 608	385	265	483	334	184	323
	1992	28 649	449	340	596	342	199	372
	number, 1997	1 169 719	22 290	15 661	30 940	20 855	8 668	11 991
	1992	1 250 948	23 891	17 213	34 828	21 140	8 988	13 106
Beef cows	farms, 1997	21 355	382	265	311	332	180	300
	1992	24 181	443	338	384	338	197	337
	number, 1997	948 135	21 994	(D)	15 782	(D)	8 478	9 962
	1992	992 696	(D)	(D)	17 675	20 768	(D)	(D)
Milk cows	farms, 1997	4 016	10	7	225	15	4	28
	1992	5 629	23	11	315	17	8	45
	number, 1997	221 584	296	(D)	15 158	(D)	190	2 029
	1992	258 252	(D)	(D)	17 153	372	(D)	(D)
Heifers and heifer calves	farms, 1997	23 326	347	214	446	260	188	304
	number, 1997	988 644	12 894	10 047	18 009	8 189	8 621	9 926
Steers, steer calves, bulls, and bull calves	farms, 1997	26 719	392	256	475	302	216	367
	number, 1997	1 324 835	15 725	12 201	17 559	8 372	14 891	16 521
Cattle and calves sold	farms, 1997	31 130	424	290	551	357	248	411
	1992	36 841	501	364	680	371	282	472
	number, 1997	2 808 143	37 583	22 194	30 109	22 738	31 733	34 190
	1992	3 161 256	36 551	22 559	38 339	24 087	36 285	54 022
Calves	farms, 1997	10 211	139	109	230	185	71	103
	number, 1997	340 959	4 771	3 591	6 329	6 035	2 114	2 192
Cattle	farms, 1997	26 545	363	240	468	271	220	369
	1992	32 117	443	311	602	302	250	422
	number, 1997	2 467 184	32 812	18 603	23 780	16 703	29 619	31 998
	1992	2 811 769	31 888	18 674	30 172	18 654	33 406	51 344
Fattened on grain and concentrates	farms, 1997	11 918	165	66	114	28	111	217
	number, 1997	1 641 320	21 591	9 925	5 371	3 551	(D)	26 473
Hogs and pigs inventory	farms, 1997	16 440	126	60	131	21	157	216
	1992	29 642	273	151	311	70	280	419
	number, 1997	14 619 553	38 993	(D)	72 023	5 379	168 129	101 942
	1992	14 050 208	83 680	48 631	124 143	12 368	139 007	162 036
Used or to be used for breeding	farms, 1997	10 335	87	37	97	19	84	149
	1992	21 001	193	112	250	46	182	302
	number, 1997	1 359 667	(D)	2 568	8 386	(D)	12 226	12 688
	1992	1 605 139	10 437	4 623	15 089	1 475	14 404	19 830
Other	farms, 1997	15 973	122	58	128	20	155	212
	1992	28 785	256	143	294	65	274	410
	number, 1997	13 259 886	(D)	(D)	63 637	(D)	155 903	89 254
	1992	12 445 069	73 243	44 008	109 054	10 893	124 603	142 206
Hogs and pigs sold	farms, 1997	17 516	137	60	139	21	162	233
	1992	31 589	292	166	335	70	294	458
	number, 1997	27 468 666	61 466	76 631	148 347	(D)	372 997	199 748
	1992	26 677 632	155 046	94 535	256 313	19 483	274 458	311 215
Feeder pigs	farms, 1997	2 235	18	5	22	2	18	25
	1992	6 381	48	37	90	11	50	92
	number, 1997	4 469 004	5 947	1 690	(D)	(D)	120 127	(D)
	1992	4 891 369	20 090	11 174	63 444	1 865	49 605	40 848

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
TYPE OF ORGANIZATION—Con.							
Corporation:							
Family held ..... farms, 1997	79	126	42	49	54	40	37
1992	75	105	29	38	54	39	34
acres, 1997	59 362	111 439	23 833	32 701	35 933	33 297	(D)
1992	48 023	84 880	15 168	(D)	35 088	(D)	19 004
Other than family held ..... farms, 1997	3	8	1	6	6	1	–
1992	1	3	5	6	5	3	1
acres, 1997	(D)	(D)	(D)	(D)	(D)	(D)	–
1992	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other—cooperative, estate or trust, institutional, etc. ..... farms, 1997	6	3	3	5	5	2	–
1992	6	8	1	4	3	–	3
acres, 1997	(D)	(D)	(D)	(D)	(D)	(D)	–
1992	(D)	(D)	(D)	(D)	(D)	–	(D)
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM							
Oilseed and grain farming (1111)	553	542	501	564	542	573	566
Vegetable and melon farming (1112)	4	3	–	3	1	1	–
Fruit and tree nut farming (1113)	2	–	–	–	–	–	–
Greenhouse, nursery, and floriculture production (1114)	10	4	3	–	2	–	2
Other crop farming (1119)	16	8	11	20	5	13	3
Tobacco farming (11191)	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	16	8	11	20	5	13	3
Beef cattle ranching and farming (112111)	23	16	37	41	15	20	10
Cattle feedlots (112112)	20	14	26	26	24	32	21
Dairy cattle and milk production (11212)	14	3	71	53	2	23	–
Hog and pig farming (1122)	111	52	78	180	160	136	79
Poultry and egg production (1123)	6	1	2	6	15	4	3
Sheep and goat farming (1124)	2	–	2	4	4	3	2
Animal aquaculture and other animal production (1125, 1129)	7	4	9	26	14	17	5
LIVESTOCK AND POULTRY							
Cattle and calves inventory ..... farms, 1997	217	169	328	402	176	301	157
1992	277	202	436	459	186	374	183
number, 1997	15 891	15 831	23 481	26 823	22 568	20 917	20 823
1992	20 200	22 466	32 515	27 682	23 607	25 842	19 866
Cows and heifers that had calved ..... farms, 1997	145	143	232	322	132	218	108
1992	174	149	311	350	136	261	123
number, 1997	4 805	5 354	8 794	8 790	4 707	6 699	3 905
1992	4 890	5 229	11 703	9 485	4 717	7 734	4 053
Beef cows ..... farms, 1997	117	141	136	194	130	182	108
1992	136	142	134	179	128	194	120
number, 1997	(D)	5 255	3 408	5 020	4 386	(D)	(D)
1992	2 919	5 002	3 608	4 888	4 246	(D)	(D)
Milk cows ..... farms, 1997	30	3	107	144	4	42	1
1992	47	8	189	193	12	74	6
number, 1997	(D)	99	5 386	3 770	321	(D)	(D)
1992	1 971	227	8 095	4 597	471	(D)	(D)
Heifers and heifer calves ..... farms, 1997	147	122	239	294	129	218	122
number, 1997	4 162	4 873	6 591	8 289	6 111	5 582	5 747
Steers, steer calves, bulls, and bull calves ..... farms, 1997	190	155	283	353	156	260	132
number, 1997	6 924	5 604	8 096	9 744	11 750	8 636	11 171
Cattle and calves sold ..... farms, 1997	222	168	335	411	179	308	167
1992	280	199	432	467	188	386	191
number, 1997	12 039	13 935	20 349	18 101	26 206	17 021	22 002
1992	15 332	21 253	18 269	18 698	31 240	20 367	19 631
Calves ..... farms, 1997	74	49	123	154	41	92	36
number, 1997	1 795	904	5 440	2 760	993	1 615	1 401
Cattle ..... farms, 1997	196	138	295	341	154	275	138
1992	252	166	390	396	174	338	164
number, 1997	10 244	13 031	14 909	15 341	25 213	15 406	20 601
1992	13 365	19 825	13 539	15 532	30 216	16 954	18 183
Fattened on grain and concentrates ..... farms, 1997	112	63	171	167	79	167	78
number, 1997	8 275	10 446	6 136	10 809	21 755	11 059	16 867
Hogs and pigs inventory ..... farms, 1997	191	98	151	288	264	231	152
1992	313	189	299	445	353	419	240
number, 1997	171 420	101 299	88 379	191 280	298 033	178 579	171 353
1992	164 432	97 983	99 642	191 624	211 319	218 514	138 527
Used or to be used for breeding ..... farms, 1997	95	58	92	187	138	117	66
1992	196	126	198	334	219	258	148
number, 1997	12 683	9 768	9 771	22 118	(D)	(D)	9 930
1992	15 304	11 224	12 636	24 309	21 901	21 498	12 387
Other ..... farms, 1997	189	95	146	277	256	229	149
1992	308	185	289	427	341	409	237
number, 1997	158 737	91 531	78 608	169 162	(D)	(D)	161 423
1992	149 128	86 759	87 006	167 315	189 418	197 016	126 140
Hogs and pigs sold ..... farms, 1997	202	105	163	310	284	254	159
1992	340	203	317	476	374	450	265
number, 1997	298 565	198 622	204 316	395 855	603 328	315 423	279 881
1992	316 473	184 705	195 380	385 972	454 339	398 305	231 326
Feeder pigs ..... farms, 1997	20	11	36	56	33	33	12
1992	64	31	87	126	76	95	50
number, 1997	(D)	(D)	44 717	(D)	(D)	33 602	(D)
1992	39 272	36 507	40 297	100 669	72 622	74 461	(D)

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
TYPE OF ORGANIZATION—Con.							
Corporation:							
Family held ..... farms, 1997	57	38	72	69	52	35	11
1992	53	28	74	68	48	31	14
acres, 1997	(D)	31 623	48 553	39 247	31 917	29 239	11 490
1992	20 785	24 100	43 297	35 409	(D)	22 410	(D)
Other than family held ..... farms, 1997	4	6	6	7	5	2	1
1992	1	3	5	5	2	2	–
acres, 1997	(D)	(D)	1 483	(D)	(D)	(D)	(D)
1992	(D)	(D)	1 844	(D)	(D)	(D)	–
Other—cooperative, estate or trust, institutional, etc. ..... farms, 1997	3	7	6	4	2	1	2
1992	5	3	4	1	6	2	1
acres, 1997	(D)	(D)	1 540	(D)	(D)	(D)	(D)
1992	(D)	(D)	1 055	(D)	(D)	(D)	(D)
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM							
Oilseed and grain farming (1111)	617	422	514	485	520	426	164
Vegetable and melon farming (1112)	–	–	1	4	–	–	–
Fruit and tree nut farming (1113)	–	–	2	–	–	2	–
Greenhouse, nursery, and floriculture production (1114)	2	1	9	11	1	3	1
Other crop farming (1119)	18	18	12	3	10	12	22
Tobacco farming (11191)	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	18	18	12	3	10	12	22
Beef cattle ranching and farming (112111)	30	58	30	8	38	59	124
Cattle feedlots (112112)	63	45	36	14	42	42	32
Dairy cattle and milk production (11212)	2	4	16	7	8	61	5
Hog and pig farming (1122)	217	41	100	69	138	101	17
Poultry and egg production (1123)	–	1	–	4	1	–	–
Sheep and goat farming (1124)	2	–	–	1	–	–	1
Animal aquaculture and other animal production (1125, 1129)	17	18	13	5	17	15	13
LIVESTOCK AND POULTRY							
Cattle and calves inventory ..... farms, 1997	349	357	307	126	330	361	309
1992	419	452	372	138	389	385	353
number, 1997	72 505	48 085	27 996	8 992	47 821	38 106	36 651
1992	72 553	52 823	31 300	9 110	49 991	34 604	36 117
Cows and heifers that had calved ..... farms, 1997	231	314	246	85	255	270	298
1992	270	394	295	109	287	279	337
number, 1997	9 470	16 160	9 742	3 004	11 137	11 625	18 203
1992	12 061	18 607	10 517	3 628	12 741	10 477	19 233
Beef cows ..... farms, 1997	225	310	227	75	242	182	296
1992	260	388	273	99	258	151	334
number, 1997	(D)	15 812	8 843	(D)	(D)	5 951	17 853
1992	(D)	18 217	9 617	3 225	11 190	(D)	18 776
Milk cows ..... farms, 1997	9	10	23	11	17	101	11
1992	13	16	31	12	38	144	14
number, 1997	(D)	348	899	(D)	(D)	5 674	350
1992	(D)	390	900	403	1 551	(D)	457
Heifers and heifer calves ..... farms, 1997	261	280	235	102	244	273	254
number, 1997	30 399	14 466	8 325	2 426	16 282	11 573	8 741
Steers, steer calves, bulls, and bull calves ..... farms, 1997	292	319	266	98	288	315	281
number, 1997	32 636	17 459	9 929	3 562	20 402	14 908	9 707
Cattle and calves sold ..... farms, 1997	365	363	315	122	344	366	312
1992	426	454	377	139	401	393	356
number, 1997	96 332	37 877	21 234	6 232	40 746	31 872	18 719
1992	102 138	43 543	23 627	6 569	42 783	30 549	20 125
Calves ..... farms, 1997	95	118	63	30	90	103	127
number, 1997	7 291	4 434	1 890	574	2 173	3 999	4 388
Cattle ..... farms, 1997	311	299	289	110	304	319	248
1992	368	389	336	125	362	348	308
number, 1997	89 041	33 443	19 344	5 658	38 573	27 873	14 331
1992	93 857	38 825	21 531	5 911	40 493	27 963	15 990
Fattened on grain and concentrates ..... farms, 1997	174	142	171	64	155	188	60
number, 1997	80 031	23 028	14 690	4 145	30 792	19 069	4 467
Hogs and pigs inventory ..... farms, 1997	350	116	191	133	240	178	46
1992	570	274	411	234	382	315	123
number, 1997	372 501	64 177	151 787	126 609	222 567	131 195	67 091
1992	329 177	93 744	223 177	114 872	197 622	137 426	30 151
Used or to be used for breeding ..... farms, 1997	186	82	138	102	130	111	34
1992	396	184	292	179	240	206	99
number, 1997	30 201	5 832	16 890	16 759	(D)	13 032	(D)
1992	33 564	11 568	25 322	17 557	19 698	14 500	4 230
Other ..... farms, 1997	342	113	186	123	235	177	44
1992	555	269	408	227	378	314	112
number, 1997	342 300	58 345	134 897	109 850	(D)	118 163	(D)
1992	295 613	82 176	197 855	97 315	177 924	122 926	25 921
Hogs and pigs sold ..... farms, 1997	365	125	206	148	254	186	52
1992	596	292	430	247	412	334	134
number, 1997	713 262	112 188	285 853	286 775	390 186	284 505	103 037
1992	608 376	188 291	424 666	232 873	360 011	272 496	60 238
Feeder pigs ..... farms, 1997	44	17	29	24	25	31	10
1992	115	68	76	63	70	59	33
number, 1997	(D)	(D)	51 169	(D)	(D)	(D)	(D)
1992	125 661	40 494	86 480	49 935	62 865	58 009	14 980

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
TYPE OF ORGANIZATION—Con.							
Corporation:							
Family held ..... farms, 1997	86	51	68	32	61	24	11
1992	74	40	70	31	44	18	15
acres, 1997	(D)	34 915	(D)	29 266	50 696	32 364	9 781
1992	50 473	23 190	(D)	23 224	36 237	(D)	16 662
Other than family held ..... farms, 1997	4	1	–	7	3	1	1
1992	3	4	2	9	5	2	2
acres, 1997	1 090	(D)	–	(D)	(D)	(D)	(D)
1992	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other—cooperative, estate or trust, institutional, etc. ..... farms, 1997	3	3	4	1	2	2	3
1992	1	5	6	1	10	–	1
acres, 1997	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1992	(D)	(D)	(D)	(D)	(D)	–	(D)
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM							
Oilseed and grain farming (1111)	444	371	647	567	490	185	139
Vegetable and melon farming (1112)	–	–	1	2	3	–	–
Fruit and tree nut farming (1113)	–	2	–	–	–	–	–
Greenhouse, nursery, and floriculture production (1114)	3	8	2	2	14	3	–
Other crop farming (1119)	10	60	18	23	10	33	37
Tobacco farming (11191)	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	10	60	18	23	10	33	37
Beef cattle ranching and farming (112111)	7	139	62	76	27	167	166
Cattle feedlots (112112)	14	42	88	61	13	18	12
Dairy cattle and milk production (11212)	1	310	24	3	2	38	3
Hog and pig farming (1122)	61	187	85	101	27	46	18
Poultry and egg production (1123)	4	6	1	–	8	1	–
Sheep and goat farming (1124)	3	2	4	2	1	6	1
Animal aquaculture and other animal production (1125, 1129)	3	33	17	18	12	7	7
LIVESTOCK AND POULTRY							
Cattle and calves inventory ..... farms, 1997	148	783	448	506	194	398	302
1992	205	968	502	613	219	432	329
number, 1997	16 197	79 976	52 328	58 779	14 942	42 673	57 338
1992	22 443	97 715	57 963	62 079	19 312	39 261	44 771
Cows and heifers that had calved ..... farms, 1997	121	696	310	415	166	374	275
1992	150	833	330	503	178	403	307
number, 1997	5 378	36 196	14 431	18 921	5 896	20 551	21 171
1992	5 349	42 924	13 142	20 604	6 722	19 265	19 293
Beef cows ..... farms, 1997	118	367	275	405	163	320	272
1992	148	410	281	493	173	345	300
number, 1997	(D)	14 249	(D)	18 253	(D)	18 767	20 946
1992	(D)	16 322	(D)	19 581	(D)	17 575	18 935
Milk cows ..... farms, 1997	3	409	43	16	5	68	7
1992	3	540	59	29	9	85	17
number, 1997	(D)	21 947	(D)	668	(D)	1 784	225
1992	(D)	26 602	(D)	1 023	(D)	1 690	358
Heifers and heifer calves ..... farms, 1997	113	661	338	379	148	334	252
number, 1997	4 166	25 079	17 957	17 676	3 487	11 248	16 295
Steers, steer calves, bulls, and bull calves ..... farms, 1997	126	618	376	444	178	358	280
number, 1997	6 653	18 701	19 940	22 182	5 559	10 874	19 872
Cattle and calves sold ..... farms, 1997	153	806	455	526	196	408	309
1992	216	975	523	638	220	436	339
number, 1997	14 467	38 148	54 971	46 799	17 796	24 188	48 770
1992	22 093	44 607	55 532	47 723	14 150	22 681	41 653
Calves ..... farms, 1997	35	412	101	152	68	194	136
number, 1997	747	11 815	3 398	5 256	1 587	6 283	5 529
Cattle ..... farms, 1997	136	664	415	457	168	330	263
1992	199	810	478	544	187	378	283
number, 1997	13 720	26 333	51 573	41 543	16 209	17 905	43 241
1992	21 106	33 259	52 332	42 071	12 721	17 869	36 343
Fattened on grain and concentrates ..... farms, 1997	67	222	266	207	67	41	31
number, 1997	10 087	9 445	44 320	28 779	12 644	2 500	3 275
Hogs and pigs inventory ..... farms, 1997	130	326	231	215	70	84	36
1992	228	610	497	444	137	200	107
number, 1997	108 428	242 287	101 286	177 851	56 068	122 953	39 027
1992	115 225	287 097	167 039	179 461	57 519	55 221	41 831
Used or to be used for breeding ..... farms, 1997	83	228	161	124	40	57	25
1992	163	455	349	291	93	150	80
number, 1997	(D)	29 291	10 589	10 170	3 788	(D)	5 341
1992	12 810	34 557	17 389	18 597	5 779	6 959	5 125
Other ..... farms, 1997	124	321	224	207	70	82	36
1992	218	592	485	432	131	191	98
number, 1997	(D)	212 996	90 697	167 681	52 280	(D)	33 686
1992	102 415	252 540	149 650	160 864	51 740	48 262	36 706
Hogs and pigs sold ..... farms, 1997	141	358	256	230	78	91	37
1992	247	649	527	472	142	211	110
number, 1997	221 443	441 742	175 400	264 556	95 911	156 151	(D)
1992	201 152	514 451	316 094	345 140	92 466	114 584	71 134
Feeder pigs ..... farms, 1997	8	67	29	27	16	10	1
1992	33	155	110	77	31	69	30
number, 1997	(D)	(D)	37 676	26 881	7 299	2 234	(D)
1992	11 550	79 628	46 727	50 918	12 785	33 285	13 990

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item		Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
TYPE OF ORGANIZATION—Con.									
Corporation:									
Family held	farms, 1997	48	77	34	27	24	67	67	62
	1992	41	55	33	31	21	43	61	65
	acres, 1997	(D)	42 841	21 963	9 539	19 947	52 712	56 622	40 897
	1992	26 953	28 938	(D)	(D)	14 689	(D)	(D)	(D)
Other than family held	farms, 1997	4	3	–	6	–	8	6	4
	1992	6	1	–	2	2	3	5	3
	acres, 1997	370	594	–	(D)	–	(D)	(D)	(D)
	1992	(D)	(D)	–	(D)	(D)	(D)	1 590	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1997	2	4	–	8	–	3	4	1
	1992	5	4	–	1	–	2	4	1
	acres, 1997	(D)	304	–	(D)	–	(D)	(D)	(D)
	1992	(D)	(D)	–	(D)	–	(D)	(D)	(D)
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM									
Oilseed and grain farming (1111)		356	345	294	238	337	533	504	564
Vegetable and melon farming (1112)		–	1	1	–	–	2	–	–
Fruit and tree nut farming (1113)		1	–	–	3	–	2	–	1
Greenhouse, nursery, and floriculture production (1114)		5	5	2	11	–	2	3	2
Other crop farming (1119)		16	7	10	56	–	11	10	6
Tobacco farming (11191)		–	–	–	–	–	–	–	–
Cotton farming (11192)		–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)		16	7	10	56	–	11	10	6
Beef cattle ranching and farming (112111)		65	16	17	127	9	76	15	10
Cattle feedlots (112112)		66	10	14	147	20	61	28	15
Dairy cattle and milk production (11212)		216	6	5	362	–	150	15	2
Hog and pig farming (1122)		324	38	32	235	39	156	76	107
Poultry and egg production (1123)		1	–	–	2	1	2	3	6
Sheep and goat farming (1124)		–	–	2	2	–	3	–	–
Animal aquaculture and other animal production (1125, 1129)		20	6	5	17	2	19	3	8
LIVESTOCK AND POULTRY									
Cattle and calves inventory	farms, 1997	624	172	120	902	119	544	204	182
	1992	770	192	146	1 031	138	691	251	200
	number, 1997	69 343	13 810	26 475	109 089	18 478	57 627	15 345	18 468
	1992	75 269	13 805	26 781	120 493	16 279	68 677	16 235	15 702
Cows and heifers that had calved	farms, 1997	497	149	81	720	79	397	148	130
	1992	596	163	103	814	103	525	169	145
	number, 1997	26 363	5 533	4 407	43 082	3 523	21 568	4 918	4 158
	1992	29 426	5 779	4 313	45 501	3 758	24 551	4 345	4 673
Beef cows	farms, 1997	202	145	77	347	79	224	130	117
	1992	218	151	94	330	101	245	153	124
	number, 1997	(D)	(D)	(D)	15 094	3 523	(D)	3 955	3 730
	1992	6 860	(D)	3 688	12 002	(D)	9 116	3 741	(D)
Milk cows	farms, 1997	314	10	5	412	–	206	27	16
	1992	411	12	12	544	4	317	23	25
	number, 1997	(D)	(D)	(D)	27 988	–	(D)	963	428
	1992	22 566	(D)	625	33 499	(D)	15 435	604	(D)
Heifers and heifer calves	farms, 1997	470	125	85	701	80	406	143	138
	number, 1997	21 598	3 826	6 180	30 774	4 566	17 811	3 493	5 225
Steers, steer calves, bulls, and bull calves	farms, 1997	514	156	110	694	106	466	178	156
	number, 1997	21 382	4 451	15 888	35 233	10 389	18 248	6 934	9 085
Cattle and calves sold	farms, 1997	641	167	122	916	126	556	212	181
	1992	776	194	152	1 040	142	705	250	198
	number, 1997	44 914	10 265	28 659	65 176	18 055	32 072	11 129	13 393
	1992	47 819	8 846	31 023	74 230	15 391	39 044	15 352	14 066
Calves	farms, 1997	258	58	27	404	29	196	58	34
	number, 1997	6 468	2 745	770	11 901	568	7 023	916	592
Cattle	farms, 1997	544	130	107	765	109	487	189	168
	1992	669	162	143	891	121	610	214	185
	number, 1997	38 446	7 520	27 889	53 275	17 487	25 049	10 213	12 801
	1992	39 028	7 621	30 334	59 685	14 645	32 320	14 421	13 355
Fattened on grain and concentrates	farms, 1997	275	64	54	391	62	254	109	97
	number, 1997	24 724	5 087	(D)	36 944	14 764	14 729	7 341	9 672
Hogs and pigs inventory	farms, 1997	507	63	81	387	76	283	149	176
	1992	793	109	128	725	139	491	277	294
	number, 1997	401 544	124 949	(D)	258 361	120 492	242 340	105 973	197 627
	1992	489 204	52 761	57 296	369 735	56 334	235 510	127 223	168 324
Used or to be used for breeding	farms, 1997	373	41	56	280	38	167	92	91
	1992	635	69	85	574	77	339	175	192
	number, 1997	41 479	(D)	(D)	27 482	(D)	(D)	(D)	9 772
	1992	57 829	6 487	7 333	44 244	4 567	28 144	14 054	18 110
Other	farms, 1997	497	62	79	377	74	278	144	175
	1992	777	108	126	706	134	472	271	285
	number, 1997	360 065	(D)	(D)	230 879	(D)	(D)	(D)	187 855
	1992	431 375	46 274	49 963	325 491	51 767	207 366	113 169	150 214
Hogs and pigs sold	farms, 1997	528	67	87	400	79	301	157	191
	1992	828	121	143	753	153	531	297	319
	number, 1997	655 753	213 145	76 348	429 893	176 277	513 842	244 500	344 053
	1992	811 781	117 266	101 696	638 473	109 985	453 448	250 100	360 243
Feeder pigs	farms, 1997	76	14	9	58	13	42	27	15
	1992	157	18	21	186	32	90	70	49
	number, 1997	77 036	70 580	6 347	85 106	45 341	(D)	67 491	(D)
	1992	98 776	37 013	(D)	122 385	15 458	79 659	64 411	80 617

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item		Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
TYPE OF ORGANIZATION—Con.									
Corporation:									
Family held	farms, 1997	63	79	83	28	69	60	79	45
	1992	50	66	66	20	54	37	52	40
	acres, 1997	71 992	(D)	(D)	22 291	(D)	(D)	59 916	44 831
	1992	43 842	54 577	58 312	(D)	38 073	(D)	34 144	32 949
Other than family held	farms, 1997	1	1	3	1	3	2	1	1
	1992	3	3	7	1	4	2	9	2
	acres, 1997	(D)	(D)	(D)	(D)	1 125	(D)	(D)	(D)
	1992	(D)	(D)	(D)	(D)	(D)	(D)	1 572	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1997	4	4	–	3	3	3	3	4
	1992	2	3	2	4	2	6	7	6
	acres, 1997	(D)	(D)	–	(D)	(D)	(D)	(D)	(D)
	1992	(D)	(D)	(D)	(D)	(D)	(D)	1 889	(D)
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM									
Oilseed and grain farming (1111)		386	548	495	377	546	575	532	538
Vegetable and melon farming (1112)		–	–	1	–	1	–	4	1
Fruit and tree nut farming (1113)		2	–	–	–	–	–	1	2
Greenhouse, nursery, and floriculture production (1114)		6	–	1	1	1	2	5	2
Other crop farming (1119)		1	7	7	15	8	5	6	6
Tobacco farming (11191)		–	–	–	–	–	–	–	–
Cotton farming (11192)		–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)		1	7	7	15	8	5	6	6
Beef cattle ranching and farming (112111)		20	22	14	81	8	8	22	58
Cattle feedlots (112112)		9	6	16	15	3	25	15	23
Dairy cattle and milk production (11212)		1	–	6	5	2	4	1	2
Hog and pig farming (1122)		15	48	98	60	88	91	109	34
Poultry and egg production (1123)		–	–	4	1	18	1	5	–
Sheep and goat farming (1124)		–	–	2	–	–	–	1	–
Animal aquaculture and other animal production (1125, 1129)		6	5	7	8	4	5	6	7
LIVESTOCK AND POULTRY									
Cattle and calves inventory	farms, 1997	185	204	187	341	101	149	195	309
	1992	209	222	229	427	108	188	242	356
	number, 1997	22 676	20 281	19 293	33 773	4 969	11 122	18 733	32 879
	1992	21 042	22 894	23 966	34 221	6 780	15 859	22 650	36 540
Cows and heifers that had calved	farms, 1997	164	165	128	306	74	96	160	258
	1992	188	188	144	383	76	122	181	291
	number, 1997	7 259	5 391	4 846	15 257	1 917	2 921	6 167	11 422
	1992	7 124	6 938	4 012	15 887	1 693	3 296	6 451	12 347
Beef cows	farms, 1997	163	163	117	302	71	90	157	256
	1992	185	187	127	376	70	112	177	289
	number, 1997	(D)	5 383	(D)	14 700	1 577	(D)	(D)	(D)
	1992	(D)	(D)	(D)	15 473	(D)	(D)	(D)	(D)
Milk cows	farms, 1997	2	6	12	9	4	7	5	5
	1992	3	2	19	17	6	15	5	7
	number, 1997	(D)	8	(D)	557	340	(D)	(D)	(D)
	1992	(D)	(D)	(D)	414	(D)	(D)	(D)	(D)
Heifers and heifer calves	farms, 1997	142	159	128	257	76	113	146	235
	number, 1997	5 971	6 307	4 468	7 553	1 375	4 174	4 058	8 097
Steers, steer calves, bulls, and bull calves	farms, 1997	163	177	163	311	89	123	175	282
	number, 1997	9 446	8 583	9 979	10 963	1 677	4 027	8 508	13 360
Cattle and calves sold	farms, 1997	192	199	190	345	96	162	197	315
	1992	225	228	245	429	108	195	250	351
	number, 1997	26 356	19 012	24 258	27 713	6 694	10 756	15 307	25 443
	1992	26 832	22 483	35 375	26 114	11 261	15 286	22 236	29 512
Calves	farms, 1997	72	58	47	158	31	29	64	97
	number, 1997	1 690	1 175	1 100	5 008	1 605	493	2 265	4 116
Cattle	farms, 1997	151	169	172	266	82	146	169	263
	1992	185	187	228	335	91	179	228	306
	number, 1997	24 666	17 837	23 158	22 705	5 089	10 263	13 042	21 327
	1992	24 378	16 401	34 132	20 246	9 855	14 038	21 239	27 044
Fattened on grain and concentrates	farms, 1997	44	70	111	73	42	96	103	100
	number, 1997	19 240	11 379	20 891	14 823	2 320	8 696	9 446	10 381
Hogs and pigs inventory	farms, 1997	54	119	172	106	152	179	195	71
	1992	109	163	294	229	225	334	314	174
	number, 1997	24 261	154 517	156 730	81 129	448 191	174 312	395 085	66 369
	1992	41 164	75 372	144 393	95 564	206 703	166 183	203 192	61 726
Used or to be used for breeding	farms, 1997	31	55	100	78	82	110	126	46
	1992	78	93	189	164	149	241	229	105
	number, 1997	2 243	(D)	(D)	6 904	(D)	13 848	26 273	(D)
	1992	5 001	7 844	14 578	11 746	19 985	21 337	24 466	8 902
Other	farms, 1997	52	115	168	99	147	175	189	71
	1992	108	162	287	225	223	330	304	169
	number, 1997	22 018	(D)	(D)	74 225	(D)	160 464	368 812	(D)
	1992	36 163	67 528	129 815	83 818	186 718	144 846	178 726	52 824
Hogs and pigs sold	farms, 1997	57	124	184	115	166	193	209	81
	1992	122	186	318	246	248	366	341	193
	number, 1997	41 961	219 190	278 294	148 746	882 069	319 352	769 809	170 017
	1992	73 210	162 451	261 585	182 253	383 971	327 659	427 572	163 172
Feeder pigs	farms, 1997	7	17	30	16	14	17	28	14
	1992	14	39	64	59	48	67	67	44
	number, 1997	2 453	48 596	19 894	30 869	(D)	(D)	43 463	62 795
	1992	(D)	33 283	32 917	34 246	42 973	60 218	74 877	86 292

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item		Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
TYPE OF ORGANIZATION—Con.									
Corporation:									
Family held	farms, 1997	71	23	43	48	40	26	118	36
	1992	47	18	27	36	29	31	86	25
	acres, 1997	37 435	(D)	(D)	26 164	34 959	16 779	84 245	22 894
	1992	26 249	(D)	18 401	21 194	(D)	(D)	62 380	(D)
Other than family held	farms, 1997	1	–	–	4	5	2	2	2
	1992	4	1	4	2	5	1	2	–
	acres, 1997	(D)	–	–	(D)	(D)	(D)	(D)	(D)
	1992	(D)	(D)	(D)	(D)	(D)	(D)	(D)	–
Other—cooperative, estate or trust, institutional, etc.	farms, 1997	2	2	1	6	4	1	5	7
	1992	7	–	4	6	3	2	9	1
	acres, 1997	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	1992	(D)	–	(D)	(D)	(D)	(D)	(D)	(D)
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM									
Oilseed and grain farming (1111)		355	391	464	392	389	265	617	287
Vegetable and melon farming (1112)		–	–	–	–	–	–	1	–
Fruit and tree nut farming (1113)		1	–	–	–	1	1	1	–
Greenhouse, nursery, and floriculture production (1114)		4	2	2	1	1	1	6	3
Other crop farming (1119)		6	14	1	9	17	53	30	9
Tobacco farming (11191)		–	–	–	–	–	–	–	–
Cotton farming (11192)		–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)		6	14	1	9	17	53	30	9
Beef cattle ranching and farming (112111)		37	41	6	22	62	157	33	53
Cattle feedlots (112112)		22	31	11	30	39	147	43	20
Dairy cattle and milk production (11212)		4	67	2	1	13	100	16	9
Hog and pig farming (1122)		77	85	42	70	111	92	111	66
Poultry and egg production (1123)		14	–	5	–	3	3	1	–
Sheep and goat farming (1124)		1	4	1	–	3	1	–	1
Animal aquaculture and other animal production (1125, 1129)		9	16	2	7	16	28	24	8
LIVESTOCK AND POULTRY									
Cattle and calves inventory	farms, 1997	220	320	92	246	361	672	431	251
	1992	234	344	112	306	445	812	586	284
	number, 1997	16 239	29 681	11 576	31 939	42 554	84 839	44 587	18 003
	1992	14 467	32 943	13 524	36 575	49 745	99 218	52 535	23 463
Cows and heifers that had calved	farms, 1997	189	230	45	202	319	579	379	231
	1992	194	255	66	221	355	670	489	249
	number, 1997	7 859	9 298	1 604	9 187	16 589	30 754	16 668	8 040
	1992	6 155	11 012	2 452	8 594	16 716	33 568	19 824	9 852
Beef cows	farms, 1997	183	139	38	200	304	489	364	221
	1992	189	146	57	212	337	569	464	244
	number, 1997	(D)	4 751	1 305	(D)	15 608	23 197	(D)	(D)
	1992	5 810	5 890	(D)	8 091	15 655	(D)	(D)	(D)
Milk cows	farms, 1997	7	101	7	5	22	133	17	14
	1992	6	121	11	15	32	164	33	12
	number, 1997	(D)	4 547	299	(D)	981	7 557	(D)	(D)
	1992	345	5 122	(D)	503	1 061	(D)	(D)	(D)
Heifers and heifer calves	farms, 1997	156	240	55	197	286	539	327	188
	number, 1997	3 402	9 582	4 265	8 865	11 766	22 607	9 095	4 265
Steers, steer calves, bulls, and bull calves	farms, 1997	201	274	73	213	323	587	386	225
	number, 1997	4 978	10 801	5 707	13 887	14 199	31 478	18 824	5 698
Cattle and calves sold	farms, 1997	222	322	91	260	362	672	443	258
	1992	234	357	117	313	455	821	602	288
	number, 1997	10 991	17 692	11 340	28 282	30 579	54 217	34 227	11 202
	1992	9 546	18 867	13 616	30 060	37 963	70 262	41 965	15 016
Calves	farms, 1997	96	99	25	72	107	176	125	107
	number, 1997	3 850	2 813	523	3 019	2 989	6 449	3 442	2 936
Cattle	farms, 1997	169	288	83	225	314	588	386	203
	1992	199	319	104	277	396	723	506	238
	number, 1997	7 141	14 879	10 817	25 263	27 590	47 768	30 785	8 266
	1992	7 611	16 434	12 745	28 787	34 708	61 865	36 745	11 890
Fattened on grain and concentrates	farms, 1997	69	148	38	117	149	333	180	72
	number, 1997	3 967	10 123	8 235	18 385	16 564	31 797	22 437	3 740
Hogs and pigs inventory	farms, 1997	117	181	105	136	196	215	209	116
	1992	179	310	176	280	344	471	408	178
	number, 1997	88 013	98 893	85 672	120 034	132 806	88 302	180 562	72 833
	1992	89 598	101 809	98 630	119 688	143 061	158 796	231 750	82 504
Used or to be used for breeding	farms, 1997	72	124	61	74	131	150	139	68
	1992	126	226	103	176	269	370	313	121
	number, 1997	7 337	(D)	(D)	11 224	10 108	10 005	23 185	(D)
	1992	10 383	13 001	10 782	12 063	16 105	18 796	26 718	9 931
Other	farms, 1997	115	170	102	133	188	201	200	114
	1992	177	290	171	271	338	454	395	175
	number, 1997	80 676	(D)	(D)	108 810	122 698	78 297	157 377	(D)
	1992	79 215	88 808	87 848	107 625	126 956	140 000	205 032	72 573
Hogs and pigs sold	farms, 1997	121	189	110	151	205	221	222	122
	1992	198	322	199	304	366	494	421	194
	number, 1997	152 919	178 096	182 071	220 494	224 942	165 296	435 250	142 178
	1992	190 730	192 190	218 052	219 594	264 079	290 363	410 566	194 785
Feeder pigs	farms, 1997	18	29	21	21	26	31	27	10
	1992	47	63	34	47	57	127	84	36
	number, 1997	(D)	(D)	67 689	86 998	(D)	(D)	(D)	36 945
	1992	49 472	27 011	(D)	35 071	26 544	61 563	58 230	69 204

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
TYPE OF ORGANIZATION—Con.								
Corporation:								
Family held ..... farms, 1997	65	97	82	90	65	76	60	12
1992	58	83	47	62	56	72	38	13
acres, 1997	34 799	64 205	57 920	(D)	45 646	49 675	(D)	14 627
1992	28 621	(D)	35 663	48 989	(D)	48 955	(D)	11 512
Other than family held ..... farms, 1997	7	2	2	4	2	3	–	2
1992	6	2	1	4	1	1	3	1
acres, 1997	(D)	(D)	(D)	(D)	(D)	(D)	–	(D)
1992	(D)	(D)	(D)	505	(D)	(D)	(D)	(D)
Other—cooperative, estate or trust, institutional, etc. ..... farms, 1997	3	2	3	4	3	6	2	3
1992	4	2	4	4	2	6	2	2
acres, 1997	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1992	(D)	(D)	(D)	713	(D)	(D)	(D)	(D)
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	421	433	412	1 034	316	616	320	147
Vegetable and melon farming (1112)	–	–	–	1	2	6	2	–
Fruit and tree nut farming (1113)	4	–	–	–	1	1	1	–
Greenhouse, nursery, and floriculture production (1114)	11	3	–	2	5	24	2	1
Other crop farming (1119)	25	18	22	13	25	27	6	25
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	25	18	22	13	25	27	6	25
Beef cattle ranching and farming (112111)	63	96	39	18	46	42	9	124
Cattle feedlots (112112)	35	68	17	40	28	46	9	20
Dairy cattle and milk production (11212)	39	40	3	12	15	29	3	9
Hog and pig farming (1122)	164	111	124	141	68	82	50	28
Poultry and egg production (1123)	7	–	5	1	2	–	–	–
Sheep and goat farming (1124)	4	1	–	1	1	3	1	4
Animal aquaculture and other animal production (1125, 1129)	34	20	9	17	10	21	1	4
LIVESTOCK AND POULTRY								
Cattle and calves inventory ..... farms, 1997	431	446	322	269	279	410	133	284
1992	476	526	381	332	328	502	163	290
number, 1997	35 425	59 386	26 723	29 741	24 752	33 570	10 559	36 005
1992	36 342	62 726	29 044	33 431	28 337	40 186	10 852	33 860
Cows and heifers that had calved ..... farms, 1997	388	345	283	162	234	337	111	279
1992	424	410	329	197	255	404	138	281
number, 1997	14 011	17 705	12 481	5 860	10 580	10 888	4 395	18 830
1992	14 553	18 543	13 180	7 260	10 890	12 975	4 507	17 874
Beef cows ..... farms, 1997	300	299	280	143	220	291	109	273
1992	323	336	323	158	237	348	136	276
number, 1997	11 080	14 449	(D)	(D)	(D)	8 866	(D)	18 591
1992	11 486	14 454	12 953	5 518	(D)	10 649	(D)	(D)
Milk cows ..... farms, 1997	93	62	6	24	21	50	6	14
1992	110	96	13	45	34	65	6	8
number, 1997	2 931	3 256	(D)	(D)	(D)	2 022	(D)	239
1992	3 067	4 089	227	1 742	(D)	2 326	(D)	(D)
Heifers and heifer calves ..... farms, 1997	364	345	238	181	201	310	106	241
number, 1997	9 049	14 477	5 881	7 687	5 373	6 658	2 741	8 006
Steers, steer calves, bulls, and bull calves ..... farms, 1997	395	395	299	226	246	364	122	261
number, 1997	12 365	27 204	8 361	16 194	8 799	16 024	3 423	9 169
Cattle and calves sold ..... farms, 1997	437	461	326	282	288	415	132	292
1992	486	546	372	338	328	508	159	296
number, 1997	19 662	54 379	22 932	29 678	15 173	25 835	6 558	20 922
1992	23 226	58 469	18 526	29 702	19 454	30 799	7 856	19 225
Calves ..... farms, 1997	150	120	127	61	100	140	43	140
number, 1997	2 940	3 194	3 544	2 255	3 498	3 043	965	5 759
Cattle ..... farms, 1997	385	410	258	252	241	357	114	235
1992	434	501	308	301	285	448	147	254
number, 1997	16 722	51 185	19 388	27 423	11 675	22 792	5 593	15 163
1992	20 049	55 147	15 334	27 184	16 453	28 112	6 787	13 869
Fattened on grain and concentrates ..... farms, 1997	168	222	111	162	121	175	67	58
number, 1997	8 839	34 477	6 206	22 515	8 261	17 623	3 397	3 111
Hogs and pigs inventory ..... farms, 1997	267	221	188	298	136	170	89	50
1992	465	445	361	470	229	351	149	82
number, 1997	137 475	147 088	144 265	322 681	112 765	79 894	90 084	19 047
1992	204 710	256 406	209 843	231 158	130 586	126 661	59 647	27 740
Used or to be used for breeding ..... farms, 1997	204	169	139	193	97	122	55	30
1992	396	332	291	351	167	258	107	67
number, 1997	13 547	20 719	16 096	33 220	13 023	8 634	(D)	(D)
1992	25 700	33 377	25 033	25 993	14 436	17 106	7 824	3 843
Other ..... farms, 1997	258	214	180	290	132	166	85	49
1992	444	433	350	457	222	341	145	79
number, 1997	123 928	126 369	128 169	289 461	99 742	71 260	(D)	(D)
1992	179 010	223 029	184 810	205 165	116 150	109 555	51 823	23 897
Hogs and pigs sold ..... farms, 1997	287	239	196	317	143	181	98	54
1992	484	477	379	495	231	378	159	93
number, 1997	232 766	284 591	257 876	656 908	200 780	134 750	299 687	41 297
1992	362 711	459 108	380 567	421 212	247 595	229 789	117 974	55 906
Feeder pigs ..... farms, 1997	38	25	27	36	18	22	7	9
1992	112	112	76	109	36	66	34	22
number, 1997	25 818	(D)	28 666	154 414	36 791	14 565	28 160	10 300
1992	61 118	109 743	73 595	71 186	31 379	29 763	39 115	10 632

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
TYPE OF ORGANIZATION—Con.								
Corporation:								
Family held ..... farms, 1997	105	24	79	46	97	50	43	37
1992	85	19	55	33	65	34	25	25
acres, 1997	62 264	23 834	53 766	(D)	80 956	42 268	25 125	38 058
1992	52 840	(D)	(D)	21 729	(D)	(D)	(D)	(D)
Other than family held ..... farms, 1997	3	1	4	–	3	1	2	2
1992	5	3	5	1	5	3	–	2
acres, 1997	(D)	(D)	669	–	(D)	(D)	(D)	(D)
1992	(D)	1 999	1 552	(D)	2 073	(D)	–	(D)
Other—cooperative, estate or trust, institutional, etc. ..... farms, 1997	3	4	5	1	4	4	2	1
1992	2	8	6	2	6	3	2	5
acres, 1997	(D)	(D)	1 749	(D)	(D)	(D)	(D)	(D)
1992	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	545	357	411	356	499	319	361	402
Vegetable and melon farming (1112)	–	–	2	–	1	–	–	–
Fruit and tree nut farming (1113)	–	–	–	–	1	–	–	–
Greenhouse, nursery, and floriculture production (1114)	3	4	3	5	4	2	3	–
Other crop farming (1119)	16	25	19	24	16	5	11	9
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	16	25	19	24	16	5	11	9
Beef cattle ranching and farming (112111)	57	116	48	58	21	17	50	59
Cattle feedlots (112112)	76	19	50	15	24	8	56	31
Dairy cattle and milk production (11212)	35	–	11	9	7	2	35	5
Hog and pig farming (1122)	229	29	171	62	68	16	132	43
Poultry and egg production (1123)	4	1	1	–	–	–	10	–
Sheep and goat farming (1124)	5	–	3	1	1	1	1	1
Animal aquaculture and other animal production (1125, 1129)	21	15	15	15	14	3	16	11
LIVESTOCK AND POULTRY								
Cattle and calves inventory ..... farms, 1997	461	408	355	323	238	143	285	227
1992	595	473	405	357	316	176	261	279
number, 1997	77 693	40 954	39 729	28 387	23 546	13 365	44 053	35 426
1992	88 098	40 200	42 466	29 450	27 127	17 434	36 509	39 091
Cows and heifers that had calved ..... farms, 1997	274	378	261	288	194	125	154	173
1992	341	439	292	317	255	149	163	209
number, 1997	13 573	19 773	10 755	12 492	7 827	5 389	5 657	9 213
1992	15 455	20 783	12 055	13 151	8 921	5 670	6 068	9 866
Beef cows ..... farms, 1997	230	377	243	274	188	124	85	170
1992	264	437	262	295	239	147	93	202
number, 1997	9 262	(D)	(D)	11 750	6 972	(D)	2 672	8 996
1992	11 571	(D)	(D)	11 887	(D)	5 578	2 907	9 656
Milk cows ..... farms, 1997	56	2	21	18	8	4	75	6
1992	86	9	35	27	16	3	89	10
number, 1997	4 311	(D)	(D)	742	855	(D)	2 985	217
1992	3 884	(D)	(D)	1 264	(D)	92	3 161	210
Heifers and heifer calves ..... farms, 1997	335	328	263	246	192	107	172	173
number, 1997	31 800	8 763	11 802	6 415	6 052	2 902	10 699	6 648
Steers, steer calves, bulls, and bull calves ..... farms, 1997	377	372	301	294	220	127	236	218
number, 1997	32 320	12 418	17 172	9 480	9 667	5 074	27 697	19 565
Cattle and calves sold ..... farms, 1997	482	411	366	330	242	146	282	234
1992	640	483	410	369	322	181	272	288
number, 1997	74 714	22 044	36 770	18 204	17 717	8 651	44 565	30 517
1992	102 775	23 157	38 439	18 832	21 263	17 596	38 402	36 562
Calves ..... farms, 1997	109	151	113	140	58	50	75	67
number, 1997	4 320	4 442	5 362	4 698	1 659	1 554	6 697	2 861
Cattle ..... farms, 1997	424	338	318	269	209	116	253	203
1992	562	399	358	297	284	149	247	259
number, 1997	70 394	17 602	31 408	13 506	16 058	7 097	37 868	27 656
1992	94 975	17 522	35 363	15 375	19 196	16 140	29 137	34 331
Fattened on grain and concentrates ..... farms, 1997	217	72	166	72	123	44	164	71
number, 1997	50 670	5 789	23 962	4 861	11 937	3 964	30 819	(D)
Hogs and pigs inventory ..... farms, 1997	359	75	255	130	130	47	247	105
1992	490	189	417	251	217	113	354	203
number, 1997	324 121	39 773	247 730	80 266	117 919	17 496	265 051	55 203
1992	231 083	60 114	240 779	117 348	126 472	39 663	178 500	71 094
Used or to be used for breeding ..... farms, 1997	175	51	172	96	85	39	165	73
1992	309	152	320	203	164	82	268	154
number, 1997	25 850	7 986	(D)	(D)	14 022	(D)	27 790	6 584
1992	26 850	7 910	26 469	14 521	15 564	4 900	20 774	9 135
Other ..... farms, 1997	352	74	250	119	126	46	244	100
1992	479	181	409	236	208	111	343	192
number, 1997	298 271	31 787	(D)	(D)	103 897	(D)	237 261	48 619
1992	204 233	52 204	214 310	102 827	110 908	34 763	157 726	61 959
Hogs and pigs sold ..... farms, 1997	377	80	275	132	138	49	269	107
1992	523	205	447	264	230	127	366	222
number, 1997	628 231	86 293	505 779	158 758	220 477	42 409	489 800	97 647
1992	476 244	115 815	427 311	215 371	231 488	86 002	320 443	132 419
Feeder pigs ..... farms, 1997	44	16	34	14	18	6	40	14
1992	116	62	81	61	41	17	82	39
number, 1997	(D)	6 543	49 060	(D)	43 820	(D)	(D)	(D)
1992	123 987	22 613	46 080	40 553	41 963	(D)	50 880	12 625

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
TYPE OF ORGANIZATION—Con.								
Corporation:								
Family held ..... farms, 1997	9	32	57	71	75	28	53	75
1992	11	25	46	56	69	25	53	58
acres, 1997	(D)	(D)	36 695	(D)	(D)	(D)	39 744	39 576
1992	(D)	20 013	35 638	(D)	(D)	(D)	(D)	(D)
Other than family held ..... farms, 1997	4	–	1	9	4	1	3	7
1992	5	3	4	2	3	4	–	1
acres, 1997	(D)	–	(D)	(D)	3 110	(D)	(D)	(D)
1992	2 436	(D)	(D)	(D)	(D)	732	–	(D)
Other—cooperative, estate or trust, institutional, etc. ..... farms, 1997	2	2	8	7	–	4	3	2
1992	–	4	1	5	–	5	6	4
acres, 1997	(D)	(D)	(D)	(D)	–	(D)	(D)	(D)
1992	–	(D)	(D)	(D)	–	(D)	(D)	(D)
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	184	311	367	642	419	422	543	719
Vegetable and melon farming (1112)	–	–	12	–	–	–	1	–
Fruit and tree nut farming (1113)	–	–	–	–	–	–	–	2
Greenhouse, nursery, and floriculture production (1114)	1	1	4	1	1	6	2	–
Other crop farming (1119)	32	13	15	11	9	21	9	24
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	32	13	15	11	9	21	9	24
Beef cattle ranching and farming (112111)	135	34	21	29	19	70	11	75
Cattle feedlots (112112)	14	19	17	33	28	31	19	63
Dairy cattle and milk production (11212)	8	1	9	10	13	1	6	18
Hog and pig farming (1122)	22	30	71	167	87	42	64	264
Poultry and egg production (1123)	2	1	2	7	4	–	5	2
Sheep and goat farming (1124)	2	–	1	5	2	–	1	5
Animal aquaculture and other animal production (1125, 1129)	15	9	8	12	5	17	4	23
LIVESTOCK AND POULTRY								
Cattle and calves inventory ..... farms, 1997	305	225	219	251	167	363	151	535
1992	339	282	264	309	221	450	199	630
number, 1997	34 055	28 042	17 827	33 595	30 679	37 598	18 361	77 537
1992	37 623	28 663	20 209	33 183	26 694	37 355	20 829	90 450
Cows and heifers that had calved ..... farms, 1997	279	198	186	159	77	306	98	400
1992	313	236	226	168	119	384	118	448
number, 1997	16 728	9 789	6 790	6 907	3 855	14 690	3 140	19 349
1992	18 589	10 041	8 376	5 705	3 810	14 613	4 388	19 940
Beef cows ..... farms, 1997	273	195	176	143	57	305	89	370
1992	305	232	207	140	75	378	105	416
number, 1997	(D)	9 548	(D)	6 147	(D)	(D)	(D)	17 150
1992	17 654	9 811	6 890	4 697	2 003	(D)	(D)	17 808
Milk cows ..... farms, 1997	16	4	18	18	23	4	13	31
1992	20	6	27	31	45	8	14	44
number, 1997	(D)	241	(D)	760	(D)	(D)	(D)	2 199
1992	935	230	1 486	1 008	1 807	(D)	(D)	2 132
Heifers and heifer calves ..... farms, 1997	231	168	173	191	103	268	111	427
number, 1997	7 195	7 521	5 011	10 293	8 695	9 061	6 383	22 882
Steers, steer calves, bulls, and bull calves ..... farms, 1997	274	203	196	201	139	331	133	465
number, 1997	10 132	10 732	6 026	16 395	18 129	13 847	8 838	35 306
Cattle and calves sold ..... farms, 1997	308	231	219	260	176	376	157	544
1992	348	287	257	317	240	449	210	653
number, 1997	23 129	22 017	10 739	32 903	33 559	24 416	18 680	68 849
1992	24 244	19 981	11 333	37 476	28 668	26 482	22 397	91 447
Calves ..... farms, 1997	135	83	66	52	34	135	34	150
number, 1997	5 062	2 316	1 957	2 435	1 527	3 891	565	6 381
Cattle ..... farms, 1997	250	193	199	233	156	313	141	461
1992	294	248	211	292	221	396	199	584
number, 1997	18 067	19 701	8 782	30 468	32 032	20 525	18 115	62 468
1992	19 846	17 868	9 407	35 238	26 857	23 303	21 846	86 654
Fattened on grain and concentrates ..... farms, 1997	47	61	115	134	96	95	86	247
number, 1997	2 971	11 193	5 959	19 327	20 842	12 292	15 994	49 228
Hogs and pigs inventory ..... farms, 1997	43	78	134	279	149	120	151	453
1992	111	174	226	476	234	259	299	737
number, 1997	45 118	(D)	68 574	(D)	216 613	60 995	198 976	460 577
1992	34 356	59 225	90 908	265 328	134 289	84 074	141 047	400 139
Used or to be used for breeding ..... farms, 1997	30	58	102	144	73	84	84	245
1992	84	116	174	293	154	176	178	536
number, 1997	6 235	4 717	8 527	(D)	(D)	5 771	14 291	37 814
1992	4 251	6 749	10 812	26 209	12 622	8 660	13 714	46 594
Other ..... farms, 1997	42	77	126	272	146	116	146	437
1992	105	170	217	472	225	255	295	717
number, 1997	38 883	(D)	60 047	(D)	(D)	55 224	184 685	422 763
1992	30 105	52 476	80 096	239 119	121 667	75 414	127 333	353 545
Hogs and pigs sold ..... farms, 1997	45	85	140	297	161	123	163	480
1992	114	199	240	503	255	273	318	784
number, 1997	87 983	(D)	114 923	609 786	408 635	97 730	436 088	826 806
1992	74 570	103 885	180 530	496 480	248 418	145 848	272 305	745 464
Feeder pigs ..... farms, 1997	9	15	16	30	13	10	19	66
1992	25	21	51	88	58	31	58	198
number, 1997	8 839	9 167	(D)	109 541	17 429	4 798	(D)	166 768
1992	22 965	8 941	30 976	56 299	35 132	8 504	57 078	144 576

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
TYPE OF ORGANIZATION—Con.								
Corporation:								
Family held ..... farms, 1997	47	69	147	51	9	51	67	43
1992	38	48	115	28	11	45	73	55
acres, 1997	(D)	48 235	115 988	51 019	(D)	30 208	(D)	23 671
1992	30 609	(D)	68 780	25 941	(D)	(D)	(D)	27 598
Other than family held ..... farms, 1997	1	3	4	–	–	6	–	2
1992	3	3	9	2	–	4	–	1
acres, 1997	(D)	(D)	(D)	–	–	(D)	–	(D)
1992	(D)	(D)	(D)	(D)	–	(D)	–	(D)
Other—cooperative, estate or trust, institutional, etc. ..... farms, 1997	4	1	5	6	3	2	3	1
1992	6	5	3	3	2	2	–	1
acres, 1997	(D)	(D)	(D)	2 529	(D)	(D)	(D)	(D)
1992	(D)	2 373	(D)	(D)	(D)	(D)	–	(D)
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	621	382	784	451	193	492	431	599
Vegetable and melon farming (1112)	–	1	3	1	–	1	2	–
Fruit and tree nut farming (1113)	–	4	1	–	2	–	–	2
Greenhouse, nursery, and floriculture production (1114)	6	25	9	4	1	2	13	4
Other crop farming (1119)	8	8	28	26	33	8	12	9
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	8	8	28	26	33	8	12	9
Beef cattle ranching and farming (112111)	5	14	48	50	126	29	21	41
Cattle feedlots (112112)	12	11	62	24	15	26	22	38
Dairy cattle and milk production (11212)	3	1	1	3	2	5	11	4
Hog and pig farming (1122)	61	10	57	68	27	138	68	101
Poultry and egg production (1123)	2	–	–	–	1	5	1	–
Sheep and goat farming (1124)	–	2	–	2	–	2	1	–
Animal aquaculture and other animal production (1125, 1129)	1	5	14	9	5	14	16	9
LIVESTOCK AND POULTRY								
Cattle and calves inventory ..... farms, 1997	124	133	445	384	316	245	214	378
1992	167	165	570	466	386	277	275	465
number, 1997	11 577	8 886	61 230	38 883	39 433	39 007	19 231	39 375
1992	15 462	12 078	72 753	42 172	47 114	46 539	23 483	42 166
Cows and heifers that had calved ..... farms, 1997	77	110	362	336	304	172	162	312
1992	88	141	459	399	369	206	199	367
number, 1997	(D)	3 922	14 829	15 830	20 038	6 972	5 816	10 879
1992	2 192	4 650	18 476	17 496	25 629	8 026	7 301	12 105
Beef cows ..... farms, 1997	71	107	361	330	301	165	147	305
1992	79	135	449	391	369	195	173	354
number, 1997	(D)	3 676	14 524	(D)	19 802	6 218	(D)	10 555
1992	(D)	(D)	17 955	(D)	(D)	7 200	(D)	(D)
Milk cows ..... farms, 1997	6	3	9	11	8	13	22	8
1992	11	11	15	22	7	16	34	17
number, 1997	443	246	305	(D)	236	754	(D)	324
1992	(D)	(D)	521	(D)	(D)	826	(D)	(D)
Heifers and heifer calves ..... farms, 1997	95	97	340	303	247	188	165	272
number, 1997	(D)	1 767	17 515	11 156	7 726	17 713	6 580	11 729
Steers, steer calves, bulls, and bull calves ..... farms, 1997	94	123	401	352	298	214	191	340
number, 1997	4 871	3 197	28 886	11 897	11 669	14 322	6 835	16 767
Cattle and calves sold ..... farms, 1997	132	134	452	389	322	252	216	386
1992	168	170	575	475	393	284	280	466
number, 1997	10 230	7 128	66 372	21 530	20 792	46 639	13 553	36 390
1992	15 422	9 250	74 124	29 611	25 602	50 529	18 715	37 457
Calves ..... farms, 1997	35	41	109	115	122	50	61	97
number, 1997	(D)	1 209	3 695	3 438	4 530	2 583	2 140	2 283
Cattle ..... farms, 1997	112	111	401	322	259	222	188	335
1992	153	148	519	418	353	248	246	407
number, 1997	(D)	5 919	62 677	18 092	16 262	44 056	11 413	34 107
1992	14 579	7 983	69 383	25 693	22 386	48 879	16 875	34 121
Fattened on grain and concentrates ..... farms, 1997	64	52	196	143	43	116	125	152
number, 1997	(D)	3 999	51 165	8 288	(D)	35 288	9 626	21 569
Hogs and pigs inventory ..... farms, 1997	149	55	179	166	50	237	146	208
1992	251	106	362	301	177	392	270	468
number, 1997	(D)	21 633	87 051	108 984	181 133	350 435	104 603	118 935
1992	116 605	41 274	142 156	126 832	48 155	227 403	138 685	193 742
Used or to be used for breeding ..... farms, 1997	73	38	126	104	31	141	109	131
1992	159	86	258	214	129	270	200	303
number, 1997	(D)	2 306	8 938	(D)	20 090	(D)	13 468	11 484
1992	12 055	4 903	16 926	13 453	5 694	24 176	14 549	21 966
Other ..... farms, 1997	147	51	170	158	49	231	138	204
1992	246	100	346	299	165	377	266	460
number, 1997	(D)	19 327	78 113	(D)	161 043	(D)	91 135	107 451
1992	104 550	36 371	125 230	113 379	42 461	203 227	124 136	171 776
Hogs and pigs sold ..... farms, 1997	160	60	195	176	55	252	156	222
1992	273	112	384	320	191	414	292	492
number, 1997	(D)	43 306	173 794	227 211	(D)	589 122	171 808	262 455
1992	241 168	71 709	278 947	218 149	87 301	460 407	252 145	400 256
Feeder pigs ..... farms, 1997	20	10	33	18	6	25	17	22
1992	48	20	74	53	45	82	34	62
number, 1997	(D)	11 434	(D)	42 322	75 026	(D)	9 178	45 318
1992	(D)	(D)	67 436	(D)	21 363	77 976	22 834	76 102

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
TYPE OF ORGANIZATION—Con.								
Corporation:								
Family held ..... farms, 1997	128	126	45	9	16	40	25	27
1992	83	83	47	15	23	33	22	36
acres, 1997	(D)	92 319	39 457	7 913	11 399	27 934	(D)	23 178
1992	(D)	49 178	(D)	10 054	(D)	26 688	(D)	28 085
Other than family held ..... farms, 1997	14	12	–	–	8	5	1	5
1992	20	5	1	1	4	4	–	3
acres, 1997	2 408	(D)	–	–	(D)	(D)	(D)	(D)
1992	(D)	1 079	(D)	(D)	635	(D)	–	(D)
Other—cooperative, estate or trust, institutional, etc. ..... farms, 1997	8	9	–	3	2	–	–	1
1992	4	11	3	2	4	–	–	3
acres, 1997	(D)	(D)	–	1 540	(D)	–	–	(D)
1992	(D)	4 639	(D)	(D)	(D)	–	–	(D)
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	697	604	631	301	204	240	216	354
Vegetable and melon farming (1112)	–	1	–	–	–	–	–	1
Fruit and tree nut farming (1113)	–	1	–	–	–	–	–	1
Greenhouse, nursery, and floriculture production (1114)	4	8	1	2	3	1	4	2
Other crop farming (1119)	22	6	17	15	21	28	23	26
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	22	6	17	15	21	28	23	26
Beef cattle ranching and farming (112111)	112	11	54	114	116	109	74	123
Cattle feedlots (112112)	139	11	34	10	11	7	9	21
Dairy cattle and milk production (11212)	75	6	18	4	–	17	3	6
Hog and pig farming (1122)	449	74	62	26	31	34	25	35
Poultry and egg production (1123)	21	2	–	2	2	–	–	–
Sheep and goat farming (1124)	18	3	8	2	6	2	–	4
Animal aquaculture and other animal production (1125, 1129)	33	5	12	14	7	4	5	17
LIVESTOCK AND POULTRY								
Cattle and calves inventory ..... farms, 1997	635	163	395	338	297	322	213	375
1992	798	186	487	377	362	324	237	458
number, 1997	173 429	16 272	32 130	34 882	35 323	27 796	16 506	34 083
1992	185 663	16 867	39 546	38 002	38 967	26 900	18 422	38 299
Cows and heifers that had calved ..... farms, 1997	281	114	317	309	276	299	199	349
1992	365	136	390	341	345	306	220	429
number, 1997	24 798	4 666	13 900	16 605	17 141	14 717	8 074	15 860
1992	20 025	4 557	15 516	16 604	19 008	13 697	9 092	18 024
Beef cows ..... farms, 1997	173	107	302	308	276	283	197	342
1992	220	124	365	339	343	288	216	413
number, 1997	10 584	(D)	(D)	16 405	(D)	13 786	7 662	(D)
1992	9 930	3 606	(D)	16 159	18 773	12 972	8 704	16 742
Milk cows ..... farms, 1997	117	7	27	4	4	26	10	19
1992	152	13	38	14	9	33	11	29
number, 1997	14 214	(D)	(D)	200	(D)	931	412	(D)
1992	10 095	951	(D)	445	235	725	388	1 282
Heifers and heifer calves ..... farms, 1997	427	119	296	253	234	268	176	298
number, 1997	71 270	4 169	7 807	6 654	7 140	5 955	3 500	8 755
Steers, steer calves, bulls, and bull calves ..... farms, 1997	474	140	358	319	277	288	200	345
number, 1997	77 361	7 437	10 423	11 623	11 042	7 124	4 932	9 468
Cattle and calves sold ..... farms, 1997	663	163	403	350	302	331	211	376
1992	837	188	480	380	366	326	242	473
number, 1997	243 247	13 766	22 210	19 257	19 263	14 753	10 745	18 973
1992	255 818	13 769	28 875	21 821	24 475	13 619	12 182	22 320
Calves ..... farms, 1997	160	40	117	134	116	159	90	139
number, 1997	14 543	1 268	2 717	4 789	5 757	5 568	2 251	3 776
Cattle ..... farms, 1997	587	145	336	280	243	265	164	321
1992	752	177	412	321	315	255	196	411
number, 1997	228 704	12 498	19 493	14 468	13 506	9 185	8 494	15 197
1992	243 284	12 644	23 155	17 332	20 873	9 284	10 024	17 675
Fattened on grain and concentrates ..... farms, 1997	333	73	158	54	41	44	51	83
number, 1997	183 352	10 211	11 521	2 831	3 003	1 394	2 965	6 117
Hogs and pigs inventory ..... farms, 1997	672	132	152	80	54	73	53	82
1992	942	216	368	173	134	140	121	192
number, 1997	754 715	102 588	102 910	41 026	55 969	43 814	34 793	42 171
1992	597 510	111 485	130 830	64 255	42 611	70 528	53 224	71 753
Used or to be used for breeding ..... farms, 1997	304	84	102	53	31	52	30	62
1992	571	145	252	128	89	111	102	151
number, 1997	55 855	8 009	12 312	(D)	12 490	5 375	2 171	4 469
1992	60 694	13 485	16 087	7 994	4 113	9 509	5 957	9 159
Other ..... farms, 1997	659	130	149	74	53	71	52	80
1992	924	209	356	166	127	132	120	183
number, 1997	698 860	94 579	90 598	(D)	43 479	38 439	32 622	37 702
1992	536 816	98 000	114 743	56 261	38 498	61 019	47 267	62 594
Hogs and pigs sold ..... farms, 1997	712	139	169	84	56	73	59	86
1992	980	231	383	183	142	153	127	203
number, 1997	1 582 262	185 885	203 413	(D)	106 295	89 740	65 287	67 693
1992	1 178 665	205 876	268 589	108 917	88 637	136 528	82 769	122 837
Feeder pigs ..... farms, 1997	54	11	18	10	2	13	3	12
1992	180	39	59	39	27	42	31	43
number, 1997	(D)	(D)	34 113	(D)	(D)	23 983	1 502	(D)
1992	189 808	24 532	77 545	11 363	8 872	66 966	7 964	17 375

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
TYPE OF ORGANIZATION—Con.								
Corporation:								
Family held ..... farms, 1997	124	18	62	51	18	43	33	51
1992	99	13	46	35	18	27	22	46
acres, 1997	72 502	(D)	(D)	(D)	15 607	38 692	(D)	(D)
1992	(D)	11 885	35 846	(D)	11 996	23 059	13 438	34 639
Other than family held ..... farms, 1997	8	–	2	1	1	5	–	4
1992	14	1	4	–	–	2	1	5
acres, 1997	694	–	(D)	(D)	(D)	1 031	–	(D)
1992	(D)	(D)	(D)	–	–	(D)	(D)	(D)
Other—cooperative, estate or trust, institutional, etc. ..... farms, 1997	6	4	–	3	1	3	2	2
1992	1	1	1	–	5	5	2	3
acres, 1997	2 191	(D)	–	(D)	(D)	800	(D)	(D)
1992	(D)	(D)	(D)	–	1 124	(D)	(D)	(D)
1997 FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM								
Oilseed and grain farming (1111)	388	203	695	384	356	611	369	545
Vegetable and melon farming (1112)	–	1	2	–	–	–	3	–
Fruit and tree nut farming (1113)	–	–	1	–	–	–	–	–
Greenhouse, nursery, and floriculture production (1114)	1	–	3	4	5	10	1	1
Other crop farming (1119)	20	36	3	7	39	9	6	3
Tobacco farming (11191)	–	–	–	–	–	–	–	–
Cotton farming (11192)	–	–	–	–	–	–	–	–
Sugarcane farming, hay farming, and all other crop farming (11193, 11194, 11199)	20	36	3	7	39	9	6	3
Beef cattle ranching and farming (112111)	34	160	15	11	109	98	12	4
Cattle feedlots (112112)	19	18	8	9	73	53	14	8
Dairy cattle and milk production (11212)	28	8	3	11	239	2	4	2
Hog and pig farming (1122)	282	17	71	38	137	105	55	45
Poultry and egg production (1123)	22	–	1	–	3	1	5	2
Sheep and goat farming (1124)	2	1	2	1	6	4	2	1
Animal aquaculture and other animal production (1125, 1129)	10	8	1	3	38	5	1	1
LIVESTOCK AND POULTRY								
Cattle and calves inventory ..... farms, 1997	325	341	155	95	720	401	148	82
1992	367	366	163	97	896	408	165	109
number, 1997	24 190	39 038	11 989	5 714	78 713	60 376	9 433	4 832
1992	29 044	34 603	10 268	4 639	92 134	64 101	10 967	8 229
Cows and heifers that had calved ..... farms, 1997	276	314	125	65	617	322	110	55
1992	311	345	126	66	746	316	133	64
number, 1997	10 020	19 528	3 702	1 533	32 249	17 345	2 898	(D)
1992	11 077	17 957	3 633	1 933	37 633	14 427	3 184	1 686
Beef cows ..... farms, 1997	235	306	121	51	348	318	101	53
1992	270	342	122	46	376	313	126	59
number, 1997	8 752	19 068	(D)	(D)	(D)	(D)	2 431	1 374
1992	9 944	(D)	3 226	(D)	14 844	14 187	(D)	1 570
Milk cows ..... farms, 1997	47	11	4	19	330	4	12	3
1992	49	12	5	27	458	9	11	5
number, 1997	1 268	460	(D)	(D)	(D)	(D)	467	(D)
1992	1 133	(D)	407	(D)	22 789	240	(D)	116
Heifers and heifer calves ..... farms, 1997	239	277	123	67	603	314	110	45
number, 1997	5 380	9 358	5 095	1 983	22 897	18 005	2 548	(D)
Steers, steer calves, bulls, and bull calves ..... farms, 1997	299	306	133	81	620	358	124	68
number, 1997	8 790	10 152	3 192	2 198	23 567	25 026	3 987	2 429
Cattle and calves sold ..... farms, 1997	329	345	151	91	732	413	149	83
1992	365	372	165	99	901	418	163	115
number, 1997	16 064	20 700	8 861	4 281	35 292	57 777	6 604	7 020
1992	18 849	20 326	6 477	3 503	47 556	79 149	9 849	9 076
Calves ..... farms, 1997	115	135	49	26	263	97	28	23
number, 1997	2 930	5 354	1 979	(D)	7 928	4 321	912	513
Cattle ..... farms, 1997	270	287	125	85	639	359	135	72
1992	315	315	146	89	793	375	149	105
number, 1997	13 134	15 346	6 882	(D)	27 364	53 456	5 692	6 507
1992	16 157	15 246	6 012	2 840	36 391	76 088	8 957	8 365
Fattened on grain and concentrates ..... farms, 1997	144	49	51	48	281	142	92	45
number, 1997	8 613	2 501	4 849	1 593	14 580	37 037	3 133	5 789
Hogs and pigs inventory ..... farms, 1997	374	41	119	111	286	180	99	91
1992	534	127	216	181	552	330	182	167
number, 1997	436 139	20 633	149 705	43 767	125 154	103 555	46 213	358 559
1992	342 986	37 856	116 349	78 930	181 408	144 884	71 546	80 043
Used or to be used for breeding ..... farms, 1997	266	22	67	78	181	130	72	51
1992	441	90	130	138	377	248	131	107
number, 1997	(D)	1 651	(D)	6 315	12 881	11 504	(D)	(D)
1992	47 235	4 600	11 944	9 320	21 201	17 728	8 705	9 462
Other ..... farms, 1997	368	40	118	102	275	176	97	89
1992	515	121	211	173	535	323	177	162
number, 1997	(D)	18 982	(D)	37 452	112 273	92 051	(D)	(D)
1992	295 751	33 256	104 405	69 610	160 207	127 156	62 841	70 581
Hogs and pigs sold ..... farms, 1997	384	44	134	123	306	195	106	98
1992	551	139	240	190	597	344	194	182
number, 1997	858 867	34 462	267 553	100 046	240 502	201 686	83 609	487 029
1992	707 558	76 730	236 378	132 007	348 821	255 362	127 094	158 581
Feeder pigs ..... farms, 1997	69	5	14	21	40	36	11	10
1992	153	30	49	49	110	83	32	35
number, 1997	212 748	2 857	64 904	(D)	(D)	(D)	10 950	(D)
1992	201 759	19 143	(D)	26 265	50 798	54 628	11 938	(D)

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item		Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
LIVESTOCK AND POULTRY—Con.								
Sheep and lambs inventory	farms, 1997	2 838	39	9	16	24	19	47
	1992	4 573	53	19	33	24	31	79
	number, 1997	220 520	1 394	487	464	1 476	916	2 280
	1992	332 212	2 439	924	1 014	1 304	1 940	3 396
Sheep and lambs sold	farms, 1997	2 937	39	12	17	24	21	44
	1992	4 768	53	20	37	26	34	74
	number, 1997	280 163	1 391	594	428	1 193	1 197	1 971
	1992	527 476	3 084	892	1 250	1 157	1 775	2 775
Layers 20 weeks old and older inventory	farms, 1997	1 059	11	7	4	11	8	13
	1992	1 638	20	19	15	6	9	23
	number, 1997	21 485 530	(D)	1 968	68	206	(D)	(D)
	1992	11 130 776	746	1 325	2 430	119	(D)	383 647
Broilers and other meat-type chickens sold	farms, 1997	325	9	3	4	–	4	11
	1992	440	6	3	5	–	1	6
	number, 1997	6 804 178	2 085	610 000	(D)	–	(D)	6 693
	1992	9 150 430	2 120	1 107 000	(D)	–	(D)	1 543
SELECTED CROPS HARVESTED								
Corn for grain or seed	farms, 1997	58 151	509	311	540	276	445	824
	1992	67 125	603	403	645	319	535	953
	acres, 1997	11 541 650	93 181	53 737	63 099	26 685	102 825	166 248
	1992	12 409 950	101 473	59 683	69 302	29 466	109 570	177 038
	bushels, 1997	1 531 965 764	10 760 281	6 206 200	8 218 919	3 232 918	12 766 776	23 376 494
	1992	1 743 398 211	13 360 675	7 660 665	8 509 772	3 322 016	15 465 503	24 240 589
Corn for silage or green chop	farms, 1997	8 237	93	36	270	27	47	83
	1992	9 384	63	43	315	37	38	108
	acres, 1997	239 445	2 686	1 301	6 770	(D)	1 356	1 959
	1992	258 408	1 577	(D)	7 209	793	(D)	(D)
	tons, green, 1997	3 963 117	38 974	16 118	114 293	(D)	19 077	32 247
	1992	4 065 550	22 203	(D)	111 825	8 620	(D)	(D)
Wheat for grain	farms, 1997	666	1	4	4	7	1	3
	1992	906	7	4	5	8	1	5
	acres, 1997	21 289	(D)	(D)	36	174	(D)	(D)
	1992	29 329	157	(D)	80	(D)	(D)	108
	bushels, 1997	882 060	(D)	(D)	1 959	7 270	(D)	(D)
	1992	1 158 460	3 498	(D)	2 984	(D)	(D)	5 177
Oats for grain	farms, 1997	10 234	118	61	280	30	72	190
	1992	16 995	213	93	455	45	167	304
	acres, 1997	205 974	2 870	(D)	7 341	565	1 386	3 548
	1992	358 543	5 085	2 159	11 295	(D)	3 507	6 074
	bushels, 1997	13 982 570	162 294	(D)	453 905	33 354	92 374	271 634
	1992	22 788 605	295 915	109 508	605 993	(D)	263 759	378 350
Soybeans for beans	farms, 1997	53 487	501	307	201	277	443	781
	1992	56 657	541	359	111	276	498	887
	acres, 1997	9 895 952	87 687	53 361	16 594	29 536	101 366	155 212
	1992	8 182 711	64 435	41 663	(D)	23 839	73 360	134 132
	bushels, 1997	443 766 784	3 411 820	2 197 435	739 708	1 212 292	4 454 774	7 646 961
	1992	350 513 154	2 620 346	1 644 529	(D)	879 032	3 226 427	5 796 283
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1997	30 341	428	244	514	346	275	434
	1992	37 408	518	348	658	375	314	509
	acres, 1997	1 438 060	28 406	16 326	44 388	35 547	11 127	15 472
	1992	1 628 082	31 054	19 857	52 369	35 101	11 648	18 073
	tons, dry, 1997	4 100 924	72 622	40 215	136 799	81 977	28 725	47 591
	1992	4 839 671	97 713	49 584	166 823	81 183	36 919	56 492

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
LIVESTOCK AND POULTRY—Con.							
Sheep and lambs inventory ..... farms, 1997	25	30	27	43	32	52	34
1992	45	56	48	54	49	79	63
number, 1997	2 979	1 050	1 322	978	3 032	2 875	1 365
1992	2 979	2 267	1 801	1 924	3 040	3 043	4 546
Sheep and lambs sold ..... farms, 1997	28	29	26	35	35	59	32
1992	44	62	48	57	52	86	63
number, 1997	3 045	890	947	950	5 252	3 836	1 462
1992	3 197	2 348	2 957	2 136	3 465	5 035	4 421
Layers 20 weeks old and older inventory ..... farms, 1997	7	8	12	31	7	19	4
1992	14	18	15	45	6	28	7
number, 1997	(D)	(D)	(D)	(D)	(D)	(D)	156
1992	10 242	216 890	(D)	99 699	(D)	(D)	(D)
Broilers and other meat-type chickens sold ..... farms, 1997	2	3	7	11	6	9	1
1992	14	3	7	11	5	10	–
number, 1997	(D)	775	(D)	114 991	(D)	10 123	(D)
1992	8 120	(D)	1 985	(D)	1 457	(D)	–
SELECTED CROPS HARVESTED							
Corn for grain or seed ..... farms, 1997	679	592	658	805	703	734	629
1992	769	668	751	906	791	835	735
acres, 1997	131 353	140 143	105 261	155 925	158 163	138 792	149 475
1992	150 327	143 500	116 124	174 961	153 689	149 717	152 742
bushels, 1997	17 514 998	20 051 282	14 743 893	20 595 031	22 251 258	18 384 971	19 706 551
1992	22 306 971	22 035 613	17 209 988	25 145 706	22 492 006	21 860 140	24 265 226
Corn for silage or green chop ..... farms, 1997	63	26	111	141	66	81	38
1992	82	34	169	150	64	101	48
acres, 1997	1 727	(D)	2 338	(D)	2 887	(D)	(D)
1992	(D)	(D)	3 451	(D)	2 865	(D)	2 071
tons, green, 1997	29 935	(D)	42 516	(D)	60 043	(D)	(D)
1992	(D)	(D)	58 389	(D)	54 321	(D)	33 107
Wheat for grain ..... farms, 1997	–	2	2	8	–	4	1
1992	4	9	2	2	–	3	2
acres, 1997	–	(D)	(D)	(D)	–	272	(D)
1992	100	264	(D)	(D)	–	110	(D)
bushels, 1997	–	(D)	(D)	(D)	–	6 825	(D)
1992	5 195	11 416	(D)	(D)	–	4 100	(D)
Oats for grain ..... farms, 1997	65	57	119	224	88	133	63
1992	148	86	219	278	135	245	106
acres, 1997	1 201	(D)	1 841	3 623	(D)	2 388	(D)
1992	2 850	1 813	4 055	4 627	(D)	4 484	(D)
bushels, 1997	85 806	(D)	127 379	250 528	(D)	168 242	(D)
1992	189 436	118 790	282 097	310 886	(D)	309 749	(D)
Soybeans for beans ..... farms, 1997	661	584	605	748	701	720	637
1992	684	637	632	735	773	738	720
acres, 1997	110 862	136 458	81 030	112 144	150 198	120 018	152 659
1992	93 568	125 861	58 401	78 968	133 482	88 312	144 629
bushels, 1997	5 218 953	5 982 188	3 840 948	5 277 908	7 083 476	5 284 417	6 695 360
1992	4 204 185	5 592 843	2 668 049	3 467 902	6 046 736	3 961 878	6 422 682
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997	229	202	315	403	190	297	144
1992	296	245	404	468	225	381	196
acres, 1997	6 717	4 465	10 237	10 570	3 701	7 447	2 723
1992	7 716	5 832	13 136	13 885	4 854	10 194	4 032
tons, dry, 1997	20 531	12 432	30 066	29 171	11 639	18 817	6 226
1992	18 642	16 009	38 972	37 475	15 292	27 487	11 678

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
LIVESTOCK AND POULTRY—Con.							
Sheep and lambs inventory ..... farms, 1997	31	24	44	25	25	20	29
1992	38	59	94	34	36	31	35
number, 1997	2 391	1 598	2 037	967	1 323	1 576	1 911
1992	1 321	3 444	4 318	869	3 997	2 519	1 266
Sheep and lambs sold ..... farms, 1997	32	24	44	25	28	21	30
1992	43	63	95	32	36	35	35
number, 1997	3 124	1 555	1 860	849	1 826	2 366	1 922
1992	1 688	3 287	6 961	881	5 088	5 421	1 414
Layers 20 weeks old and older inventory ..... farms, 1997	11	7	5	6	4	13	5
1992	17	11	18	13	16	22	19
number, 1997	(D)	(D)	147	35 572	(D)	442	250
1992	2 304	(D)	1 451	60 155	1 322	43 731	1 247
Broilers and other meat-type chickens sold ..... farms, 1997	3	2	2	–	3	4	1
1992	6	5	5	4	4	5	–
number, 1997	(D)	(D)	(D)	–	(D)	(D)	(D)
1992	(D)	(D)	(D)	550	(D)	950	–
SELECTED CROPS HARVESTED							
Corn for grain or seed ..... farms, 1997	856	535	653	530	681	642	271
1992	952	678	796	640	797	701	327
acres, 1997	151 192	114 186	139 517	137 109	129 048	113 551	25 073
1992	159 337	131 728	168 683	160 691	140 149	127 055	34 511
bushels, 1997	19 612 357	13 247 000	18 961 667	19 268 029	17 336 776	15 503 344	2 759 601
1992	23 357 850	18 413 019	23 900 688	22 024 573	20 237 655	17 064 293	3 947 671
Corn for silage or green chop ..... farms, 1997	76	80	79	43	120	175	51
1992	98	73	91	41	151	184	42
acres, 1997	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1992	4 280	(D)	1 879	(D)	4 753	4 637	1 314
tons, green, 1997	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1992	70 737	(D)	28 555	(D)	79 106	77 144	18 110
Wheat for grain ..... farms, 1997	3	3	13	1	4	3	5
1992	2	4	9	1	2	7	3
acres, 1997	114	(D)	327	(D)	59	57	(D)
1992	(D)	(D)	(D)	(D)	(D)	214	25
bushels, 1997	5 160	(D)	15 297	(D)	1 934	1 725	(D)
1992	(D)	(D)	(D)	(D)	(D)	8 495	(D)
Oats for grain ..... farms, 1997	148	77	137	72	78	144	66
1992	281	146	228	120	134	246	99
acres, 1997	(D)	1 572	2 078	1 275	(D)	2 404	1 631
1992	4 912	2 705	3 783	2 418	2 194	4 841	2 850
bushels, 1997	(D)	86 616	157 600	93 803	(D)	158 695	84 457
1992	407 110	156 904	246 156	169 093	191 510	299 546	111 914
Soybeans for beans ..... farms, 1997	836	528	615	532	675	592	249
1992	905	627	721	588	767	584	278
acres, 1997	138 309	102 916	109 797	119 845	123 920	91 950	26 324
1992	122 460	89 497	83 508	97 148	107 906	65 410	22 339
bushels, 1997	6 220 639	4 021 459	5 551 784	5 170 628	5 946 829	4 104 342	1 085 767
1992	5 491 656	3 693 744	3 669 717	3 991 071	4 904 675	2 678 777	783 803
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997	364	380	333	132	302	341	308
1992	467	467	438	173	358	395	349
acres, 1997	9 722	17 807	11 632	3 053	8 403	11 997	24 120
1992	13 609	21 083	12 962	4 380	9 928	13 571	28 171
tons, dry, 1997	29 116	42 296	40 949	7 245	21 210	34 310	60 386
1992	47 858	62 355	42 837	10 815	32 041	37 477	71 422

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
LIVESTOCK AND POULTRY—Con.							
Sheep and lambs inventory ..... farms, 1997	28	38	37	25	24	41	17
1992	53	50	59	43	32	78	23
number, 1997	3 508	1 286	1 563	2 353	685	6 237	555
1992	5 701	2 250	3 297	3 682	1 384	8 339	1 522
Sheep and lambs sold ..... farms, 1997	30	37	37	24	24	45	19
1992	55	53	56	46	32	79	25
number, 1997	4 153	1 291	1 355	3 195	568	6 233	(D)
1992	6 526	2 059	3 000	3 790	1 254	8 191	1 281
Layers 20 weeks old and older inventory ..... farms, 1997	5	24	13	15	15	27	4
1992	8	24	25	24	12	36	18
number, 1997	(D)	449 160	732	(D)	212 970	(D)	89
1992	159 227	(D)	2 017	(D)	138 029	53 799	443
Broilers and other meat-type chickens sold ..... farms, 1997	5	3	3	3	3	1	3
1992	8	1	8	5	6	1	3
number, 1997	(D)	650	(D)	(D)	(D)	(D)	250
1992	(D)	(D)	1 070	(D)	(D)	(D)	740
SELECTED CROPS HARVESTED							
Corn for grain or seed ..... farms, 1997	494	991	861	750	516	322	221
1992	620	1 129	1 002	886	570	397	260
acres, 1997	118 200	157 031	170 522	160 068	125 679	33 151	24 347
1992	134 250	161 436	181 343	162 220	132 114	41 635	27 418
bushels, 1997	15 687 191	20 801 693	23 333 750	19 598 010	16 822 696	3 926 977	2 747 183
1992	18 882 433	20 797 862	24 358 416	22 395 670	19 178 182	5 193 689	3 327 898
Corn for silage or green chop ..... farms, 1997	56	333	123	88	34	61	34
1992	54	397	168	73	34	62	43
acres, 1997	1 896	7 257	(D)	2 270	819	1 073	1 181
1992	(D)	8 695	(D)	2 308	1 177	1 516	(D)
tons, green, 1997	31 517	118 602	(D)	36 434	13 641	17 699	15 132
1992	(D)	118 589	(D)	27 371	15 216	22 003	(D)
Wheat for grain ..... farms, 1997	1	7	7	4	4	16	6
1992	1	10	11	5	6	31	1
acres, 1997	(D)	272	(D)	87	(D)	(D)	218
1992	(D)	(D)	231	(D)	(D)	(D)	(D)
bushels, 1997	(D)	12 890	(D)	3 000	(D)	(D)	7 134
1992	(D)	(D)	8 740	(D)	(D)	(D)	(D)
Oats for grain ..... farms, 1997	37	448	199	119	36	93	27
1992	45	633	315	304	53	96	16
acres, 1997	(D)	10 220	3 471	2 172	865	1 556	693
1992	(D)	14 240	5 150	7 137	1 183	1 612	396
bushels, 1997	(D)	651 190	236 350	152 848	63 871	83 062	37 518
1992	(D)	866 205	303 120	525 919	75 990	73 612	23 188
Soybeans for beans ..... farms, 1997	508	395	721	717	526	313	222
1992	597	200	775	806	536	279	216
acres, 1997	120 058	44 513	99 097	144 593	125 405	37 865	28 211
1992	120 779	17 245	76 161	101 377	105 408	26 496	21 309
bushels, 1997	5 396 752	2 100 539	4 954 724	6 384 549	5 259 783	1 683 360	1 235 187
1992	5 214 746	752 640	3 451 694	4 328 963	4 516 286	1 076 817	720 660
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997	156	835	421	455	216	390	286
1992	222	1 011	582	607	249	437	312
acres, 1997	4 847	59 200	16 023	16 365	7 440	32 748	30 616
1992	4 636	66 722	18 219	21 089	8 128	34 355	31 222
tons, dry, 1997	9 570	186 800	49 959	47 515	22 227	78 686	70 797
1992	13 930	223 233	60 097	68 885	23 829	86 855	72 340

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
LIVESTOCK AND POULTRY—Con.								
Sheep and lambs inventory ..... farms, 1997	21	21	22	19	10	42	16	26
1992	52	40	33	27	20	68	32	50
number, 1997	586	369	934	582	631	4 016	708	2 292
1992	1 376	2 295	7 045	794	1 105	3 447	1 597	3 621
Sheep and lambs sold ..... farms, 1997	25	19	23	20	11	41	17	28
1992	52	39	35	29	20	68	36	46
number, 1997	450	506	1 334	476	774	4 715	510	2 838
1992	1 177	1 553	6 952	824	1 240	6 314	2 091	3 624
Layers 20 weeks old and older inventory ..... farms, 1997	15	3	2	15	3	13	4	8
1992	23	8	6	17	9	30	10	12
number, 1997	(D)	138	(D)	1 097	(D)	(D)	(D)	(D)
1992	4 640	206	(D)	3 300	(D)	(D)	692	389 488
Broilers and other meat-type chickens sold ..... farms, 1997	4	–	1	5	2	1	7	3
1992	6	–	2	8	5	5	4	4
number, 1997	265	–	(D)	687	(D)	(D)	(D)	(D)
1992	(D)	–	(D)	605	(D)	1 910	(D)	(D)
SELECTED CROPS HARVESTED								
Corn for grain or seed ..... farms, 1997	973	377	345	1 036	379	913	600	670
1992	1 060	434	399	1 184	444	1 068	646	742
acres, 1997	157 527	67 741	78 180	115 105	96 222	169 963	133 620	157 519
1992	175 133	71 659	82 109	123 058	98 343	180 279	133 711	172 191
bushels, 1997	21 671 280	9 263 333	9 684 473	15 347 938	13 398 717	23 224 824	18 167 436	20 506 831
1992	23 714 956	10 123 763	10 635 426	15 791 382	13 913 549	24 830 173	18 359 555	26 010 359
Corn for silage or green chop ..... farms, 1997	332	48	46	386	49	266	73	58
1992	401	50	59	458	34	319	79	58
acres, 1997	(D)	(D)	(D)	9 735	(D)	7 821	(D)	1 535
1992	9 263	(D)	2 575	11 222	(D)	7 999	(D)	(D)
tons, green, 1997	(D)	(D)	(D)	161 421	(D)	142 063	(D)	23 490
1992	138 436	(D)	40 950	166 757	(D)	133 674	(D)	(D)
Wheat for grain ..... farms, 1997	6	31	–	8	1	4	3	3
1992	5	32	5	16	–	4	–	3
acres, 1997	118	574	–	89	(D)	93	85	(D)
1992	157	982	(D)	298	–	34	–	(D)
bushels, 1997	6 660	30 653	–	2 590	(D)	2 990	6 000	7 065
1992	7 235	45 820	(D)	12 138	–	980	–	(D)
Oats for grain ..... farms, 1997	293	28	22	479	26	298	75	62
1992	495	46	50	718	39	468	143	112
acres, 1997	6 219	376	(D)	10 590	(D)	6 332	1 665	1 027
1992	10 857	874	(D)	16 521	(D)	10 117	2 520	2 348
bushels, 1997	408 163	29 862	(D)	681 425	(D)	416 694	112 763	70 478
1992	662 262	38 579	(D)	906 577	(D)	645 031	175 104	186 321
Soybeans for beans ..... farms, 1997	616	376	351	266	374	730	575	643
1992	451	418	392	128	424	688	612	715
acres, 1997	59 599	64 542	79 944	19 847	88 809	106 241	115 579	136 416
1992	28 572	57 567	72 938	(D)	85 343	71 607	91 959	115 449
bushels, 1997	3 024 850	3 128 337	3 180 987	975 958	3 750 865	4 920 438	5 000 335	5 532 156
1992	1 256 458	2 549 659	2 908 800	(D)	3 581 560	2 996 612	3 824 498	4 983 457
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997	637	166	103	922	81	552	228	160
1992	792	232	161	1 094	127	677	264	233
acres, 1997	32 510	5 624	6 159	66 046	1 964	29 383	6 119	4 353
1992	40 034	7 610	6 353	71 356	3 089	33 207	6 063	6 731
tons, dry, 1997	102 778	17 148	15 240	218 172	4 691	95 057	13 984	10 187
1992	125 891	22 598	19 916	253 651	8 428	108 427	16 157	18 696

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item		Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
LIVESTOCK AND POULTRY—Con.									
Sheep and lambs inventory	farms, 1997	7	20	29	23	30	18	26	3
	1992	12	35	52	40	33	36	47	11
	number, 1997	639	793	2 293	648	1 106	1 853	744	373
	1992	(D)	2 070	4 976	1 614	893	2 874	1 995	582
Sheep and lambs sold	farms, 1997	9	23	30	24	30	20	26	4
	1992	15	39	53	38	39	37	46	14
	number, 1997	2 121	888	2 073	999	996	1 811	1 143	276
	1992	(D)	2 851	6 184	1 580	1 233	2 260	3 177	597
Layers 20 weeks old and older inventory	farms, 1997	3	6	11	8	9	8	10	4
	1992	9	8	17	8	12	15	17	15
	number, 1997	(D)	818	163 821	(D)	12 274	(D)	(D)	332
	1992	(D)	(D)	28 115	(D)	8 784	(D)	1 241 492	690
Broilers and other meat-type chickens sold	farms, 1997	–	1	5	1	1	–	4	4
	1992	2	1	6	4	3	6	5	3
	number, 1997	–	(D)	(D)	(D)	(D)	–	(D)	(D)
	1992	(D)	(D)	(D)	1 781	(D)	570	(D)	(D)
SELECTED CROPS HARVESTED									
Corn for grain or seed	farms, 1997	390	589	590	478	610	675	625	594
	1992	447	672	678	609	700	775	752	664
	acres, 1997	110 386	147 576	150 270	92 823	165 136	163 852	158 486	148 911
	1992	115 609	154 762	157 145	107 705	157 306	169 440	165 325	159 378
	bushels, 1997	14 429 171	20 038 192	20 650 703	10 820 405	23 029 703	22 746 412	20 200 260	18 959 943
	1992	17 094 536	25 020 919	24 225 277	15 055 318	24 742 041	24 352 964	26 086 743	23 581 289
Corn for silage or green chop	farms, 1997	11	31	34	44	9	59	38	46
	1992	13	27	37	40	12	58	62	52
	acres, 1997	491	1 096	831	913	(D)	1 206	1 177	1 291
	1992	274	1 052	1 065	883	526	1 209	1 266	(D)
	tons, green, 1997	9 290	18 117	14 364	11 858	(D)	21 463	18 108	19 119
	1992	5 185	20 698	19 193	11 817	9 770	21 879	25 169	(D)
Wheat for grain	farms, 1997	12	2	4	2	–	–	–	11
	1992	18	4	3	4	1	2	–	18
	acres, 1997	(D)	(D)	144	(D)	–	–	–	(D)
	1992	1 304	63	(D)	185	(D)	(D)	–	(D)
	bushels, 1997	(D)	(D)	6 907	(D)	–	–	–	(D)
	1992	41 717	3 294	(D)	4 350	(D)	(D)	–	(D)
Oats for grain	farms, 1997	7	47	54	87	41	59	36	30
	1992	12	84	134	164	58	130	84	78
	acres, 1997	97	652	(D)	1 784	791	818	627	(D)
	1992	349	1 336	2 170	3 288	947	(D)	1 474	1 834
	bushels, 1997	6 224	48 736	(D)	116 128	60 860	58 785	47 859	(D)
	1992	22 706	99 718	162 556	187 461	71 347	(D)	105 148	119 841
Soybeans for beans	farms, 1997	408	587	591	468	603	656	607	588
	1992	439	674	662	546	674	720	687	627
	acres, 1997	115 767	145 596	133 790	85 514	149 021	135 802	135 213	142 262
	1992	106 807	145 522	116 300	77 122	131 192	113 432	107 611	120 548
	bushels, 1997	4 894 395	6 510 901	6 586 854	3 390 066	6 560 788	5 639 097	5 973 227	6 016 224
	1992	4 500 735	6 723 326	5 489 268	3 179 218	6 039 883	4 574 383	4 909 322	5 265 376
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1997	187	175	179	316	125	163	168	281
	1992	177	219	248	415	138	213	253	330
	acres, 1997	5 630	4 940	4 010	14 065	2 611	3 334	4 070	9 378
	1992	5 358	5 348	5 604	18 850	2 021	4 985	4 994	10 666
	tons, dry, 1997	15 742	13 635	11 939	33 581	6 341	8 857	11 236	27 910
	1992	16 339	15 575	16 728	50 969	5 166	14 745	14 680	31 595

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
LIVESTOCK AND POULTRY—Con.								
Sheep and lambs inventory ..... farms, 1997	30	16	17	16	26	30	45	29
1992	46	20	38	42	43	41	82	48
number, 1997	1 618	878	3 770	1 664	1 561	1 928	2 450	9 333
1992	2 405	1 027	1 406	2 211	3 113	1 878	3 618	5 925
Sheep and lambs sold ..... farms, 1997	32	15	17	16	27	29	49	28
1992	53	25	42	40	51	42	83	52
number, 1997	1 141	892	3 603	2 165	1 808	1 867	1 788	11 436
1992	2 250	1 758	1 438	2 373	4 473	1 702	3 458	5 956
Layers 20 weeks old and older inventory ..... farms, 1997	5	25	8	7	6	13	13	7
1992	6	18	14	16	8	28	26	14
number, 1997	154	1 142	132 275	1 115	646	(D)	(D)	564
1992	(D)	4 003	69 901	729	520	6 823	14 920	1 695
Broilers and other meat-type chickens sold ..... farms, 1997	1	2	4	2	2	4	4	–
1992	3	4	9	7	6	6	7	–
number, 1997	(D)	(D)	(D)	(D)	(D)	(D)	981	–
1992	365	(D)	8 684	(D)	3 659	6 071	2 745	–
SELECTED CROPS HARVESTED								
Corn for grain or seed ..... farms, 1997	453	580	499	479	575	705	777	368
1992	492	630	569	577	665	797	893	420
acres, 1997	84 902	105 191	120 096	104 329	111 879	89 997	157 004	61 330
1992	87 490	109 401	132 549	119 366	125 194	95 905	170 843	68 302
bushels, 1997	11 250 461	14 249 632	17 066 781	13 705 368	14 694 751	11 450 109	21 538 503	8 022 714
1992	12 283 499	12 759 068	21 003 044	16 990 655	15 304 469	10 901 684	24 413 853	9 157 201
Corn for silage or green chop ..... farms, 1997	32	165	30	71	92	176	59	29
1992	43	157	36	56	108	230	77	47
acres, 1997	(D)	4 216	(D)	(D)	2 739	4 871	(D)	(D)
1992	(D)	4 093	1 202	2 228	3 330	5 650	2 344	1 771
tons, green, 1997	(D)	68 763	(D)	(D)	44 028	73 735	(D)	(D)
1992	(D)	55 793	23 068	29 356	43 049	73 861	40 860	23 810
Wheat for grain ..... farms, 1997	14	4	–	–	7	12	1	22
1992	19	3	1	7	7	21	7	43
acres, 1997	599	(D)	–	–	427	387	(D)	755
1992	(D)	(D)	(D)	100	97	861	199	1 703
bushels, 1997	31 766	(D)	–	–	22 465	14 020	(D)	36 646
1992	(D)	(D)	(D)	5 030	3 511	29 691	5 900	49 273
Oats for grain ..... farms, 1997	50	153	33	64	157	345	155	80
1992	68	237	67	174	244	458	298	95
acres, 1997	836	2 946	440	1 175	3 493	7 989	3 622	1 599
1992	1 140	5 074	1 181	3 468	6 008	10 704	6 906	2 236
bushels, 1997	62 871	206 864	34 905	86 328	255 487	521 596	240 331	95 450
1992	65 941	311 628	91 067	287 931	332 658	561 213	440 469	101 979
Soybeans for beans ..... farms, 1997	440	541	493	458	548	252	753	372
1992	442	508	559	548	538	188	801	401
acres, 1997	70 122	92 725	117 455	91 447	76 528	18 267	138 230	61 553
1992	57 335	66 159	112 011	80 103	49 694	8 833	103 417	52 193
bushels, 1997	3 349 838	3 996 362	5 294 384	4 127 467	3 772 592	890 133	6 724 961	2 745 127
1992	2 563 062	2 204 892	5 092 338	3 472 221	1 954 604	360 205	4 622 650	2 205 243
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997	231	304	89	229	374	648	477	253
1992	270	352	125	333	486	758	625	306
acres, 1997	8 554	12 516	1 839	7 993	19 500	46 584	19 752	11 529
1992	8 464	14 012	2 945	10 224	23 582	47 802	24 441	15 895
tons, dry, 1997	23 116	34 670	4 717	23 910	61 741	154 419	66 380	30 416
1992	23 518	41 387	8 169	36 661	67 854	152 045	72 773	41 326

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
LIVESTOCK AND POULTRY—Con.								
Sheep and lambs inventory ..... farms, 1997	69	39	36	49	32	48	14	20
1992	106	50	65	74	48	71	22	27
number, 1997	4 712	2 405	2 402	3 408	2 492	2 020	605	3 011
1992	6 435	1 414	6 485	4 043	2 877	3 195	831	3 403
Sheep and lambs sold ..... farms, 1997	75	40	38	53	31	52	15	21
1992	116	51	70	77	53	74	25	30
number, 1997	5 785	2 109	3 484	4 165	1 709	1 707	471	4 157
1992	7 012	1 587	9 677	5 631	3 376	3 355	771	3 669
Layers 20 weeks old and older inventory ..... farms, 1997	43	8	8	15	7	12	2	12
1992	82	19	12	23	10	19	3	5
number, 1997	63 541	189	(D)	(D)	1 144	527	(D)	232
1992	463 410	1 299	(D)	77 944	1 082	2 220	(D)	(D)
Broilers and other meat-type chickens sold ..... farms, 1997	10	2	3	8	–	6	2	2
1992	9	1	3	12	1	9	–	1
number, 1997	(D)	(D)	(D)	(D)	–	907	(D)	(D)
1992	17 368	(D)	(D)	2 331	(D)	2 761	–	(D)
SELECTED CROPS HARVESTED								
Corn for grain or seed ..... farms, 1997	707	675	536	1 175	437	786	362	236
1992	781	771	615	1 395	518	874	389	246
acres, 1997	97 524	135 049	98 101	278 446	74 127	127 537	74 951	22 986
1992	112 088	143 065	112 902	302 095	82 682	139 399	79 866	27 039
bushels, 1997	13 038 315	18 597 900	13 538 745	39 400 005	9 968 263	17 708 210	9 389 746	2 856 107
1992	14 623 167	18 630 564	14 527 786	45 301 194	11 624 280	19 032 991	10 711 216	3 267 490
Corn for silage or green chop ..... farms, 1997	120	144	44	102	67	126	29	29
1992	147	180	55	96	94	154	31	39
acres, 1997	2 163	3 595	(D)	(D)	1 934	2 658	550	667
1992	2 563	5 601	(D)	2 813	(D)	3 586	(D)	1 293
tons, green, 1997	36 375	59 973	(D)	(D)	44 601	46 782	8 500	10 749
1992	40 037	83 197	(D)	57 024	(D)	55 930	(D)	15 704
Wheat for grain ..... farms, 1997	25	1	11	–	88	9	15	4
1992	18	6	30	1	117	6	17	7
acres, 1997	1 116	(D)	(D)	–	(D)	(D)	252	311
1992	838	133	826	(D)	3 104	153	(D)	82
bushels, 1997	57 974	(D)	(D)	–	(D)	(D)	11 235	8 480
1992	41 651	6 380	39 213	(D)	124 599	6 545	(D)	3 230
Oats for grain ..... farms, 1997	235	177	91	125	48	185	38	60
1992	323	332	129	212	67	295	49	71
acres, 1997	4 872	3 988	2 068	1 667	715	3 713	(D)	1 485
1992	7 649	7 461	2 467	3 162	1 026	6 395	685	2 462
bushels, 1997	337 540	236 340	136 115	126 349	47 181	262 846	(D)	92 993
1992	434 877	409 094	136 247	254 313	52 263	381 982	36 601	132 447
Soybeans for beans ..... farms, 1997	590	541	499	1 161	421	713	353	213
1992	583	498	532	1 311	469	723	370	201
acres, 1997	75 367	70 342	79 564	242 227	63 039	104 716	65 578	23 646
1992	56 335	44 780	60 904	226 051	59 353	87 527	55 149	18 137
bushels, 1997	3 570 795	3 496 027	3 936 969	10 324 939	3 034 487	4 901 709	2 944 952	1 036 592
1992	2 286 541	1 894 942	2 478 411	9 432 716	2 602 899	3 694 059	2 343 068	686 884
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997	482	462	304	198	299	447	135	278
1992	539	593	379	351	346	558	180	283
acres, 1997	21 549	22 981	14 181	4 823	13 963	15 974	3 887	24 557
1992	22 829	25 894	17 405	7 026	16 530	19 601	5 204	24 084
tons, dry, 1997	67 799	74 255	44 882	10 050	42 410	45 933	12 281	67 386
1992	69 962	84 810	48 487	21 518	45 364	54 124	15 709	58 869

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
LIVESTOCK AND POULTRY—Con.								
Sheep and lambs inventory ..... farms, 1997	43	27	40	45	47	7	25	12
1992	61	53	66	50	61	11	43	28
number, 1997	5 080	1 383	2 319	7 218	2 581	730	1 123	593
1992	7 130	2 225	3 708	4 835	3 389	883	1 978	1 301
Sheep and lambs sold ..... farms, 1997	46	28	40	44	47	6	24	15
1992	71	56	67	49	65	11	44	28
number, 1997	5 371	1 237	1 758	7 747	1 677	500	1 083	762
1992	14 335	2 226	3 732	6 686	3 706	966	1 558	2 533
Layers 20 weeks old and older inventory ..... farms, 1997	12	9	6	11	11	–	33	8
1992	20	14	27	19	10	5	29	10
number, 1997	(D)	(D)	(D)	547	(D)	–	279 842	(D)
1992	(D)	(D)	94 349	44 035	(D)	109	293 571	386
Broilers and other meat-type chickens sold ..... farms, 1997	9	–	1	1	1	–	9	2
1992	11	2	2	1	1	–	7	–
number, 1997	404 550	–	(D)	(D)	(D)	–	(D)	(D)
1992	(D)	(D)	(D)	(D)	(D)	–	(D)	–
SELECTED CROPS HARVESTED								
Corn for grain or seed ..... farms, 1997	839	452	641	461	577	334	590	496
1992	896	561	729	559	690	400	617	610
acres, 1997	141 440	67 878	117 172	76 543	130 055	86 743	121 220	139 712
1992	143 854	73 125	121 915	77 625	149 114	98 900	125 214	160 443
bushels, 1997	17 987 167	8 190 737	15 877 096	9 678 430	17 406 641	11 328 490	17 464 291	16 720 355
1992	18 423 189	9 867 244	16 980 269	10 255 868	22 064 643	14 855 370	16 401 482	22 080 596
Corn for silage or green chop ..... farms, 1997	216	56	98	36	41	10	156	63
1992	246	54	127	52	56	9	181	74
acres, 1997	7 138	1 981	(D)	1 038	(D)	267	(D)	2 045
1992	7 780	(D)	2 970	1 234	1 788	418	6 873	2 683
tons, green, 1997	125 483	22 571	(D)	17 924	(D)	4 120	(D)	28 577
1992	128 961	(D)	45 842	17 554	29 483	8 145	110 093	44 346
Wheat for grain ..... farms, 1997	11	5	3	6	5	14	1	7
1992	3	2	4	7	6	12	2	17
acres, 1997	336	(D)	(D)	(D)	46	588	(D)	457
1992	65	(D)	91	254	80	309	(D)	(D)
bushels, 1997	10 980	(D)	(D)	(D)	1 855	19 193	(D)	12 282
1992	(D)	(D)	(D)	8 495	3 390	9 745	(D)	(D)
Oats for grain ..... farms, 1997	125	58	128	98	49	17	151	35
1992	244	104	209	148	124	37	203	95
acres, 1997	(D)	1 171	(D)	2 102	925	(D)	3 235	963
1992	4 647	1 920	3 706	3 053	(D)	(D)	4 832	(D)
bushels, 1997	(D)	66 548	(D)	142 920	67 449	(D)	250 387	68 312
1992	371 929	115 989	218 318	179 567	(D)	(D)	329 617	(D)
Soybeans for beans ..... farms, 1997	819	458	611	444	574	346	555	462
1992	862	492	651	504	602	387	545	535
acres, 1997	133 908	65 939	94 213	70 221	120 155	89 077	92 462	123 142
1992	112 272	53 873	77 886	57 908	83 140	83 916	75 187	110 253
bushels, 1997	6 018 745	2 723 271	4 562 658	3 156 934	5 947 057	3 734 229	4 189 133	4 997 122
1992	4 465 069	2 292 610	3 283 607	2 428 659	3 849 216	3 576 360	2 976 956	4 731 646
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997	416	396	367	341	249	155	242	193
1992	516	461	437	407	350	178	263	249
acres, 1997	10 970	23 206	14 967	20 069	8 091	5 005	8 267	8 290
1992	13 067	23 692	16 028	19 673	10 398	5 222	8 023	9 515
tons, dry, 1997	33 016	58 234	48 191	52 797	24 843	14 763	20 709	24 064
1992	45 541	69 814	48 801	54 944	29 413	14 290	22 397	30 966

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
LIVESTOCK AND POULTRY—Con.								
Sheep and lambs inventory ..... farms, 1997	15	10	35	46	20	20	17	53
1992	27	26	54	75	53	33	38	89
number, 1997	1 284	475	987	4 075	3 589	1 196	3 633	6 803
1992	1 597	2 794	2 271	4 425	5 519	1 690	3 822	7 568
Sheep and lambs sold ..... farms, 1997	14	10	36	46	21	22	18	56
1992	33	25	54	84	57	33	41	88
number, 1997	830	520	1 441	4 598	3 971	1 462	6 187	13 181
1992	1 673	2 377	2 665	6 983	6 296	1 748	4 972	8 928
Layers 20 weeks old and older inventory ..... farms, 1997	3	7	13	16	9	7	7	19
1992	8	4	15	12	9	19	7	35
number, 1997	73	(D)	1 435	304 862	(D)	779	817 448	7 421
1992	381	181	1 114	(D)	(D)	1 480	(D)	2 954
Broilers and other meat-type chickens sold ..... farms, 1997	–	1	3	7	4	2	3	4
1992	–	1	4	4	5	4	4	4
number, 1997	–	(D)	550	(D)	(D)	(D)	475	(D)
1992	–	(D)	(D)	(D)	1 300	(D)	(D)	1 900
SELECTED CROPS HARVESTED								
Corn for grain or seed ..... farms, 1997	271	372	456	806	521	518	620	1 049
1992	289	465	516	920	604	645	704	1 167
acres, 1997	26 548	80 115	86 017	152 624	103 192	90 387	145 731	204 688
1992	26 716	83 743	91 231	155 922	110 072	99 147	154 349	222 328
bushels, 1997	3 255 939	10 374 690	10 843 197	20 672 039	12 761 327	11 603 299	20 161 662	25 202 047
1992	2 984 920	12 116 702	12 286 002	21 548 858	14 231 191	14 066 985	22 729 067	30 771 747
Corn for silage or green chop ..... farms, 1997	43	26	57	90	74	41	63	145
1992	57	22	59	97	71	42	47	139
acres, 1997	(D)	(D)	2 078	(D)	3 406	(D)	2 006	5 602
1992	2 251	760	(D)	2 729	2 167	1 065	(D)	(D)
tons, green, 1997	(D)	(D)	37 415	(D)	54 973	(D)	32 423	78 782
1992	31 009	13 334	(D)	47 676	34 279	16 915	(D)	(D)
Wheat for grain ..... farms, 1997	7	3	13	2	2	14	–	1
1992	8	5	8	–	3	28	1	5
acres, 1997	(D)	(D)	(D)	(D)	(D)	390	–	(D)
1992	346	383	(D)	–	293	906	(D)	(D)
bushels, 1997	(D)	(D)	(D)	(D)	(D)	13 802	–	(D)
1992	19 105	6 690	(D)	–	12 230	22 892	(D)	(D)
Oats for grain ..... farms, 1997	35	24	106	81	54	38	50	176
1992	41	59	125	144	107	82	94	357
acres, 1997	843	(D)	2 000	(D)	859	(D)	1 000	3 787
1992	1 191	(D)	2 531	1 951	1 671	1 874	1 717	9 560
bushels, 1997	64 867	(D)	137 292	(D)	71 130	(D)	73 508	276 444
1992	57 649	(D)	142 545	164 649	151 919	104 535	140 772	709 037
Soybeans for beans ..... farms, 1997	270	377	433	821	522	531	615	1 014
1992	225	431	447	912	602	629	682	1 081
acres, 1997	25 983	79 551	68 993	154 957	104 440	96 201	137 843	182 806
1992	15 131	70 721	56 012	144 548	106 677	88 805	129 267	151 013
bushels, 1997	1 144 408	3 468 523	3 156 063	7 266 828	4 374 096	4 247 022	6 015 002	8 152 527
1992	532 191	2 974 855	2 277 947	6 218 089	4 191 935	3 743 111	5 599 974	6 664 913
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997	318	240	252	250	144	374	124	447
1992	341	292	294	326	235	440	176	577
acres, 1997	24 481	10 508	9 325	5 134	3 311	16 360	3 008	14 646
1992	25 306	11 422	10 280	5 666	4 313	16 004	3 683	15 442
tons, dry, 1997	70 342	27 739	29 344	13 401	7 625	45 034	7 000	39 377
1992	68 512	34 104	32 078	18 977	14 131	42 306	10 643	58 314

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
LIVESTOCK AND POULTRY—Con.								
Sheep and lambs inventory ..... farms, 1997	24	27	29	40	18	42	29	24
1992	26	32	48	56	27	63	51	43
number, 1997	1 342	1 585	1 096	2 618	985	5 216	893	1 672
1992	1 989	1 798	2 582	2 976	2 559	8 602	1 700	4 843
Sheep and lambs sold ..... farms, 1997	29	24	33	38	18	41	33	27
1992	29	34	49	53	28	66	50	44
number, 1997	1 899	1 300	1 287	4 010	1 541	11 024	996	2 115
1992	3 609	1 864	2 345	3 330	2 056	8 799	1 875	5 969
Layers 20 weeks old and older inventory ..... farms, 1997	7	4	12	9	5	8	10	13
1992	10	9	14	11	6	18	20	26
number, 1997	(D)	78	573	(D)	135	96 113	1 858	504
1992	(D)	449	981	(D)	182	110 653	2 296	(D)
Broilers and other meat-type chickens sold ..... farms, 1997	3	–	3	3	4	1	1	5
1992	7	–	2	3	3	4	4	6
number, 1997	(D)	–	350	(D)	(D)	(D)	(D)	797
1992	(D)	–	(D)	(D)	(D)	355	(D)	(D)
SELECTED CROPS HARVESTED								
Corn for grain or seed ..... farms, 1997	681	388	906	578	290	640	541	730
1992	795	446	1 052	653	378	773	628	872
acres, 1997	163 349	89 711	216 667	108 365	36 931	145 272	113 714	150 745
1992	164 316	95 459	241 026	121 588	46 368	153 911	126 941	175 035
bushels, 1997	23 262 415	13 346 086	27 537 582	14 678 402	3 874 005	19 077 177	15 798 461	18 970 659
1992	24 946 070	14 708 065	35 905 765	15 738 586	5 427 835	22 870 198	18 050 037	24 155 375
Corn for silage or green chop ..... farms, 1997	32	16	85	60	39	64	57	61
1992	43	22	121	74	33	62	83	59
acres, 1997	644	(D)	2 518	(D)	1 180	(D)	1 494	(D)
1992	(D)	551	3 006	1 976	1 056	(D)	2 326	1 444
tons, green, 1997	11 480	(D)	38 421	(D)	17 769	(D)	24 741	(D)
1992	(D)	9 500	55 864	33 983	12 673	(D)	38 082	19 594
Wheat for grain ..... farms, 1997	1	2	13	4	6	3	5	4
1992	–	3	14	–	9	10	4	2
acres, 1997	(D)	(D)	422	70	(D)	143	103	112
1992	–	81	287	–	(D)	(D)	(D)	(D)
bushels, 1997	(D)	(D)	18 827	2 460	(D)	5 708	4 289	4 780
1992	–	2 675	9 927	–	(D)	(D)	(D)	(D)
Oats for grain ..... farms, 1997	49	19	54	157	65	108	108	105
1992	80	58	175	272	79	179	156	293
acres, 1997	825	417	1 422	3 509	1 939	(D)	1 569	2 132
1992	(D)	957	(D)	6 903	2 809	3 567	2 445	6 031
bushels, 1997	68 438	26 702	95 644	243 657	105 909	(D)	133 334	166 479
1992	(D)	60 495	(D)	383 552	131 890	301 998	164 421	446 494
Soybeans for beans ..... farms, 1997	683	403	890	551	309	628	500	703
1992	780	427	965	597	322	729	525	789
acres, 1997	164 760	87 200	200 985	96 645	41 942	140 842	70 284	124 033
1992	152 063	80 461	168 002	77 681	32 764	126 118	49 367	95 555
bushels, 1997	7 546 027	3 975 704	8 751 596	4 594 859	1 685 994	6 514 976	3 621 592	5 779 091
1992	6 617 392	3 528 854	7 291 047	3 253 058	1 184 602	5 559 925	2 280 278	4 117 865
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997	131	156	458	429	311	234	237	383
1992	163	181	565	534	370	324	338	459
acres, 1997	2 063	5 928	14 664	23 469	29 364	7 007	6 721	11 915
1992	2 886	5 345	17 679	26 192	34 305	9 662	8 676	14 126
tons, dry, 1997	4 566	14 267	43 372	73 506	68 744	19 746	21 259	35 837
1992	8 186	16 022	56 711	83 617	88 988	31 303	28 758	48 830

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item		Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
LIVESTOCK AND POULTRY—Con.									
Sheep and lambs inventory	farms, 1997	73	40	56	15	20	39	10	19
	1992	86	63	83	29	29	64	28	25
	number, 1997	27 954	1 994	2 749	1 003	2 450	2 904	360	1 011
	1992	26 964	3 608	6 117	1 452	(D)	3 592	3 117	1 152
Sheep and lambs sold	farms, 1997	83	39	59	17	20	39	10	19
	1992	94	67	82	30	32	65	30	23
	number, 1997	51 210	1 826	2 682	1 204	3 421	2 052	(D)	1 732
	1992	81 778	3 700	10 518	2 497	(D)	2 824	9 197	808
Layers 20 weeks old and older inventory	farms, 1997	27	8	26	8	5	14	4	12
	1992	27	21	39	11	5	18	4	13
	number, 1997	1 573 738	850	764	(D)	75	738	64	248
	1992	530 792	43 651	46 135	382	470	4 871	(D)	6 980
Broilers and other meat-type chickens sold	farms, 1997	19	4	8	2	6	4	1	–
	1992	18	6	11	3	5	1	1	3
	number, 1997	2 471 721	4 042	(D)	(D)	(D)	248	(D)	–
	1992	(D)	1 670	6 636	(D)	1 054 320	(D)	(D)	(D)
SELECTED CROPS HARVESTED									
Corn for grain or seed	farms, 1997	1 235	662	743	375	299	342	280	458
	1992	1 390	716	898	475	383	385	341	549
	acres, 1997	220 386	153 390	153 127	55 304	39 576	43 567	48 089	68 156
	1992	236 370	150 833	173 533	65 919	48 482	43 459	50 662	77 202
	bushels, 1997	29 742 539	21 652 236	20 103 554	6 255 613	4 483 372	5 475 069	6 337 667	8 908 536
	1992	32 730 653	23 082 460	23 946 139	7 941 431	6 053 351	5 674 709	6 715 668	10 036 521
Corn for silage or green chop	farms, 1997	288	35	66	25	34	44	21	62
	1992	309	39	84	24	32	64	27	66
	acres, 1997	(D)	(D)	(D)	632	(D)	(D)	555	1 408
	1992	(D)	(D)	2 635	(D)	730	(D)	1 109	1 970
	tons, green, 1997	(D)	(D)	(D)	7 792	(D)	(D)	9 618	22 395
	1992	(D)	(D)	38 364	(D)	8 975	(D)	17 934	22 721
Wheat for grain	farms, 1997	13	6	–	15	4	12	9	1
	1992	3	9	4	15	3	67	11	5
	acres, 1997	374	78	–	(D)	166	(D)	(D)	(D)
	1992	167	167	153	543	96	1 447	676	62
	bushels, 1997	17 243	3 992	–	(D)	5 680	(D)	(D)	(D)
	1992	8 482	11 323	6 498	15 372	4 132	63 896	18 398	2 780
Oats for grain	farms, 1997	121	52	148	51	90	59	37	63
	1992	286	60	233	80	116	82	49	93
	acres, 1997	(D)	780	2 343	(D)	2 759	1 028	1 010	1 096
	1992	6 424	849	4 304	2 023	3 332	1 410	986	1 762
	bushels, 1997	(D)	58 470	158 709	(D)	153 507	64 761	82 881	67 401
	1992	528 828	45 941	240 000	98 400	184 932	59 608	55 959	84 741
Soybeans for beans	farms, 1997	1 179	651	705	398	277	324	274	445
	1992	1 237	681	803	425	329	326	308	507
	acres, 1997	183 327	145 265	130 220	69 134	39 480	43 887	50 315	66 063
	1992	147 896	124 514	99 995	50 737	32 456	35 854	41 700	54 735
	bushels, 1997	8 763 200	6 560 019	6 167 542	2 698 100	1 622 090	2 017 766	2 306 148	2 875 712
	1992	6 545 765	5 677 799	4 243 009	1 898 194	1 248 404	1 482 508	1 702 756	2 217 407
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1997	453	192	404	316	293	318	209	391
	1992	610	235	527	357	346	339	236	450
	acres, 1997	12 905	4 723	14 755	20 017	23 005	21 041	12 792	21 565
	1992	16 263	5 637	17 963	21 531	23 655	21 255	13 279	24 214
	tons, dry, 1997	38 566	14 426	47 801	48 798	53 820	57 541	34 166	64 977
	1992	61 098	15 348	52 888	52 822	67 696	51 496	30 677	71 576

See footnotes at end of table.

Table 12. **Farms With Sales of $10,000 or More: 1997 and 1992**—Con.

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

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
LIVESTOCK AND POULTRY—Con.								
Sheep and lambs inventory ..... farms, 1997	51	16	30	16	32	27	19	26
1992	78	28	39	33	47	45	27	46
number, 1997	2 838	713	1 173	464	1 349	1 564	837	1 249
1992	7 072	2 101	1 521	1 195	2 851	2 887	1 146	1 346
Sheep and lambs sold ..... farms, 1997	50	16	34	17	34	29	18	28
1992	81	31	46	32	47	45	29	44
number, 1997	2 519	689	1 239	889	1 339	1 708	701	1 012
1992	8 633	2 504	1 792	1 401	1 981	2 979	1 505	1 378
Layers 20 weeks old and older inventory ..... farms, 1997	40	9	7	4	20	17	3	7
1992	42	7	11	9	38	13	7	9
number, 1997	399 539	(D)	(D)	117	(D)	661	(D)	(D)
1992	201 529	142	(D)	461	254 376	691	(D)	(D)
Broilers and other meat-type chickens sold ..... farms, 1997	8	–	1	1	1	3	2	1
1992	16	–	6	7	1	1	3	5
number, 1997	(D)	–	(D)	(D)	(D)	(D)	(D)	(D)
1992	(D)	–	2 423	2 682	(D)	(D)	1 400	1 797
SELECTED CROPS HARVESTED								
Corn for grain or seed ..... farms, 1997	681	309	737	417	882	755	423	574
1992	763	386	833	495	1 045	784	460	679
acres, 1997	115 343	41 840	183 444	118 034	115 657	185 476	102 821	162 294
1992	126 633	51 158	180 426	121 014	119 496	190 900	107 000	167 020
bushels, 1997	15 863 465	4 400 810	25 921 850	16 938 093	15 763 344	21 359 574	14 307 890	22 348 881
1992	16 538 162	5 927 915	28 305 274	16 930 784	14 241 160	26 502 224	14 153 313	26 127 203
Corn for silage or green chop ..... farms, 1997	74	32	31	34	414	112	46	10
1992	87	43	26	39	502	75	52	13
acres, 1997	1 307	(D)	880	1 106	11 161	4 073	952	518
1992	(D)	(D)	967	994	11 983	3 177	1 183	320
tons, green, 1997	20 954	(D)	15 538	17 954	189 014	64 934	14 984	5 054
1992	(D)	(D)	18 130	18 759	178 629	47 145	18 747	5 680
Wheat for grain ..... farms, 1997	32	15	–	–	5	6	2	–
1992	44	6	5	1	5	5	–	–
acres, 1997	(D)	1 141	–	–	541	342	(D)	–
1992	900	580	27	(D)	84	375	–	–
bushels, 1997	(D)	37 588	–	–	(D)	11 210	(D)	–
1992	42 135	33 820	1 026	(D)	3 795	10 040	–	–
Oats for grain ..... farms, 1997	143	57	46	63	418	74	75	26
1992	207	52	93	73	635	168	109	50
acres, 1997	2 430	1 505	(D)	1 179	8 982	1 590	1 353	413
1992	4 368	1 493	2 055	1 144	14 587	5 336	1 661	664
bushels, 1997	173 319	67 687	(D)	83 602	561 274	111 393	90 110	29 342
1992	229 847	59 898	131 038	83 159	798 016	456 151	120 114	52 241
Soybeans for beans ..... farms, 1997	652	318	740	404	531	706	417	565
1992	670	321	821	437	331	654	435	652
acres, 1997	101 370	47 018	186 375	90 361	46 434	161 805	89 453	154 187
1992	77 064	36 657	172 474	71 609	17 210	97 139	73 347	143 020
bushels, 1997	4 908 441	1 838 856	8 356 605	3 834 089	2 081 696	6 440 420	3 855 006	6 422 243
1992	3 365 712	1 270 010	7 626 948	2 784 574	601 249	4 222 733	2 856 986	6 256 524
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997	373	353	136	94	772	347	150	100
1992	433	389	187	113	955	367	194	133
acres, 1997	12 810	34 663	2 843	3 253	48 376	11 869	3 191	2 006
1992	16 172	33 949	3 109	2 492	60 250	11 744	3 885	2 046
tons, dry, 1997	36 947	84 457	8 698	8 139	155 154	29 117	7 320	4 481
1992	45 093	80 950	9 610	6 839	188 340	39 277	11 950	5 985

[1]Data are based on a sample of farms.
[2]Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains.

Table 13. **Selected Crops Harvested: 1997 and 1992**

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

Crop		Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Harvested cropland	farms, 1997	74 951	653	444	712	623	543	1 024
	1992	84 009	759	544	846	699	635	1 158
	acres, 1997	23 323 249	214 279	125 377	135 640	98 611	217 639	341 149
	1992	22 826 308	201 988	124 077	143 265	96 528	197 846	337 633
Irrigated	farms, 1997	930	3	1	3	2	–	9
	1992	1 034	2	–	5	5	1	11
	acres, 1997	123 084	(D)	(D)	(D)	(D)	–	(D)
	1992	114 911	(D)	–	37	81	(D)	175
Corn for grain or seed	farms, 1997	61 860	543	338	584	309	468	866
	1992	72 756	677	451	689	396	575	1 036
	acres, 1997	11 595 308	93 873	54 227	63 619	27 217	103 274	166 702
	1992	12 512 815	102 811	60 843	70 111	30 657	110 355	178 600
	bushels, 1997	1 537 482 128	10 829 372	6 247 399	8 273 034	3 290 397	12 811 212	23 422 374
	1992	1 754 149 889	13 502 866	7 769 782	8 601 752	3 441 291	15 543 035	24 399 018
Irrigated	farms, 1997	440	2	–	–	1	–	–
	1992	449	1	–	–	2	1	1
	acres, 1997	77 831	(D)	–	–	(D)	–	–
	1992	77 138	(D)	–	–	(D)	(D)	(D)
1997 farms by acres harvested:								
1 to 24 acres		6 289	54	42	99	82	34	78
25 to 99 acres		19 305	199	127	260	143	136	250
100 to 249 acres		20 600	175	98	174	56	162	297
250 to 499 acres		11 229	83	56	37	21	97	174
500 acres or more		4 437	32	15	14	7	39	67
Corn for silage or green chop	farms, 1997	8 405	93	36	275	29	47	86
	1992	9 575	63	44	324	42	39	110
	acres, 1997	241 549	2 686	1 301	6 831	754	1 356	1 974
	1992	260 770	1 577	1 174	7 290	865	948	3 016
	tons, green, 1997	3 993 158	38 974	16 118	115 394	10 057	19 077	32 333
	1992	4 096 921	22 203	16 845	113 011	9 730	13 304	49 036
Irrigated	farms, 1997	10	–	–	–	–	–	–
	1992	10	–	–	–	–	–	–
	acres, 1997	342	–	–	–	–	–	–
	1992	290	–	–	–	–	–	–
1997 farms by acres harvested:								
1 to 24 acres		5 276	62	21	173	18	33	60
25 to 99 acres		2 739	28	11	95	10	11	24
100 to 249 acres		341	2	4	7	1	3	1
250 to 499 acres		42	1	–	–	–	–	1
500 acres or more		7	–	–	–	–	–	–
Wheat for grain	farms, 1997	719	1	5	4	7	1	4
	1992	970	7	4	5	9	2	5
	acres, 1997	22 123	(D)	105	36	174	(D)	245
	1992	30 072	157	(D)	80	765	(D)	108
	bushels, 1997	905 333	(D)	3 457	1 959	7 270	(D)	9 468
	1992	1 183 472	3 498	(D)	2 984	24 870	(D)	5 177
Irrigated	farms, 1997	–	–	–	–	–	–	–
	1992	1	–	–	–	–	–	–
	acres, 1997	–	–	–	–	–	–	–
	1992	(D)	–	–	–	–	–	–
1997 farms by acres harvested:								
1 to 24 acres		447	1	3	4	3	–	1
25 to 99 acres		235	–	2	–	4	1	2
100 to 249 acres		28	–	–	–	–	–	1
250 to 499 acres		9	–	–	–	–	–	–
500 acres or more		–	–	–	–	–	–	–
Oats for grain	farms, 1997	10 823	122	62	293	33	75	200
	1992	17 854	225	99	475	47	173	314
	acres, 1997	211 985	2 923	1 729	7 492	586	1 411	3 635
	1992	368 086	5 205	2 221	11 548	1 139	3 579	6 192
	bushels, 1997	14 293 977	164 436	114 992	463 530	34 128	94 229	275 276
	1992	23 246 559	301 383	113 333	616 645	56 604	267 379	385 668
Irrigated	farms, 1997	2	–	–	–	–	–	–
	1992	20	–	–	–	–	–	–
	acres, 1997	(D)	–	–	–	–	–	–
	1992	545	–	–	–	–	–	–
1997 farms by acres harvested:								
1 to 24 acres		8 221	72	38	170	28	57	156
25 to 99 acres		2 496	49	22	117	5	18	44
100 to 249 acres		101	1	2	6	–	–	–
250 to 499 acres		5	–	–	–	–	–	–
500 acres or more		–	–	–	–	–	–	–
Soybeans for beans	farms, 1997	56 436	518	335	214	316	465	813
	1992	59 945	580	388	115	337	521	941
	acres, 1997	9 944 865	88 004	53 869	16 742	30 320	101 724	155 595
	1992	8 243 067	65 152	42 275	4 327	24 881	73 681	135 331
	bushels, 1997	445 574 589	3 423 610	2 214 721	744 704	1 240 536	4 468 600	7 662 847
	1992	352 590 997	2 643 985	1 662 940	162 674	910 574	3 238 961	5 835 440
Irrigated	farms, 1997	294	1	–	–	–	–	1
	1992	195	–	–	–	–	–	–
	acres, 1997	38 664	(D)	–	–	–	–	(D)
	1992	26 661	–	–	–	–	–	–
1997 farms by acres harvested:								
1 to 24 acres		5 643	55	44	55	62	39	84
25 to 99 acres		19 323	186	133	113	162	133	229
100 to 249 acres		18 358	177	86	34	63	163	284
250 to 499 acres		9 661	69	51	10	24	95	158
500 acres or more		3 451	31	21	2	5	35	58

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Harvested cropland ..... farms, 1997	873	756	822	971	765	906	734
1992	977	831	916	1 054	857	962	806
acres, 1997	252 852	283 902	200 037	285 548	315 405	270 635	306 400
1992	257 277	278 180	195 242	274 972	294 236	254 452	304 854
Irrigated ..... farms, 1997	22	9	7	5	5	4	2
1992	27	6	5	9	3	4	6
acres, 1997	(D)	(D)	342	(D)	(D)	91	(D)
1992	(D)	(D)	(D)	356	430	254	341
Corn for grain or seed ..... farms, 1997	722	632	713	859	714	784	650
1992	849	724	835	975	818	889	767
acres, 1997	131 973	140 660	105 948	156 792	158 339	139 450	149 875
1992	151 856	144 447	117 562	176 119	154 306	150 633	153 415
bushels, 1997	17 572 621	20 115 217	14 824 642	20 690 445	22 268 695	18 450 766	19 749 654
1992	22 483 724	22 148 282	17 369 527	25 272 487	22 561 472	21 966 616	24 359 259
Irrigated ..... farms, 1997	3	2	4	1	2	3	1
1992	4	–	3	3	2	3	3
acres, 1997	265	(D)	182	(D)	(D)	45	(D)
1992	277	–	220	130	(D)	121	291
1997 farms by acres harvested:							
1 to 24 acres	54	56	86	120	27	90	24
25 to 99 acres	257	173	295	296	159	228	174
100 to 249 acres	240	201	211	232	312	301	223
250 to 499 acres	111	137	87	145	171	110	164
500 acres or more	60	65	34	66	45	55	65
Corn for silage or green chop ..... farms, 1997	63	28	114	143	66	83	39
1992	84	35	173	152	64	102	48
acres, 1997	1 727	561	2 371	3 228	2 887	1 927	2 012
1992	1 626	908	3 533	2 810	2 865	2 042	2 071
tons, green, 1997	29 935	10 289	43 121	60 888	60 043	29 828	25 960
1992	29 586	13 511	59 851	44 910	54 321	35 879	33 107
Irrigated ..... farms, 1997	–	–	–	–	–	–	–
1992	–	–	1	–	–	–	–
acres, 1997	–	–	–	–	–	–	–
1992	–	–	(D)	–	–	–	–
1997 farms by acres harvested:							
1 to 24 acres	38	19	78	100	43	56	19
25 to 99 acres	23	9	35	37	18	25	16
100 to 249 acres	2	–	1	6	4	2	3
250 to 499 acres	–	–	–	–	–	–	–
500 acres or more	–	–	–	–	1	–	1
Wheat for grain ..... farms, 1997	–	2	3	9	–	4	1
1992	4	9	2	2	–	3	2
acres, 1997	–	(D)	(D)	155	–	272	(D)
1992	100	264	(D)	(D)	–	110	(D)
bushels, 1997	–	(D)	2 452	8 873	–	6 825	(D)
1992	5 195	11 416	(D)	(D)	–	4 100	(D)
Irrigated ..... farms, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–
acres, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–
1997 farms by acres harvested:							
1 to 24 acres	–	–	2	7	–	1	–
25 to 99 acres	–	2	1	2	–	2	1
100 to 249 acres	–	–	–	–	–	1	–
250 to 499 acres	–	–	–	–	–	–	–
500 acres or more	–	–	–	–	–	–	–
Oats for grain ..... farms, 1997	68	59	132	236	89	136	64
1992	164	94	240	293	137	255	108
acres, 1997	1 229	1 224	1 960	3 731	1 448	2 416	885
1992	2 978	1 880	4 205	4 780	2 352	4 571	2 337
bushels, 1997	87 181	91 400	134 574	256 636	124 509	169 730	73 896
1992	195 317	120 770	288 626	318 318	188 218	313 926	185 505
Irrigated ..... farms, 1997	–	–	–	–	–	–	–
1992	–	–	–	1	–	–	–
acres, 1997	–	–	–	–	–	–	–
1992	–	–	–	(D)	–	–	–
1997 farms by acres harvested:							
1 to 24 acres	55	45	117	212	74	110	56
25 to 99 acres	12	13	15	23	13	25	8
100 to 249 acres	1	1	–	1	2	1	–
250 to 499 acres	–	–	–	–	–	–	–
500 acres or more	–	–	–	–	–	–	–
Soybeans for beans ..... farms, 1997	709	625	647	783	712	767	668
1992	733	667	688	776	789	773	743
acres, 1997	111 781	137 120	81 635	112 669	150 291	120 836	153 275
1992	94 301	126 604	59 245	79 520	133 787	88 938	145 174
bushels, 1997	5 255 971	6 009 155	3 865 852	5 297 869	7 087 488	5 310 971	6 719 423
1992	4 231 089	5 622 987	2 694 201	3 486 801	6 060 492	3 984 848	6 444 799
Irrigated ..... farms, 1997	2	1	2	–	1	4	1
1992	4	–	1	1	1	2	1
acres, 1997	(D)	(D)	(D)	–	(D)	46	(D)
1992	259	–	(D)	(D)	(D)	(D)	(D)
1997 farms by acres harvested:							
1 to 24 acres	67	63	101	125	30	82	31
25 to 99 acres	278	173	279	308	168	281	186
100 to 249 acres	212	197	185	224	298	276	208
250 to 499 acres	122	133	59	90	174	87	177
500 acres or more	30	59	23	36	42	41	66

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Harvested cropland ..... farms, 1997	967	677	812	694	777	789	505
1992	1 062	790	956	737	875	880	569
acres, 1997	302 918	237 766	264 890	264 004	265 149	223 329	81 284
1992	300 794	243 861	269 143	265 436	262 066	216 787	90 864
Irrigated ..... farms, 1997	7	3	7	10	–	6	4
1992	5	1	7	5	5	10	2
acres, 1997	575	(D)	(D)	199	–	613	(D)
1992	635	(D)	16	(D)	913	1 077	(D)
Corn for grain or seed ..... farms, 1997	883	575	690	563	704	674	309
1992	986	721	849	681	820	781	382
acres, 1997	151 595	114 895	140 111	137 695	129 500	114 215	25 691
1992	160 115	132 785	169 694	161 220	140 647	128 632	35 482
bushels, 1997	19 662 164	13 311 624	19 025 852	19 318 381	17 375 954	15 587 474	2 809 247
1992	23 451 686	18 520 747	24 009 947	22 088 779	20 294 392	17 237 293	4 017 143
Irrigated ..... farms, 1997	5	–	1	1	–	2	2
1992	3	–	–	1	1	7	1
acres, 1997	391	–	(D)	(D)	–	(D)	(D)
1992	475	–	–	(D)	(D)	788	(D)
1997 farms by acres harvested:							
1 to 24 acres	42	55	48	34	30	61	95
25 to 99 acres	283	169	198	132	198	231	129
100 to 249 acres	371	177	244	201	309	248	64
250 to 499 acres	149	124	144	132	131	94	18
500 acres or more	38	50	56	64	36	40	3
Corn for silage or green chop ..... farms, 1997	77	81	81	44	121	177	52
1992	98	74	91	42	155	189	42
acres, 1997	2 631	1 708	1 508	1 115	4 600	5 302	1 546
1992	4 280	1 765	1 879	888	4 797	4 661	1 314
tons, green, 1997	39 336	24 267	21 462	19 403	79 806	91 489	18 500
1992	70 737	26 747	28 555	12 597	79 866	77 318	18 110
Irrigated ..... farms, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	1	–
acres, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	(D)	–
1997 farms by acres harvested:							
1 to 24 acres	47	55	60	32	61	105	29
25 to 99 acres	24	24	20	9	54	61	18
100 to 249 acres	5	2	1	3	4	10	5
250 to 499 acres	1	–	–	–	2	1	–
500 acres or more	–	–	–	–	–	–	–
Wheat for grain ..... farms, 1997	3	3	13	1	4	3	6
1992	2	6	10	1	2	7	3
acres, 1997	114	(D)	327	(D)	59	57	144
1992	(D)	141	184	(D)	(D)	214	25
bushels, 1997	5 160	(D)	15 297	(D)	1 934	1 725	4 063
1992	(D)	4 690	8 170	(D)	(D)	8 495	(D)
Irrigated ..... farms, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–
acres, 1997	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–
1997 farms by acres harvested:							
1 to 24 acres	1	1	8	–	4	2	4
25 to 99 acres	2	2	5	1	–	1	2
100 to 249 acres	–	–	–	–	–	–	–
250 to 499 acres	–	–	–	–	–	–	–
500 acres or more	–	–	–	–	–	–	–
Oats for grain ..... farms, 1997	150	80	145	76	80	154	74
1992	284	159	238	126	138	263	106
acres, 1997	2 324	1 607	2 171	1 301	1 190	2 482	1 701
1992	4 933	2 846	3 859	2 473	2 239	5 061	2 932
bushels, 1997	186 174	87 746	162 322	95 053	95 267	163 057	87 732
1992	408 920	161 654	249 854	171 401	195 340	309 788	115 244
Irrigated ..... farms, 1997	–	–	–	–	–	–	–
1992	–	–	–	1	–	–	1
acres, 1997	–	–	–	–	–	–	–
1992	–	–	–	(D)	–	–	(D)
1997 farms by acres harvested:							
1 to 24 acres	130	58	124	62	65	126	50
25 to 99 acres	20	22	21	14	15	27	23
100 to 249 acres	–	–	–	–	–	1	1
250 to 499 acres	–	–	–	–	–	–	–
500 acres or more	–	–	–	–	–	–	–
Soybeans for beans ..... farms, 1997	863	562	640	579	696	626	276
1992	932	652	746	609	784	628	301
acres, 1997	138 727	103 593	110 106	120 639	124 329	92 579	26 715
1992	122 952	89 909	83 827	97 497	108 195	66 195	22 815
bushels, 1997	6 236 473	4 044 482	5 564 544	5 196 050	5 962 251	4 130 167	1 098 717
1992	5 511 668	3 706 504	3 682 418	4 003 973	4 915 902	2 702 009	796 250
Irrigated ..... farms, 1997	3	–	–	1	–	2	2
1992	1	–	–	–	2	3	1
acres, 1997	181	–	–	(D)	–	(D)	(D)
1992	(D)	–	–	–	(D)	(D)	(D)
1997 farms by acres harvested:							
1 to 24 acres	43	49	45	50	31	84	64
25 to 99 acres	300	181	223	149	200	229	119
100 to 249 acres	364	178	227	204	306	206	68
250 to 499 acres	126	113	116	128	129	84	22
500 acres or more	30	41	29	48	30	23	3

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop		Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Harvested cropland	farms, 1997	579	1 296	1 042	910	754	690	519
	1992	696	1 393	1 174	1 071	835	781	521
	acres, 1997	244 994	273 022	290 935	325 709	263 751	110 732	88 999
	1992	261 925	264 033	284 080	292 233	249 068	112 533	84 629
Irrigated	farms, 1997	9	6	9	5	17	5	3
	1992	10	9	14	2	13	7	4
	acres, 1997	844	(D)	113	184	844	(D)	12
	1992	758	115	103	(D)	238	54	(D)
Corn for grain or seed	farms, 1997	508	1 082	918	785	553	361	248
	1992	652	1 211	1 073	944	661	478	293
	acres, 1997	118 457	158 200	171 357	160 588	126 098	33 647	24 834
	1992	134 837	162 965	182 501	163 348	133 558	43 091	27 998
	bushels, 1997	15 713 582	20 923 842	23 414 391	19 657 636	16 867 647	3 974 152	2 793 028
	1992	18 952 200	20 954 330	24 468 631	22 533 198	19 348 871	5 304 929	3 382 919
Irrigated	farms, 1997	4	1	–	3	3	–	–
	1992	6	4	2	–	5	1	–
	acres, 1997	591	(D)	–	150	256	–	–
	1992	554	72	(D)	–	195	(D)	–
1997 farms by acres harvested:								
1 to 24 acres		19	164	91	60	54	119	58
25 to 99 acres		129	414	270	235	163	137	121
100 to 249 acres		179	330	314	272	149	72	44
250 to 499 acres		129	125	181	159	122	23	18
500 acres or more		52	49	62	59	65	10	7
Corn for silage or green chop	farms, 1997	56	343	125	92	34	67	34
	1992	55	400	169	73	34	67	44
	acres, 1997	1 896	7 418	3 961	2 300	819	1 112	1 181
	1992	2 463	8 835	5 349	2 308	1 177	1 551	1 571
	tons, green, 1997	31 517	120 460	64 758	36 854	13 641	18 259	15 132
	1992	48 858	120 117	92 037	27 371	15 216	22 403	23 692
Irrigated	farms, 1997	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–
	acres, 1997	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–
1997 farms by acres harvested:								
1 to 24 acres		34	238	66	57	22	53	17
25 to 99 acres		19	102	55	33	12	13	15
100 to 249 acres		2	3	4	2	–	1	2
250 to 499 acres		1	–	–	–	–	–	–
500 acres or more		–	–	–	–	–	–	–
Wheat for grain	farms, 1997	1	7	8	4	5	17	6
	1992	1	12	11	7	8	32	2
	acres, 1997	(D)	272	90	87	158	324	218
	1992	(D)	175	231	209	223	937	(D)
	bushels, 1997	(D)	12 890	4 373	3 000	4 640	13 352	7 134
	1992	(D)	7 435	8 740	8 278	10 362	35 489	(D)
Irrigated	farms, 1997	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–
	acres, 1997	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–
1997 farms by acres harvested:								
1 to 24 acres		–	4	8	3	2	14	3
25 to 99 acres		–	2	–	1	3	3	3
100 to 249 acres		–	1	–	–	–	–	–
250 to 499 acres		1	–	–	–	–	–	–
500 acres or more		–	–	–	–	–	–	–
Oats for grain	farms, 1997	38	474	210	124	40	115	31
	1992	46	656	326	318	58	109	21
	acres, 1997	649	10 503	3 554	2 235	886	1 850	752
	1992	1 052	14 521	5 229	7 373	1 210	1 776	452
	bushels, 1997	45 468	667 379	241 640	156 987	65 141	96 930	40 269
	1992	81 046	881 290	306 125	541 308	77 140	79 201	24 880
Irrigated	farms, 1997	–	–	–	–	–	–	–
	1992	–	2	–	–	–	–	–
	acres, 1997	–	–	–	–	–	–	–
	1992	–	(D)	–	–	–	–	–
1997 farms by acres harvested:								
1 to 24 acres		29	323	166	92	30	103	20
25 to 99 acres		9	147	43	32	9	10	11
100 to 249 acres		–	4	1	–	1	2	–
250 to 499 acres		–	–	–	–	–	–	–
500 acres or more		–	–	–	–	–	–	–
Soybeans for beans	farms, 1997	532	410	745	742	581	345	245
	1992	623	211	796	836	608	332	235
	acres, 1997	120 511	44 759	99 452	144 894	126 449	38 409	28 727
	1992	121 194	17 427	76 478	101 847	106 710	27 567	21 608
	bushels, 1997	5 411 651	2 110 870	4 969 010	6 396 233	5 296 309	1 702 630	1 250 983
	1992	5 232 764	758 889	3 463 361	4 346 150	4 564 019	1 112 304	729 106
Irrigated	farms, 1997	3	3	1	1	–	–	–
	1992	2	–	1	–	2	–	–
	acres, 1997	200	387	(D)	(D)	–	–	–
	1992	(D)	–	(D)	–	(D)	–	–
1997 farms by acres harvested:								
1 to 24 acres		36	73	88	54	64	89	37
25 to 99 acres		126	196	301	250	178	143	117
100 to 249 acres		191	87	252	245	159	72	61
250 to 499 acres		128	46	80	143	116	25	24
500 acres or more		51	8	24	50	64	16	6

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Harvested cropland ..... farms, 1997	1 114	556	424	1 273	425	1 085	724	751
1992	1 213	602	491	1 433	497	1 231	777	825
acres, 1997	259 875	140 564	166 247	213 151	187 912	317 357	257 712	299 931
1992	259 480	139 979	164 037	223 921	188 176	301 257	235 754	294 828
Irrigated ..... farms, 1997	5	14	3	5	2	13	12	2
1992	10	16	3	15	2	9	7	10
acres, 1997	10	1 945	(D)	(D)	(D)	738	1 924	(D)
1992	661	814	(D)	(D)	(D)	445	920	179
Corn for grain or seed ..... farms, 1997	1 014	422	361	1 105	393	970	632	692
1992	1 134	491	425	1 257	467	1 140	697	785
acres, 1997	157 975	68 347	78 518	116 149	96 395	170 723	134 011	157 682
1992	176 359	72 638	82 755	124 324	99 213	181 493	134 445	172 740
bushels, 1997	21 723 080	9 334 779	9 715 927	15 465 826	13 417 749	23 315 159	18 209 619	20 527 021
1992	23 820 937	10 239 175	10 687 952	15 917 137	13 959 038	24 968 718	18 442 786	26 089 978
Irrigated ..... farms, 1997	1	9	1	–	2	5	9	–
1992	2	5	1	1	1	4	5	1
acres, 1997	(D)	1 638	(D)	–	(D)	721	1 366	–
1992	(D)	700	(D)	(D)	(D)	361	448	(D)
1997 farms by acres harvested:								
1 to 24 acres	74	63	20	132	21	95	56	36
25 to 99 acres	344	128	88	554	77	336	195	177
100 to 249 acres	434	144	139	328	132	321	193	226
250 to 499 acres	110	61	83	76	125	150	128	176
500 acres or more	52	26	31	15	38	68	60	77
Corn for silage or green chop ..... farms, 1997	333	49	47	391	51	271	74	58
1992	405	51	59	463	36	326	81	59
acres, 1997	9 027	911	2 811	9 797	1 745	8 005	2 301	1 535
1992	9 286	1 223	2 575	11 264	881	8 093	2 056	1 578
tons, green, 1997	162 943	14 998	45 049	162 307	31 259	145 737	43 039	23 490
1992	138 816	20 250	40 950	167 410	15 014	134 984	32 160	32 248
Irrigated ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	1	–	–	–	–	–	–
acres, 1997	–	–	–	–	–	–	–	–
1992	–	(D)	–	–	–	–	–	–
1997 farms by acres harvested:								
1 to 24 acres	172	39	18	255	31	169	41	43
25 to 99 acres	155	9	23	127	16	89	30	12
100 to 249 acres	6	1	4	7	3	12	2	2
250 to 499 acres	–	–	1	2	1	1	1	1
500 acres or more	–	–	1	–	–	–	–	–
Wheat for grain ..... farms, 1997	6	31	–	8	1	4	3	3
1992	5	40	6	16	–	4	–	3
acres, 1997	118	574	–	89	(D)	93	85	(D)
1992	157	1 112	148	298	–	34	–	(D)
bushels, 1997	6 660	30 653	–	2 590	(D)	2 990	6 000	7 065
1992	7 235	51 010	8 280	12 138	–	980	–	(D)
Irrigated ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
acres, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
1997 farms by acres harvested:								
1 to 24 acres	4	25	–	8	1	3	–	2
25 to 99 acres	2	6	–	–	–	1	3	–
100 to 249 acres	–	–	–	–	–	–	–	1
250 to 499 acres	–	–	–	–	–	–	–	–
500 acres or more	–	–	–	–	–	–	–	–
Oats for grain ..... farms, 1997	298	33	24	486	28	307	82	66
1992	502	49	51	741	40	491	149	121
acres, 1997	6 268	419	409	10 651	360	6 386	1 728	1 050
1992	10 952	909	1 122	16 766	489	10 446	2 638	2 403
bushels, 1997	410 873	32 037	30 679	684 767	23 537	420 241	116 203	71 818
1992	664 701	40 532	92 038	917 340	40 128	661 640	180 420	189 891
Irrigated ..... farms, 1997	–	–	–	–	–	–	–	–
1992	2	–	–	–	–	1	–	–
acres, 1997	–	–	–	–	–	–	–	–
1992	(D)	–	–	–	–	(D)	–	–
1997 farms by acres harvested:								
1 to 24 acres	209	32	20	350	25	227	65	59
25 to 99 acres	85	1	4	133	3	76	14	6
100 to 249 acres	4	–	–	3	–	4	3	1
250 to 499 acres	–	–	–	–	–	–	–	–
500 acres or more	–	–	–	–	–	–	–	–
Soybeans for beans ..... farms, 1997	634	417	366	269	381	757	606	666
1992	469	455	409	130	435	713	638	730
acres, 1997	59 798	65 171	80 177	19 886	88 909	106 567	116 055	136 722
1992	28 857	58 167	73 268	5 817	85 631	71 972	92 524	115 613
bushels, 1997	3 031 817	3 156 027	3 188 662	978 026	3 754 538	4 933 635	5 016 295	5 543 406
1992	1 266 958	2 572 017	2 919 157	228 774	3 590 459	3 009 908	3 841 602	4 990 597
Irrigated ..... farms, 1997	–	4	–	–	–	–	4	–
1992	–	–	–	–	2	–	1	1
acres, 1997	–	305	–	–	–	–	389	–
1992	–	–	–	–	(D)	–	(D)	(D)
1997 farms by acres harvested:								
1 to 24 acres	95	54	20	55	10	105	61	34
25 to 99 acres	339	147	95	159	86	315	190	190
100 to 249 acres	157	132	128	42	130	215	196	233
250 to 499 acres	37	65	90	10	123	83	113	159
500 acres or more	6	19	33	3	32	39	46	50

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop		Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Harvested cropland	farms, 1997	495	679	678	656	705	748	742	746
	1992	533	761	747	780	784	850	858	824
	acres, 1997	233 070	297 213	289 061	194 659	317 421	304 229	299 363	302 447
	1992	230 305	306 071	280 902	206 313	290 657	289 686	280 091	294 151
Irrigated	farms, 1997	12	7	3	2	5	8	6	59
	1992	13	6	–	7	2	8	10	72
	acres, 1997	(D)	1 207	3	(D)	(D)	480	(D)	20 699
	1992	(D)	(D)	–	664	(D)	775	155	17 371
Corn for grain or seed	farms, 1997	413	612	602	522	632	699	653	632
	1992	474	710	700	658	729	812	792	714
	acres, 1997	110 761	147 897	150 400	93 504	165 490	164 212	158 864	149 889
	1992	116 365	155 469	157 377	108 494	157 833	170 059	165 980	160 373
	bushels, 1997	14 469 622	20 074 105	20 669 062	10 880 772	23 069 007	22 787 740	20 236 600	19 072 729
	1992	17 164 062	25 097 189	24 257 243	15 136 795	24 820 722	24 434 863	26 165 456	23 697 759
Irrigated	farms, 1997	7	6	–	1	1	6	2	52
	1992	7	2	–	5	1	3	1	60
	acres, 1997	1 143	581	–	(D)	(D)	384	(D)	12 170
	1992	1 230	(D)	–	381	(D)	580	(D)	12 002
1997 farms by acres harvested:									
1 to 24 acres		27	28	25	64	27	28	44	41
25 to 99 acres		102	151	148	171	157	171	164	165
100 to 249 acres		116	204	235	159	211	255	214	213
250 to 499 acres		105	170	121	93	150	170	150	144
500 acres or more		63	59	73	35	87	75	81	69
Corn for silage or green chop	farms, 1997	11	31	34	48	11	62	38	46
	1992	13	27	37	43	12	58	62	53
	acres, 1997	491	1 096	831	951	324	1 225	1 177	1 291
	1992	274	1 052	1 065	954	526	1 209	1 266	1 614
	tons, green, 1997	9 290	18 117	14 364	12 694	5 964	21 772	18 108	19 119
	1992	5 185	20 698	19 193	12 529	9 770	21 879	25 169	26 501
Irrigated	farms, 1997	–	2	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–	–
	acres, 1997	–	(D)	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–	–
1997 farms by acres harvested:									
1 to 24 acres		4	17	25	36	8	43	22	29
25 to 99 acres		6	10	8	11	2	19	15	14
100 to 249 acres		1	4	1	1	1	–	1	3
250 to 499 acres		–	–	–	–	–	–	–	–
500 acres or more		–	–	–	–	–	–	–	–
Wheat for grain	farms, 1997	14	2	4	3	–	–	–	12
	1992	18	4	4	4	1	3	–	20
	acres, 1997	372	(D)	144	120	–	–	–	474
	1992	1 304	63	(D)	185	(D)	24	–	494
	bushels, 1997	12 973	(D)	6 907	1 420	–	–	–	16 546
	1992	41 717	3 294	1 173	4 350	(D)	1 420	–	17 074
Irrigated	farms, 1997	–	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–	–
	acres, 1997	–	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–	–
1997 farms by acres harvested:									
1 to 24 acres		8	2	2	1	–	–	–	5
25 to 99 acres		6	–	2	2	–	–	–	6
100 to 249 acres		–	–	–	–	–	–	–	1
250 to 499 acres		–	–	–	–	–	–	–	–
500 acres or more		–	–	–	–	–	–	–	–
Oats for grain	farms, 1997	7	47	55	91	41	66	43	31
	1992	12	89	138	171	64	132	87	82
	acres, 1997	97	652	1 032	1 855	791	887	682	477
	1992	349	1 372	2 193	3 347	1 018	2 159	1 511	1 868
	bushels, 1997	6 224	48 736	81 105	118 338	60 860	61 818	51 139	32 574
	1992	22 706	102 203	164 046	191 294	74 972	173 059	107 508	121 431
Irrigated	farms, 1997	–	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–	–
	acres, 1997	–	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–	–
1997 farms by acres harvested:									
1 to 24 acres		7	41	47	67	32	60	37	25
25 to 99 acres		–	6	7	23	9	6	6	6
100 to 249 acres		–	–	1	1	–	–	–	–
250 to 499 acres		–	–	–	–	–	–	–	–
500 acres or more		–	–	–	–	–	–	–	–
Soybeans for beans	farms, 1997	435	614	604	509	625	680	637	621
	1992	466	697	678	587	695	742	712	673
	acres, 1997	116 362	146 025	133 983	86 225	149 441	136 208	135 692	143 116
	1992	107 307	145 964	116 583	77 719	131 490	113 878	108 001	121 278
	bushels, 1997	4 914 240	6 527 512	6 594 050	3 411 149	6 576 120	5 650 708	5 989 969	6 050 247
	1992	4 517 695	6 742 552	5 501 079	3 201 502	6 051 647	4 586 171	4 924 807	5 291 972
Irrigated	farms, 1997	5	6	–	1	1	1	–	35
	1992	4	2	–	5	1	1	–	25
	acres, 1997	427	578	–	(D)	(D)	(D)	–	8 218
	1992	762	(D)	–	219	(D)	(D)	–	5 075
1997 farms by acres harvested:									
1 to 24 acres		22	32	31	65	26	34	42	47
25 to 99 acres		120	149	164	184	159	198	177	168
100 to 249 acres		126	211	232	137	227	252	233	212
250 to 499 acres		104	161	125	91	141	150	134	123
500 acres or more		63	61	52	32	72	46	51	71

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop		Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
Harvested cropland	farms, 1997	653	708	547	537	742	957	996	565
	1992	698	761	618	635	857	1 089	1 143	631
	acres, 1997	166 383	216 902	239 060	205 956	213 273	166 492	318 965	139 078
	1992	157 639	198 178	248 840	213 378	207 091	169 830	306 533	142 535
Irrigated	farms, 1997	2	2	–	2	3	8	6	5
	1992	4	5	3	1	5	14	13	4
	acres, 1997	(D)	(D)	–	(D)	(D)	(D)	(D)	(D)
	1992	9	172	(D)	(D)	(D)	284	786	7
Corn for grain or seed	farms, 1997	499	606	510	493	614	787	834	405
	1992	556	676	588	591	735	902	981	485
	acres, 1997	85 642	105 511	120 221	104 446	112 493	91 247	157 636	61 740
	1992	88 721	110 243	132 946	119 617	126 689	98 101	172 180	69 702
	bushels, 1997	11 322 611	14 286 924	17 080 777	13 720 056	14 753 816	11 575 597	21 615 987	8 058 776
	1992	12 409 536	12 841 876	21 056 659	17 025 671	15 437 381	11 095 970	24 563 637	9 295 383
Irrigated	farms, 1997	1	–	–	–	–	2	1	1
	1992	–	1	1	–	1	4	4	–
	acres, 1997	(D)	–	–	–	–	(D)	(D)	(D)
	1992	–	(D)	(D)	–	(D)	188	657	–
1997 farms by acres harvested:									
1 to 24 acres		71	56	16	28	61	149	86	78
25 to 99 acres		161	237	121	137	216	326	252	130
100 to 249 acres		163	205	192	175	209	228	269	116
250 to 499 acres		83	61	133	105	87	62	171	55
500 acres or more		21	47	48	48	41	22	56	26
Corn for silage or green chop	farms, 1997	33	165	32	73	92	181	60	30
	1992	45	162	36	56	111	240	77	50
	acres, 1997	728	4 216	805	2 302	2 739	4 910	1 880	602
	1992	1 179	4 153	1 202	2 228	3 357	5 752	2 344	1 811
	tons, green, 1997	10 340	68 763	14 250	34 014	44 028	74 131	32 095	7 845
	1992	22 158	57 293	23 068	29 356	43 433	75 012	40 860	24 434
Irrigated	farms, 1997	–	–	–	–	–	2	–	–
	1992	–	–	–	–	–	–	–	–
	acres, 1997	–	–	–	–	–	(D)	–	–
	1992	–	–	–	–	–	–	–	–
1997 farms by acres harvested:									
1 to 24 acres		22	104	23	45	53	108	46	21
25 to 99 acres		10	56	8	25	32	69	10	9
100 to 249 acres		1	4	1	3	7	3	2	–
250 to 499 acres		–	1	–	–	–	1	2	–
500 acres or more		–	–	–	–	–	–	–	–
Wheat for grain	farms, 1997	14	5	–	–	7	12	1	30
	1992	21	3	1	7	7	21	7	48
	acres, 1997	599	206	–	–	427	387	(D)	866
	1992	1 013	(D)	(D)	100	97	861	199	1 744
	bushels, 1997	31 766	10 735	–	–	22 465	14 020	(D)	39 440
	1992	46 440	(D)	(D)	5 030	3 511	29 691	5 900	50 461
Irrigated	farms, 1997	–	–	–	–	–	–	–	–
	1992	–	1	–	–	–	–	–	–
	acres, 1997	–	–	–	–	–	–	–	–
	1992	–	(D)	–	–	–	–	–	–
1997 farms by acres harvested:									
1 to 24 acres		9	3	–	–	3	10	–	21
25 to 99 acres		4	1	–	–	3	1	1	7
100 to 249 acres		–	1	–	–	–	–	–	1
250 to 499 acres		1	–	–	–	1	1	–	1
500 acres or more		–	–	–	–	–	–	–	–
Oats for grain	farms, 1997	64	165	33	64	167	370	161	96
	1992	74	243	67	179	259	491	313	113
	acres, 1997	995	3 137	440	1 175	3 601	8 205	3 668	1 787
	1992	1 201	5 158	1 181	3 512	6 159	11 068	7 042	2 366
	bushels, 1997	73 738	215 038	34 905	86 328	261 835	531 135	242 757	104 230
	1992	68 066	316 453	91 067	291 997	338 214	577 991	447 956	106 731
Irrigated	farms, 1997	–	–	–	–	–	1	–	–
	1992	–	–	–	1	2	3	–	–
	acres, 1997	–	–	–	–	–	(D)	–	–
	1992	–	–	–	(D)	(D)	56	–	–
1997 farms by acres harvested:									
1 to 24 acres		52	126	28	49	118	263	112	74
25 to 99 acres		12	39	5	15	48	100	47	21
100 to 249 acres		–	–	–	–	1	7	1	1
250 to 499 acres		–	–	–	–	–	–	1	–
500 acres or more		–	–	–	–	–	–	–	–
Soybeans for beans	farms, 1997	483	557	498	466	573	271	790	403
	1992	481	544	573	561	575	193	845	438
	acres, 1997	70 786	92 922	117 554	91 543	76 935	18 686	138 711	62 066
	1992	58 009	66 955	112 373	80 300	50 270	8 890	104 081	52 899
	bushels, 1997	3 378 591	4 004 292	5 297 769	4 130 035	3 789 169	905 042	6 745 742	2 764 056
	1992	2 587 985	2 223 899	5 104 867	3 480 110	1 974 300	361 996	4 646 848	2 231 406
Irrigated	farms, 1997	2	–	–	–	1	–	–	2
	1992	–	–	1	–	–	–	2	–
	acres, 1997	(D)	–	–	–	(D)	–	–	(D)
	1992	–	–	(D)	–	–	–	(D)	–
1997 farms by acres harvested:									
1 to 24 acres		69	48	10	16	72	67	79	56
25 to 99 acres		206	235	126	153	253	145	260	154
100 to 249 acres		123	170	183	170	176	50	266	114
250 to 499 acres		65	65	134	89	52	8	136	56
500 acres or more		20	39	45	38	20	1	49	23

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Harvested cropland ..... farms, 1997	1 009	841	715	1 278	672	1 167	474	513
1992	1 085	931	810	1 490	780	1 338	502	523
acres, 1997	202 934	233 100	193 893	528 869	156 755	257 566	146 959	76 807
1992	202 620	223 868	195 808	537 860	165 453	260 797	142 036	76 475
Irrigated ..... farms, 1997	20	3	–	8	12	23	34	1
1992	11	7	2	6	14	36	22	–
acres, 1997	771	(D)	–	614	939	189	5 015	(D)
1992	(D)	(D)	(D)	587	(D)	(D)	4 443	–
Corn for grain or seed ..... farms, 1997	778	716	588	1 201	496	877	382	278
1992	880	830	695	1 435	593	1 038	434	298
acres, 1997	98 460	135 485	98 836	278 774	74 928	128 793	75 216	23 535
1992	113 861	144 168	114 181	302 923	83 928	142 449	80 765	27 861
bushels, 1997	13 131 480	18 643 910	13 620 395	39 434 946	10 047 204	17 834 588	9 413 450	2 903 555
1992	14 789 964	18 741 223	14 649 702	45 409 171	11 753 910	19 338 493	10 802 648	3 335 836
Irrigated ..... farms, 1997	3	1	–	5	3	2	20	–
1992	1	2	1	3	5	4	18	–
acres, 1997	(D)	(D)	–	402	(D)	(D)	2 677	–
1992	(D)	(D)	(D)	504	1 104	(D)	2 927	–
1997 farms by acres harvested:								
1 to 24 acres	163	66	71	32	92	133	33	85
25 to 99 acres	289	231	193	278	170	360	100	112
100 to 249 acres	207	209	191	478	126	235	149	66
250 to 499 acres	91	165	97	303	88	97	74	10
500 acres or more	28	45	36	110	20	52	26	5
Corn for silage or green chop ..... farms, 1997	126	144	45	104	71	132	29	32
1992	154	183	57	96	96	164	32	43
acres, 1997	2 239	3 595	913	3 180	2 054	2 695	550	693
1992	2 614	5 661	1 488	2 813	2 423	3 783	500	1 317
tons, green, 1997	37 334	59 973	15 904	55 595	46 521	47 341	8 500	10 929
1992	40 762	83 447	20 840	57 024	46 179	58 763	6 731	15 914
Irrigated ..... farms, 1997	–	–	–	–	1	–	–	–
1992	–	–	–	–	2	1	–	–
acres, 1997	–	–	–	–	(D)	–	–	–
1992	–	–	–	–	(D)	(D)	–	–
1997 farms by acres harvested:								
1 to 24 acres	111	97	34	61	51	99	23	21
25 to 99 acres	13	42	10	34	16	30	6	11
100 to 249 acres	1	5	1	9	2	3	–	–
250 to 499 acres	1	–	–	–	2	–	–	–
500 acres or more	–	–	–	–	–	–	–	–
Wheat for grain ..... farms, 1997	25	1	12	–	90	10	20	4
1992	18	6	30	1	131	6	18	7
acres, 1997	1 116	(D)	273	–	2 057	412	298	311
1992	838	133	826	(D)	3 282	153	606	82
bushels, 1997	57 974	(D)	13 949	–	102 235	17 663	12 915	8 480
1992	41 651	6 380	39 213	(D)	129 937	6 545	27 881	3 230
Irrigated ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
acres, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
1997 farms by acres harvested:								
1 to 24 acres	8	–	8	–	68	4	17	–
25 to 99 acres	15	1	4	–	19	4	3	2
100 to 249 acres	2	–	–	–	3	2	–	2
250 to 499 acres	–	–	–	–	–	–	–	–
500 acres or more	–	–	–	–	–	–	–	–
Oats for grain ..... farms, 1997	249	185	99	125	57	211	40	70
1992	352	341	138	216	79	331	55	76
acres, 1997	5 060	4 069	2 121	1 667	783	3 903	660	1 599
1992	7 917	7 599	2 575	3 184	1 146	6 810	725	2 501
bushels, 1997	346 153	239 383	137 785	126 349	49 481	273 494	48 156	97 986
1992	449 934	415 520	139 713	254 803	56 260	401 075	37 971	134 749
Irrigated ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
acres, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
1997 farms by acres harvested:								
1 to 24 acres	181	123	71	108	51	165	31	48
25 to 99 acres	65	60	28	17	6	42	9	21
100 to 249 acres	3	1	–	–	–	4	–	1
250 to 499 acres	–	1	–	–	–	–	–	–
500 acres or more	–	–	–	–	–	–	–	–
Soybeans for beans ..... farms, 1997	629	553	550	1 172	458	790	372	242
1992	634	514	592	1 329	537	817	396	233
acres, 1997	76 018	70 527	80 464	242 432	63 556	105 898	65 965	24 159
1992	57 227	45 045	61 882	226 397	60 541	89 318	55 621	18 711
bushels, 1997	3 596 929	3 504 748	3 972 982	10 333 066	3 053 380	4 948 400	2 957 729	1 052 973
1992	2 318 277	1 902 785	2 508 961	9 445 398	2 644 265	3 755 015	2 358 933	702 313
Irrigated ..... farms, 1997	1	–	–	2	2	1	22	–
1992	–	–	–	1	3	1	7	–
acres, 1997	(D)	–	–	(D)	(D)	(D)	1 770	–
1992	–	–	–	(D)	384	(D)	856	–
1997 farms by acres harvested:								
1 to 24 acres	122	66	74	33	75	141	20	52
25 to 99 acres	257	233	192	329	179	334	124	115
100 to 249 acres	169	179	190	479	117	203	147	59
250 to 499 acres	61	61	70	255	70	67	62	11
500 acres or more	20	14	24	76	17	45	19	5

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop		Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Harvested cropland	farms, 1997	961	793	807	733	736	430	700	589
	1992	1 002	879	921	857	839	500	724	717
	acres, 1997	293 762	163 603	230 111	171 369	260 604	181 401	230 307	276 942
	1992	279 865	157 113	222 125	162 365	244 553	188 833	218 886	286 468
Irrigated	farms, 1997	7	5	4	7	6	3	6	102
	1992	23	8	8	11	10	4	3	108
	acres, 1997	515	(D)	(D)	55	8	(D)	(D)	40 838
	1992	1 251	(D)	(D)	280	38	664	3	37 781
Corn for grain or seed	farms, 1997	850	520	681	526	614	348	627	515
	1992	923	660	800	667	745	424	667	647
	acres, 1997	141 720	68 946	117 711	77 621	130 504	87 047	121 677	140 004
	1992	144 479	74 784	123 143	79 467	149 890	99 293	126 071	161 113
	bushels, 1997	18 010 906	8 287 469	15 931 605	9 769 902	17 459 458	11 355 107	17 520 175	16 747 695
	1992	18 493 448	10 045 059	17 119 766	10 441 414	22 158 940	14 904 460	16 498 024	22 148 419
Irrigated	farms, 1997	5	–	1	–	–	2	2	91
	1992	9	–	1	1	–	2	–	104
	acres, 1997	344	–	(D)	–	–	(D)	(D)	28 019
	1992	731	–	(D)	(D)	–	(D)	–	26 123
1997 farms by acres harvested:									
1 to 24 acres		33	108	75	109	54	18	70	29
25 to 99 acres		285	199	208	176	172	72	174	140
100 to 249 acres		355	134	246	150	189	125	222	146
250 to 499 acres		149	53	112	64	140	86	114	122
500 acres or more		28	26	40	27	59	47	47	78
Corn for silage or green chop	farms, 1997	216	60	99	39	43	10	157	63
	1992	251	55	127	56	56	9	181	74
	acres, 1997	7 138	2 022	2 648	1 079	1 371	267	6 614	2 045
	1992	7 815	1 795	2 970	1 276	1 788	418	6 873	2 683
	tons, green, 1997	125 483	23 178	48 193	18 344	25 643	4 120	109 208	28 577
	1992	129 333	26 039	45 842	18 194	29 483	8 145	110 093	44 346
Irrigated	farms, 1997	1	–	–	–	–	–	–	–
	1992	2	–	–	1	–	–	–	–
	acres, 1997	(D)	–	–	–	–	–	–	–
	1992	(D)	–	–	(D)	–	–	–	–
1997 farms by acres harvested:									
1 to 24 acres		115	38	67	23	27	7	77	27
25 to 99 acres		90	18	27	14	13	3	63	32
100 to 249 acres		11	3	4	2	3	–	15	4
250 to 499 acres		–	1	1	–	–	–	1	–
500 acres or more		–	–	–	–	–	–	1	–
Wheat for grain	farms, 1997	11	6	4	7	5	14	1	7
	1992	3	2	4	7	6	12	2	19
	acres, 1997	336	204	131	199	46	588	(D)	457
	1992	65	(D)	91	254	80	309	(D)	1 214
	bushels, 1997	10 980	5 498	5 660	7 850	1 855	19 193	(D)	12 282
	1992	(D)	(D)	(D)	8 495	3 390	9 745	(D)	43 068
Irrigated	farms, 1997	–	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–	–
	acres, 1997	–	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–	–
1997 farms by acres harvested:									
1 to 24 acres		6	3	2	3	5	1	–	5
25 to 99 acres		5	3	2	4	–	13	1	1
100 to 249 acres		–	–	–	–	–	–	–	–
250 to 499 acres		–	–	–	–	–	–	–	1
500 acres or more		–	–	–	–	–	–	–	–
Oats for grain	farms, 1997	127	63	130	105	52	18	154	38
	1992	247	114	222	162	126	38	208	97
	acres, 1997	2 443	1 225	2 362	2 184	963	374	3 355	1 001
	1992	4 689	2 078	3 902	3 250	2 356	939	4 902	2 392
	bushels, 1997	188 765	68 586	172 213	146 320	69 749	24 397	255 537	70 362
	1992	375 054	124 046	227 887	188 947	153 534	57 241	332 992	183 299
Irrigated	farms, 1997	–	–	–	–	–	–	–	–
	1992	2	–	–	–	–	–	–	1
	acres, 1997	–	–	–	–	–	–	–	–
	1992	(D)	–	–	–	–	–	–	(D)
1997 farms by acres harvested:									
1 to 24 acres		104	46	109	77	42	14	108	25
25 to 99 acres		21	17	20	27	10	4	43	12
100 to 249 acres		2	–	1	1	–	–	3	1
250 to 499 acres		–	–	–	–	–	–	–	–
500 acres or more		–	–	–	–	–	–	–	–
Soybeans for beans	farms, 1997	837	533	643	521	616	369	586	486
	1992	882	556	700	582	624	410	563	563
	acres, 1997	134 236	67 246	94 723	71 549	120 612	89 756	92 807	123 734
	1992	112 706	54 995	78 645	58 986	83 474	84 285	75 467	110 765
	bushels, 1997	6 032 759	2 764 953	4 584 281	3 205 697	5 965 650	3 761 142	4 202 974	5 018 939
	1992	4 481 809	2 329 063	3 312 531	2 470 255	3 862 406	3 590 627	2 986 614	4 751 636
Irrigated	farms, 1997	1	–	–	–	–	1	1	69
	1992	5	–	–	1	1	1	–	55
	acres, 1997	(D)	–	–	–	–	(D)	(D)	12 700
	1992	217	–	–	(D)	(D)	(D)	–	11 514
1997 farms by acres harvested:									
1 to 24 acres		42	106	74	104	59	15	69	29
25 to 99 acres		291	217	234	201	200	98	191	148
100 to 249 acres		349	132	223	132	174	120	208	138
250 to 499 acres		130	55	86	60	129	90	97	110
500 acres or more		25	23	26	24	54	46	21	61

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop		Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Harvested cropland	farms, 1997	578	471	625	879	573	674	698	1 235
	1992	575	546	691	1 010	655	812	779	1 360
	acres, 1997	83 216	171 618	169 909	314 232	214 077	204 034	289 010	410 249
	1992	74 121	167 462	164 397	309 290	222 804	208 542	288 764	400 880
Irrigated	farms, 1997	1	2	41	4	7	8	27	9
	1992	2	2	42	5	4	9	26	12
	acres, 1997	(D)	(D)	(D)	(D)	717	187	(D)	(D)
	1992	(D)	(D)	4 251	(D)	(D)	1 400	3 962	1 930
Corn for grain or seed	farms, 1997	311	401	503	816	531	537	636	1 104
	1992	335	494	589	948	619	699	725	1 232
	acres, 1997	27 028	80 630	86 570	152 787	103 308	90 619	145 977	205 499
	1992	27 399	84 282	92 569	156 380	110 386	100 327	154 748	223 661
	bushels, 1997	3 303 128	10 422 485	10 895 561	20 691 261	12 776 047	11 625 835	20 192 212	25 290 584
	1992	3 039 084	12 176 184	12 401 552	21 602 540	14 268 380	14 180 949	22 770 028	30 908 110
Irrigated	farms, 1997	–	–	24	–	7	2	23	7
	1992	–	–	21	1	4	–	21	6
	acres, 1997	–	–	3 065	–	439	(D)	2 803	1 185
	1992	–	–	2 138	(D)	493	–	3 168	1 595
1997 farms by acres harvested:									
1 to 24 acres		84	36	68	26	14	41	24	82
25 to 99 acres		140	114	166	212	166	190	155	313
100 to 249 acres		69	139	156	366	210	171	227	444
250 to 499 acres		15	75	76	179	111	111	175	211
500 acres or more		3	37	37	33	30	24	55	54
Corn for silage or green chop	farms, 1997	44	27	57	92	74	42	63	148
	1992	64	22	60	97	71	42	49	140
	acres, 1997	1 208	746	2 078	2 396	3 406	1 061	2 006	5 619
	1992	2 321	760	1 738	2 729	2 167	1 065	1 132	5 054
	tons, green, 1997	23 497	11 538	37 415	39 282	54 973	18 744	32 423	79 062
	1992	31 783	13 334	29 186	47 676	34 279	16 915	22 798	73 268
Irrigated	farms, 1997	–	–	–	–	–	–	1	1
	1992	–	–	–	–	–	–	–	–
	acres, 1997	–	–	–	–	–	–	(D)	(D)
	1992	–	–	–	–	–	–	–	–
1997 farms by acres harvested:									
1 to 24 acres		29	19	31	60	42	26	34	89
25 to 99 acres		13	6	21	28	22	16	24	45
100 to 249 acres		2	2	4	4	8	–	5	11
250 to 499 acres		–	–	1	–	2	–	–	3
500 acres or more		–	–	–	–	–	–	–	–
Wheat for grain	farms, 1997	8	3	15	2	2	14	–	2
	1992	8	5	9	–	3	28	1	7
	acres, 1997	280	(D)	333	(D)	(D)	390	–	(D)
	1992	346	383	199	–	293	906	(D)	379
	bushels, 1997	6 022	(D)	13 798	(D)	(D)	13 802	–	(D)
	1992	19 105	6 690	6 767	–	12 230	22 892	(D)	18 352
Irrigated	farms, 1997	–	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–	–
	acres, 1997	–	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–	–
1997 farms by acres harvested:									
1 to 24 acres		4	2	10	2	2	9	–	2
25 to 99 acres		4	–	5	–	–	5	–	–
100 to 249 acres		–	1	–	–	–	–	–	–
250 to 499 acres		–	–	–	–	–	–	–	–
500 acres or more		–	–	–	–	–	–	–	–
Oats for grain	farms, 1997	39	25	117	83	54	39	53	180
	1992	46	61	135	147	107	82	101	371
	acres, 1997	907	590	2 076	874	859	851	1 051	3 820
	1992	1 279	1 196	2 637	1 981	1 671	1 874	1 752	9 704
	bushels, 1997	68 377	39 752	142 806	75 884	71 130	46 566	76 188	278 996
	1992	60 446	68 673	148 021	167 645	151 919	104 535	142 614	720 220
Irrigated	farms, 1997	–	–	–	–	1	–	–	–
	1992	–	–	–	–	–	–	–	1
	acres, 1997	–	–	–	–	(D)	–	–	–
	1992	–	–	–	–	–	–	–	(D)
1997 farms by acres harvested:									
1 to 24 acres		26	16	90	80	48	26	45	143
25 to 99 acres		11	9	26	3	6	13	6	34
100 to 249 acres		2	–	1	–	–	–	2	2
250 to 499 acres		–	–	–	–	–	–	–	1
500 acres or more		–	–	–	–	–	–	–	–
Soybeans for beans	farms, 1997	310	397	462	830	539	557	633	1 050
	1992	255	456	487	935	621	672	694	1 123
	acres, 1997	26 580	79 948	69 398	155 109	104 755	96 650	138 121	183 410
	1992	15 675	71 154	56 839	145 046	107 196	89 871	129 639	151 940
	bushels, 1997	1 164 628	3 481 395	3 169 940	7 274 306	4 385 453	4 262 924	6 024 714	8 177 213
	1992	547 125	2 991 085	2 305 151	6 237 170	4 210 212	3 778 184	5 611 434	6 697 405
Irrigated	farms, 1997	–	–	20	2	4	–	14	6
	1992	–	–	14	–	2	–	11	2
	acres, 1997	–	–	1 944	(D)	268	–	1 289	1 006
	1992	–	–	800	–	(D)	–	631	(D)
1997 farms by acres harvested:									
1 to 24 acres		68	36	66	33	15	44	21	68
25 to 99 acres		159	117	171	225	172	194	164	314
100 to 249 acres		66	130	138	354	218	171	238	444
250 to 499 acres		11	81	64	182	102	123	158	183
500 acres or more		6	33	23	36	32	25	52	41

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
Harvested cropland ..... farms, 1997	738	643	1 129	709	505	713	703	809
1992	871	717	1 258	812	573	852	801	953
acres, 1997	330 852	184 859	436 604	230 161	114 558	298 271	194 545	287 342
1992	320 421	187 257	432 137	231 967	118 635	294 926	191 452	289 366
Irrigated ..... farms, 1997	7	20	17	3	1	7	11	5
1992	5	21	28	1	–	7	26	3
acres, 1997	107	112	1 864	3	(D)	(D)	640	20
1992	(D)	417	3 067	(D)	–	(D)	(D)	168
Corn for grain or seed ..... farms, 1997	703	442	957	607	318	659	585	748
1992	829	534	1 128	712	419	800	695	897
acres, 1997	163 570	90 408	217 327	108 723	37 393	145 454	114 405	151 012
1992	165 258	97 081	242 311	122 666	47 187	154 463	128 200	175 692
bushels, 1997	23 291 520	13 423 582	27 608 524	14 714 637	3 916 927	19 097 215	15 877 875	18 995 077
1992	25 063 386	14 878 392	36 053 220	15 842 341	5 502 285	22 931 866	18 175 509	24 218 298
Irrigated ..... farms, 1997	2	–	8	1	–	2	–	–
1992	2	1	14	–	–	4	2	2
acres, 1997	(D)	–	1 685	(D)	–	(D)	–	–
1992	(D)	(D)	2 555	–	–	516	(D)	(D)
1997 farms by acres harvested:								
1 to 24 acres	29	65	77	51	71	33	63	28
25 to 99 acres	154	136	217	214	124	180	180	196
100 to 249 acres	257	120	319	198	88	257	191	309
250 to 499 acres	205	71	252	106	24	135	101	169
500 acres or more	58	50	92	38	11	54	50	46
Corn for silage or green chop ..... farms, 1997	32	18	85	61	39	65	60	62
1992	44	22	124	74	33	63	83	59
acres, 1997	644	558	2 518	1 794	1 180	2 601	1 521	1 055
1992	1 366	551	3 052	1 976	1 056	2 166	2 326	1 444
tons, green, 1997	11 480	8 455	38 421	33 281	17 769	47 796	25 221	18 718
1992	24 019	9 500	56 378	33 983	12 673	38 459	38 082	19 594
Irrigated ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
acres, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
1997 farms by acres harvested:								
1 to 24 acres	22	10	58	45	19	39	40	48
25 to 99 acres	10	8	23	12	18	19	17	14
100 to 249 acres	–	–	2	4	2	5	3	–
250 to 499 acres	–	–	2	–	–	1	–	–
500 acres or more	–	–	–	–	–	1	–	–
Wheat for grain ..... farms, 1997	1	4	13	4	8	3	8	4
1992	–	3	14	1	11	11	5	2
acres, 1997	(D)	93	422	70	273	143	149	112
1992	–	81	287	(D)	445	264	107	(D)
bushels, 1997	(D)	4 381	18 827	2 460	6 082	5 708	7 029	4 780
1992	–	2 675	9 927	(D)	15 877	10 286	3 922	(D)
Irrigated ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
acres, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
1997 farms by acres harvested:								
1 to 24 acres	1	1	9	4	6	–	6	2
25 to 99 acres	–	3	2	–	–	3	2	2
100 to 249 acres	–	–	2	–	2	–	–	–
250 to 499 acres	–	–	–	–	–	–	–	–
500 acres or more	–	–	–	–	–	–	–	–
Oats for grain ..... farms, 1997	52	22	57	165	70	110	116	108
1992	82	63	176	284	83	182	162	298
acres, 1997	842	435	1 467	3 609	1 971	1 980	1 613	2 158
1992	1 414	1 035	4 069	7 158	2 919	3 597	2 482	6 128
bushels, 1997	69 278	28 390	98 944	246 498	106 689	139 693	135 561	168 691
1992	112 033	63 054	280 524	390 718	135 375	304 168	166 606	452 754
Irrigated ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
acres, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
1997 farms by acres harvested:								
1 to 24 acres	45	15	38	110	41	87	103	78
25 to 99 acres	5	7	16	55	26	21	13	29
100 to 249 acres	2	–	3	–	3	2	–	1
250 to 499 acres	–	–	–	–	–	–	–	–
500 acres or more	–	–	–	–	–	–	–	–
Soybeans for beans ..... farms, 1997	698	448	923	584	344	642	522	716
1992	818	487	1 016	622	356	762	562	806
acres, 1997	164 947	87 971	201 459	97 123	42 564	141 008	70 605	124 143
1992	152 808	81 765	168 779	78 149	33 620	126 791	50 011	95 989
bushels, 1997	7 554 633	4 004 990	8 771 176	4 615 495	1 709 042	6 521 868	3 635 063	5 783 806
1992	6 644 547	3 571 654	7 317 541	3 270 771	1 201 579	5 586 906	2 304 683	4 131 874
Irrigated ..... farms, 1997	2	–	2	–	–	1	–	–
1992	1	1	4	–	–	–	–	–
acres, 1997	(D)	–	(D)	–	–	(D)	–	–
1992	(D)	(D)	345	–	–	–	–	–
1997 farms by acres harvested:								
1 to 24 acres	21	55	52	61	61	27	50	50
25 to 99 acres	160	166	252	215	150	172	227	219
100 to 249 acres	242	107	311	185	86	259	164	282
250 to 499 acres	211	73	229	91	37	131	65	135
500 acres or more	64	47	79	32	10	53	16	30

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop		Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Harvested cropland	farms, 1997	1 432	837	940	556	506	622	606	953
	1992	1 597	892	1 132	635	562	636	659	1 033
	acres, 1997	432 087	304 609	300 427	147 591	106 685	114 335	118 662	165 153
	1992	416 245	283 490	297 407	140 091	109 504	108 272	112 143	166 704
Irrigated	farms, 1997	47	22	6	–	8	1	4	8
	1992	41	14	10	1	2	10	3	7
	acres, 1997	(D)	325	91	–	152	(D)	(D)	255
	1992	(D)	125	375	(D)	(D)	59	3	53
Corn for grain or seed	farms, 1997	1 277	705	794	402	346	396	331	541
	1992	1 473	784	971	528	437	463	406	694
	acres, 1997	221 167	153 984	153 862	55 711	40 234	44 270	48 851	69 439
	1992	237 825	151 920	174 699	66 630	49 369	44 565	51 736	79 661
	bushels, 1997	29 821 449	21 728 167	20 175 618	6 284 662	4 538 654	5 537 637	6 408 454	9 036 378
	1992	32 900 770	23 212 655	24 071 148	8 014 094	6 143 927	5 768 183	6 815 170	10 284 074
Irrigated	farms, 1997	40	4	–	–	3	–	–	1
	1992	29	2	2	–	–	2	–	–
	acres, 1997	5 479	150	–	–	(D)	–	–	(D)
	1992	4 475	(D)	(D)	–	–	(D)	–	–
1997 farms by acres harvested:									
1 to 24 acres		71	65	87	63	83	108	79	131
25 to 99 acres		411	233	233	171	125	141	95	206
100 to 249 acres		519	187	272	109	83	94	86	116
250 to 499 acres		222	148	143	44	47	44	56	66
500 acres or more		54	72	59	15	8	9	15	22
Corn for silage or green chop	farms, 1997	290	36	67	25	36	46	21	66
	1992	310	41	87	26	32	65	27	71
	acres, 1997	15 016	1 428	1 462	632	898	966	555	1 430
	1992	11 635	1 398	2 734	547	730	1 034	1 109	1 997
	tons, green, 1997	246 669	24 063	24 714	7 792	10 790	21 089	9 618	22 524
	1992	189 136	27 338	38 859	6 327	8 975	13 811	17 934	23 078
Irrigated	farms, 1997	2	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–	–
	acres, 1997	(D)	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–	–
1997 farms by acres harvested:									
1 to 24 acres		108	24	52	18	22	35	13	47
25 to 99 acres		137	9	14	5	13	9	7	18
100 to 249 acres		40	2	1	2	1	2	1	–
250 to 499 acres		4	1	–	–	–	–	–	1
500 acres or more		1	–	–	–	–	–	–	–
Wheat for grain	farms, 1997	13	6	–	17	4	13	11	4
	1992	3	9	4	15	3	73	11	5
	acres, 1997	374	78	–	616	166	232	199	88
	1992	167	167	153	543	96	1 510	676	62
	bushels, 1997	17 243	3 992	–	19 209	5 680	8 088	8 940	2 234
	1992	8 482	11 323	6 498	15 372	4 132	65 243	18 398	2 780
Irrigated	farms, 1997	–	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–	–
	acres, 1997	–	–	–	–	–	–	–	–
	1992	–	–	–	–	–	–	–	–
1997 farms by acres harvested:									
1 to 24 acres		8	5	–	7	1	9	7	2
25 to 99 acres		4	1	–	8	2	4	4	2
100 to 249 acres		1	–	–	2	1	–	–	–
250 to 499 acres		–	–	–	–	–	–	–	–
500 acres or more		–	–	–	–	–	–	–	–
Oats for grain	farms, 1997	123	57	156	52	95	71	48	75
	1992	289	68	249	86	122	98	53	103
	acres, 1997	2 329	804	2 437	1 428	2 894	1 163	1 113	1 261
	1992	6 476	901	4 545	2 088	3 395	1 612	1 042	1 838
	bushels, 1997	190 048	60 090	163 720	73 925	158 143	71 813	91 043	74 212
	1992	532 378	48 203	251 471	102 207	188 747	68 263	58 079	87 381
Irrigated	farms, 1997	–	–	–	–	–	–	–	–
	1992	–	–	–	–	1	–	–	–
	acres, 1997	–	–	–	–	–	–	–	–
	1992	–	–	–	–	(D)	–	–	–
1997 farms by acres harvested:									
1 to 24 acres		99	51	131	37	50	56	39	55
25 to 99 acres		24	6	25	13	42	15	8	20
100 to 249 acres		–	–	–	1	3	–	–	–
250 to 499 acres		–	–	–	1	–	–	1	–
500 acres or more		–	–	–	–	–	–	–	–
Soybeans for beans	farms, 1997	1 213	688	738	440	303	365	320	544
	1992	1 287	737	840	464	363	381	339	593
	acres, 1997	183 844	145 726	130 656	70 062	40 063	44 647	51 014	67 793
	1992	148 868	125 600	100 454	51 422	33 191	36 824	42 352	56 485
	bushels, 1997	8 786 442	6 578 229	6 185 159	2 725 607	1 636 565	2 043 426	2 332 218	2 935 310
	1992	6 583 633	5 723 470	4 257 560	1 917 682	1 270 116	1 511 190	1 721 757	2 275 847
Irrigated	farms, 1997	22	2	3	–	1	–	–	2
	1992	8	1	1	–	–	–	–	1
	acres, 1997	2 279	(D)	(D)	–	(D)	–	–	(D)
	1992	828	(D)	(D)	–	–	–	–	(D)
1997 farms by acres harvested:									
1 to 24 acres		78	60	76	63	41	71	69	140
25 to 99 acres		470	228	226	184	133	151	105	208
100 to 249 acres		453	189	261	119	83	92	71	116
250 to 499 acres		178	152	135	45	37	39	54	55
500 acres or more		34	59	40	29	9	12	21	25

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Harvested cropland ..... farms, 1997	851	576	849	510	1 116	1 015	498	641
1992	916	618	949	584	1 273	1 032	562	744
acres, 1997	234 397	129 229	374 565	214 360	230 401	365 559	196 909	318 484
1992	223 302	126 823	357 814	197 469	221 182	310 103	187 748	312 831
Irrigated ..... farms, 1997	2	2	9	3	10	44	3	1
1992	4	5	6	2	5	32	8	1
acres, 1997	(D)	(D)	87	3	170	7 782	402	(D)
1992	5	46	64	(D)	(D)	6 352	482	(D)
Corn for grain or seed ..... farms, 1997	731	340	762	438	964	808	433	600
1992	812	435	883	530	1 158	859	504	716
acres, 1997	115 938	42 337	183 897	118 378	116 778	186 237	102 966	162 707
1992	127 681	52 001	181 453	121 575	121 761	192 504	108 012	167 733
bushels, 1997	15 924 901	4 448 082	25 972 338	16 976 038	15 888 053	21 430 318	14 324 472	22 388 449
1992	16 655 738	6 003 312	28 419 824	17 000 885	14 463 240	26 663 576	14 258 316	26 222 277
Irrigated ..... farms, 1997	2	1	1	–	3	24	2	–
1992	–	–	1	–	–	15	5	–
acres, 1997	(D)	(D)	(D)	–	(D)	4 211	(D)	–
1992	–	–	(D)	–	–	4 613	479	–
1997 farms by acres harvested:								
1 to 24 acres	101	76	32	31	163	86	18	30
25 to 99 acres	222	128	191	98	382	193	120	126
100 to 249 acres	261	85	281	123	322	265	122	189
250 to 499 acres	114	38	168	124	67	172	122	162
500 acres or more	33	13	90	62	30	92	51	93
Corn for silage or green chop ..... farms, 1997	74	34	35	37	419	117	46	10
1992	89	44	26	44	512	80	52	13
acres, 1997	1 307	1 009	916	1 139	11 245	4 170	952	518
1992	1 726	1 386	967	1 064	12 075	3 240	1 183	320
tons, green, 1997	20 954	10 673	16 210	18 374	189 559	66 556	14 984	5 054
1992	23 814	16 988	18 130	20 197	179 507	48 050	18 747	5 680
Irrigated ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	1	–	–	–
acres, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	(D)	–	–	–
1997 farms by acres harvested:								
1 to 24 acres	56	16	21	27	267	71	35	5
25 to 99 acres	18	17	12	8	138	38	9	3
100 to 249 acres	–	1	2	1	13	6	2	2
250 to 499 acres	–	–	–	1	1	1	–	–
500 acres or more	–	–	–	–	–	1	–	–
Wheat for grain ..... farms, 1997	33	15	–	–	5	6	2	–
1992	44	6	5	1	5	5	–	–
acres, 1997	973	1 141	–	–	541	342	(D)	–
1992	900	580	27	(D)	84	375	–	–
bushels, 1997	44 799	37 588	–	–	(D)	11 210	(D)	–
1992	42 135	33 820	1 026	(D)	3 795	10 040	–	–
Irrigated ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
acres, 1997	–	–	–	–	–	–	–	–
1992	–	–	–	–	–	–	–	–
1997 farms by acres harvested:								
1 to 24 acres	24	6	–	–	3	2	–	–
25 to 99 acres	8	7	–	–	–	3	2	–
100 to 249 acres	–	1	–	–	1	1	–	–
250 to 499 acres	1	1	–	–	1	–	–	–
500 acres or more	–	–	–	–	–	–	–	–
Oats for grain ..... farms, 1997	150	63	47	68	436	77	78	29
1992	217	58	96	85	673	176	119	50
acres, 1997	2 492	1 607	1 182	1 218	9 128	1 616	1 384	431
1992	4 421	1 579	2 085	1 220	15 039	5 415	1 733	664
bushels, 1997	176 073	70 613	87 895	85 972	569 231	113 371	92 260	30 812
1992	232 375	64 174	133 138	87 876	816 162	461 645	122 622	52 241
Irrigated ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	1	–	–	–	–	–	–
acres, 1997	–	–	–	–	–	–	–	–
1992	–	(D)	–	–	–	–	–	–
1997 farms by acres harvested:								
1 to 24 acres	121	43	33	52	317	59	66	25
25 to 99 acres	28	20	12	16	114	18	10	4
100 to 249 acres	1	–	2	–	5	–	2	–
250 to 499 acres	–	–	–	–	–	–	–	–
500 acres or more	–	–	–	–	–	–	–	–
Soybeans for beans ..... farms, 1997	678	343	773	420	556	753	431	583
1992	705	355	863	449	348	690	464	680
acres, 1997	101 882	47 379	186 828	90 667	46 832	162 550	89 667	154 492
1992	77 777	37 444	173 398	71 897	17 569	97 748	73 918	143 500
bushels, 1997	4 928 949	1 851 706	8 373 468	3 844 415	2 097 700	6 467 355	3 862 387	6 429 191
1992	3 390 420	1 294 169	7 663 843	2 794 128	609 512	4 243 826	2 875 019	6 277 200
Irrigated ..... farms, 1997	–	1	1	–	1	18	1	–
1992	–	–	–	–	–	7	–	–
acres, 1997	–	(D)	(D)	–	(D)	3 289	(D)	–
1992	–	–	–	–	–	1 507	–	–
1997 farms by acres harvested:								
1 to 24 acres	80	64	43	27	115	63	29	20
25 to 99 acres	245	146	185	118	288	246	125	132
100 to 249 acres	232	75	276	148	121	248	131	187
250 to 499 acres	94	39	174	87	24	134	122	159
500 acres or more	27	19	95	40	8	62	24	85

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997	37 711	477	310	604	547	314	531
1992	44 768	578	405	745	614	354	585
acres, 1997	1 575 777	29 518	17 579	46 505	42 032	11 928	16 617
1992	1 762 425	32 256	20 921	54 540	42 066	12 347	19 191
tons, dry, 1997	4 365 999	74 369	42 047	141 091	94 117	30 146	50 271
1992	5 107 237	100 424	51 485	171 742	92 669	38 705	59 184
Irrigated ..... farms, 1997	85	–	–	–	–	–	1
1992	131	1	–	2	1	–	3
acres, 1997	1 372	–	–	–	–	–	(D)
1992	1 906	(D)	–	(D)	(D)	–	32
1997 farms by acres harvested:							
1 to 24 acres	18 434	136	94	114	127	155	299
25 to 99 acres	15 422	262	162	324	270	134	207
100 to 249 acres	3 472	68	46	148	130	23	24
250 to 499 acres	334	8	7	16	15	1	–
500 acres or more	49	3	1	2	5	1	1

Crop	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997	298	281	381	459	209	361	172
1992	376	328	468	526	243	434	213
acres, 1997	7 482	5 695	10 917	11 177	3 976	8 199	3 051
1992	8 577	6 579	13 908	14 789	4 935	10 721	4 213
tons, dry, 1997	22 096	14 792	31 852	30 585	12 090	20 126	6 843
1992	20 480	17 766	40 286	39 252	15 549	28 472	12 105
Irrigated ..... farms, 1997	–	2	1	2	–	–	–
1992	2	–	–	2	1	–	1
acres, 1997	–	(D)	(D)	(D)	–	–	–
1992	(D)	–	–	(D)	(D)	–	(D)
1997 farms by acres harvested:							
1 to 24 acres	225	198	225	311	163	242	132
25 to 99 acres	64	80	141	139	41	117	40
100 to 249 acres	7	3	15	8	5	2	–
250 to 499 acres	1	–	–	1	–	–	–
500 acres or more	1	–	–	–	–	–	–

Crop	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997	390	436	399	190	329	397	426
1992	487	504	504	201	381	472	477
acres, 1997	9 929	18 971	12 479	3 529	8 698	12 699	27 253
1992	13 976	21 545	13 924	4 690	10 179	14 891	31 549
tons, dry, 1997	29 525	44 310	43 208	8 161	21 682	35 786	65 303
1992	48 903	63 361	44 909	11 580	32 848	39 810	76 672
Irrigated ..... farms, 1997	–	2	1	–	–	1	2
1992	2	–	–	1	1	2	1
acres, 1997	–	(D)	(D)	–	–	(D)	(D)
1992	(D)	–	–	(D)	(D)	(D)	(D)
1997 farms by acres harvested:							
1 to 24 acres	265	176	228	145	214	213	119
25 to 99 acres	114	210	151	42	110	166	225
100 to 249 acres	10	49	19	3	4	17	71
250 to 499 acres	1	1	1	–	–	1	11
500 acres or more	–	–	–	–	1	–	–

Crop	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997	184	980	494	529	330	585	434
1992	247	1 153	643	680	376	671	445
acres, 1997	5 110	62 403	16 826	17 750	9 022	38 475	34 924
1992	4 806	69 924	18 956	22 381	10 108	41 289	35 511
tons, dry, 1997	10 164	194 102	52 120	50 206	25 600	89 751	78 230
1992	14 490	229 879	62 055	71 769	27 974	98 689	78 702
Irrigated ..... farms, 1997	1	1	1	2	–	1	1
1992	–	4	–	–	1	2	3
acres, 1997	(D)	(D)	(D)	(D)	–	(D)	(D)
1992	–	33	–	–	(D)	(D)	6
1997 farms by acres harvested:							
1 to 24 acres	123	277	282	282	217	181	118
25 to 99 acres	48	476	181	216	99	289	195
100 to 249 acres	13	210	30	30	13	93	99
250 to 499 acres	–	16	1	–	–	20	17
500 acres or more	–	1	–	1	1	2	5

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997	690	239	132	1 021	98	626	270	187
1992	854	304	190	1 200	149	739	310	252
acres, 1997	33 361	6 693	6 612	67 863	2 189	30 546	6 496	4 558
1992	40 829	8 516	6 686	73 580	3 417	34 176	6 563	6 915
tons, dry, 1997	104 823	19 458	15 898	222 645	5 078	98 313	14 717	10 549
1992	127 794	24 703	20 529	258 710	9 145	110 947	17 298	19 066
Irrigated ..... farms, 1997	–	–	–	–	–	1	1	–
1992	4	3	–	5	–	2	1	2
acres, 1997	–	–	–	–	–	(D)	(D)	–
1992	(D)	15	–	56	–	(D)	(D)	(D)
1997 farms by acres harvested:								
1 to 24 acres	258	153	76	251	70	257	180	141
25 to 99 acres	350	78	44	534	26	282	80	39
100 to 249 acres	78	8	8	216	2	79	10	5
250 to 499 acres	4	–	2	19	–	8	–	2
500 acres or more	–	–	2	1	–	–	–	–

Crop	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997	212	201	209	391	153	194	206	332
1992	201	252	263	486	164	229	293	388
acres, 1997	6 173	5 243	4 261	15 548	2 839	3 775	4 441	9 972
1992	5 766	5 717	5 733	20 026	2 324	5 083	5 326	11 462
tons, dry, 1997	16 964	14 222	12 535	35 890	6 699	9 619	12 100	29 367
1992	17 221	16 614	17 068	53 318	5 793	14 903	15 342	33 506
Irrigated ..... farms, 1997	–	3	–	–	–	1	–	2
1992	1	2	–	5	–	–	–	4
acres, 1997	–	40	–	–	–	(D)	–	(D)
1992	(D)	(D)	–	58	–	–	–	74
1997 farms by acres harvested:								
1 to 24 acres	125	130	163	186	121	139	147	186
25 to 99 acres	78	64	40	169	27	53	56	131
100 to 249 acres	9	6	6	33	5	2	3	14
250 to 499 acres	–	1	–	3	–	–	–	1
500 acres or more	–	–	–	–	–	–	–	–

Crop	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997	326	355	107	247	453	779	574	357
1992	368	405	139	347	578	900	734	414
acres, 1997	10 114	13 389	1 983	8 205	20 944	49 004	21 078	13 924
1992	9 888	14 833	3 031	10 393	25 048	50 651	25 565	18 194
tons, dry, 1997	25 993	36 346	4 955	24 329	64 559	160 275	69 462	35 237
1992	26 545	42 997	8 364	37 077	70 457	159 170	75 241	45 079
Irrigated ..... farms, 1997	–	–	–	2	–	6	1	1
1992	–	2	1	–	1	3	–	1
acres, 1997	–	–	–	(D)	–	61	(D)	(D)
1992	–	(D)	(D)	–	(D)	(D)	–	(D)
1997 farms by acres harvested:								
1 to 24 acres	197	174	85	123	187	222	281	158
25 to 99 acres	111	149	20	111	221	404	254	167
100 to 249 acres	16	32	2	12	39	137	38	30
250 to 499 acres	2	–	–	1	5	16	–	2
500 acres or more	–	–	–	–	1	–	1	–

Crop	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997	634	534	374	225	415	648	183	444
1992	698	652	455	376	485	774	219	452
acres, 1997	23 739	24 448	15 280	5 278	16 084	18 870	4 447	29 048
1992	25 554	26 799	18 708	7 408	18 918	22 965	5 691	28 708
tons, dry, 1997	72 724	77 258	47 276	10 820	46 121	52 697	13 560	73 960
1992	75 427	86 684	51 507	22 093	49 966	61 308	16 604	66 259
Irrigated ..... farms, 1997	3	–	–	2	–	2	3	–
1992	–	2	–	–	2	2	3	–
acres, 1997	(D)	–	–	(D)	–	(D)	26	–
1992	–	(D)	–	–	(D)	(D)	28	–
1997 farms by acres harvested:								
1 to 24 acres	312	226	153	170	201	393	122	147
25 to 99 acres	276	252	192	49	176	221	57	205
100 to 249 acres	41	48	28	4	38	32	4	78
250 to 499 acres	5	8	1	2	–	2	–	12
500 acres or more	–	–	–	–	–	–	–	2

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop		Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1997	457	583	432	495	299	192	262	219
	1992	534	627	531	545	416	221	296	279
	acres, 1997	11 619	26 757	15 911	22 706	8 873	5 470	8 439	8 812
	1992	13 329	26 972	17 376	22 145	11 109	5 680	8 452	10 210
	tons, dry, 1997	34 013	64 629	50 351	58 528	27 084	15 654	20 915	25 170
	1992	46 086	77 089	52 221	60 300	30 862	15 154	23 226	32 491
Irrigated	farms, 1997	2	–	–	3	–	–	–	4
	1992	4	4	1	3	1	1	–	2
	acres, 1997	(D)	–	–	44	–	–	–	50
	1992	122	100	(D)	9	(D)	(D)	–	(D)
1997 farms by acres harvested:									
1 to 24 acres		296	250	210	234	164	118	159	97
25 to 99 acres		151	269	193	207	126	64	85	101
100 to 249 acres		10	59	26	46	8	9	15	20
250 to 499 acres		–	3	3	7	1	1	3	–
500 acres or more		–	2	–	1	–	–	–	1

Crop		Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1997	478	291	331	262	151	443	153	526
	1992	495	322	359	353	247	505	206	650
	acres, 1997	28 845	11 540	10 183	5 279	3 363	17 790	3 468	15 857
	1992	29 977	11 970	11 130	5 967	4 493	17 183	3 949	16 324
	tons, dry, 1997	77 593	29 678	31 493	13 691	7 758	47 591	7 722	41 539
	1992	77 319	35 382	34 083	19 746	14 436	44 516	11 149	60 506
Irrigated	farms, 1997	–	–	4	–	–	2	1	–
	1992	–	1	–	1	–	1	2	1
	acres, 1997	–	–	40	–	–	(D)	(D)	–
	1992	–	(D)	–	(D)	–	(D)	(D)	(D)
1997 farms by acres harvested:									
1 to 24 acres		153	125	207	201	104	171	118	316
25 to 99 acres		222	141	107	56	44	233	28	186
100 to 249 acres		95	25	15	4	3	39	6	21
250 to 499 acres		7	–	2	1	–	–	1	2
500 acres or more		1	–	–	–	–	–	–	1

Crop		Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1997	136	241	567	488	410	259	303	407
	1992	176	283	656	589	464	349	398	491
	acres, 1997	2 115	6 972	16 109	24 242	32 329	7 289	7 618	12 260
	1992	3 032	6 748	18 754	26 990	36 511	9 973	9 461	14 662
	tons, dry, 1997	4 636	16 409	46 271	75 394	72 991	20 305	23 455	36 632
	1992	8 486	19 504	58 993	85 405	92 935	32 159	30 751	50 286
Irrigated	farms, 1997	–	3	–	–	–	2	1	1
	1992	1	1	–	1	–	2	1	–
	acres, 1997	–	33	–	–	–	(D)	(D)	(D)
	1992	(D)	(D)	–	(D)	–	(D)	(D)	–
1997 farms by acres harvested:									
1 to 24 acres		107	170	324	192	107	165	194	237
25 to 99 acres		29	59	224	248	187	85	101	152
100 to 249 acres		–	8	18	43	91	8	8	15
250 to 499 acres		–	4	1	2	24	1	–	2
500 acres or more		–	–	–	3	1	–	–	1

Crop		Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1997	485	264	493	388	403	475	420	675
	1992	645	300	644	428	438	489	435	726
	acres, 1997	13 090	5 459	16 290	21 584	25 525	25 354	18 609	27 207
	1992	16 503	6 382	19 964	23 075	25 851	24 723	17 645	29 547
	tons, dry, 1997	38 891	16 024	51 012	51 419	57 426	64 850	44 351	75 368
	1992	61 828	16 971	57 684	55 763	71 746	56 798	37 947	81 734
Irrigated	farms, 1997	3	4	1	–	1	–	1	1
	1992	8	1	2	1	–	2	–	3
	acres, 1997	53	(D)	(D)	–	(D)	–	(D)	(D)
	1992	172	(D)	(D)	(D)	–	(D)	–	43
1997 farms by acres harvested:									
1 to 24 acres		323	202	273	125	137	168	169	320
25 to 99 acres		142	55	190	196	190	235	205	287
100 to 249 acres		18	6	29	65	69	63	41	63
250 to 499 acres		2	1	1	1	6	8	4	5
500 acres or more		–	–	–	1	1	1	1	–

Table 13. **Selected Crops Harvested: 1997 and 1992**—Con.

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

Crop	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1997..	438	477	176	124	884	458	184	119
1992..	495	506	219	149	1 081	457	237	147
acres, 1997..	13 534	39 231	3 113	3 609	50 154	14 289	3 571	2 163
1992..	17 016	37 879	3 417	2 977	62 309	13 051	4 300	2 144
tons, dry, 1997..	38 502	92 896	9 181	8 814	159 400	32 559	8 037	4 745
1992..	47 238	87 450	10 370	7 828	192 850	42 452	12 723	6 275
Irrigated ..... farms, 1997..	–	–	–	–	2	2	–	–
1992..	1	4	–	1	2	1	–	1
acres, 1997..	–	–	–	–	(D)	(D)	–	–
1992..	(D)	26	–	(D)	(D)	(D)	–	(D)
1997 farms by acres harvested:								
1 to 24 acres	226	96	138	89	282	237	136	99
25 to 99 acres	196	231	37	30	451	197	46	17
100 to 249 acres	15	135	1	4	140	23	2	3
250 to 499 acres	1	14	–	–	11	1	–	–
500 acres or more	–	1	–	1	–	–	–	–

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**

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

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
INVENTORY							
Cattle and calves ..... farms, 1997	38 435	507	359	642	537	276	514
1992	43 610	581	436	766	583	314	561
number, 1997	3 647 129	53 168	39 603	68 945	42 971	32 920	40 399
1992	3 963 602	56 938	39 983	80 171	43 828	37 028	62 890
Farms by inventory:							
1 to 9 ..... farms, 1997	3 947	21	29	38	41	11	82
1992	4 202	29	22	38	55	27	72
number, 1997	20 656	99	140	197	224	67	449
1992	22 146	135	111	206	(D)	170	379
10 to 19 ..... farms, 1997	4 362	49	32	42	53	30	61
1992	5 169	46	49	56	67	35	58
number, 1997	61 603	699	476	581	809	419	828
1992	73 279	680	691	759	963	513	834
20 to 49 ..... farms, 1997	10 787	121	99	120	167	76	157
1992	12 192	153	123	157	180	74	172
number, 1997	351 175	3 995	3 392	4 045	5 396	2 571	5 092
1992	396 986	5 270	4 101	5 344	5 891	2 477	5 703
50 to 99 ..... farms, 1997	8 960	141	80	170	130	80	106
1992	10 635	168	126	202	133	72	132
number, 1997	626 095	9 803	5 636	11 699	9 387	5 745	7 374
1992	744 290	11 933	8 673	14 372	9 699	4 945	8 955
100 to 199 ..... farms, 1997	6 468	114	78	181	103	44	78
1992	7 243	127	71	217	114	65	80
number, 1997	876 908	15 709	10 436	24 864	13 757	5 825	10 408
1992	979 168	16 849	9 542	30 389	15 569	8 740	10 585
200 to 499 ..... farms, 1997	3 085	51	32	86	39	25	21
1992	3 355	47	39	87	32	28	38
number, 1997	880 609	14 305	9 334	23 529	10 687	7 389	5 648
1992	944 117	13 242	11 030	23 647	8 883	8 922	10 627
500 or more ..... farms, 1997	826	10	9	5	4	10	9
1992	814	11	6	9	2	13	9
number, 1997	830 083	8 558	10 189	4 030	2 711	10 904	10 600
1992	803 616	8 829	5 835	5 454	(D)	11 261	25 807
Cows and heifers that had calved ..... farms, 1997	30 804	459	326	557	505	210	403
1992	34 593	529	410	672	547	232	441
number, 1997	1 251 314	23 463	16 541	32 144	23 886	9 065	12 778
1992	1 324 669	25 104	18 072	36 056	24 104	9 421	13 973
Beef cows ..... farms, 1997	27 452	456	326	382	502	206	380
1992	29 987	523	408	457	541	228	406
number, 1997	1 029 172	23 167	16 364	16 971	23 488	8 875	10 749
1992	1 065 744	24 237	17 897	18 891	23 722	9 227	11 654
1997 farms by inventory:							
1 to 9 ..... farms	4 760	43	36	47	63	26	88
number	24 110	(D)	(D)	214	367	(D)	(D)
10 to 19 ..... farms	5 713	67	37	56	83	32	85
number	79 654	966	545	812	1 207	438	1 187
20 to 49 ..... farms	10 338	176	135	154	178	88	145
number	316 566	5 690	4 258	4 874	5 522	2 793	4 365
50 to 99 ..... farms	4 747	117	79	83	119	48	53
number	310 803	7 889	5 126	5 472	7 932	3 096	3 272
100 to 199 ..... farms	1 556	45	31	39	47	11	8
number	193 971	5 648	3 877	4 899	5 756	1 377	938
200 to 499 ..... farms	310	7	7	3	12	–	–
number	79 922	1 709	1 786	700	2 704	–	–
500 or more ..... farms	28	1	1	–	–	1	1
number	24 146	(D)	(D)	–	–	(D)	(D)
Milk cows ..... farms, 1997	4 208	10	9	230	17	4	28
1992	5 878	24	13	319	24	10	47
number, 1997	222 142	296	177	15 173	398	190	2 029
1992	258 925	867	175	17 165	382	194	2 319
1997 farms by inventory:							
1 to 9 ..... farms	488	3	5	10	7	1	1
number	1 691	(D)	31	(D)	(D)	(D)	(D)
10 to 19 ..... farms	396	1	1	6	2	–	1
number	5 610	(D)	(D)	90	(D)	–	(D)
20 to 49 ..... farms	1 465	5	2	71	5	1	7
number	49 704	173	(D)	2 496	155	(D)	260
50 to 99 ..... farms	1 418	–	1	112	3	1	14
number	93 962	–	(D)	7 372	205	(D)	986
100 to 199 ..... farms	353	1	–	24	–	1	4
number	43 405	(D)	–	2 895	–	(D)	438
200 to 499 ..... farms	80	–	–	6	–	–	1
number	21 369	–	–	1 592	–	–	(D)
500 or more ..... farms	8	–	–	1	–	–	–
number	6 401	–	–	(D)	–	–	–
Heifers and heifer calves ..... farms, 1997	28 885	405	262	517	399	214	392
1992	33 405	467	345	625	466	230	428
number, 1997	1 026 132	13 346	10 428	18 542	9 507	8 797	10 394
1992	1 108 654	13 487	9 234	22 044	9 409	10 882	10 684
1997 farms by inventory:							
1 to 9 ..... farms	10 195	113	77	106	147	59	172
number	47 832	591	378	533	701	316	750
10 to 19 ..... farms	6 853	102	64	116	99	56	107
number	91 888	1 409	883	1 596	1 327	790	1 457
20 to 49 ..... farms	7 291	129	80	156	112	59	70
number	217 994	3 798	2 416	4 773	3 262	1 663	2 014
50 to 99 ..... farms	2 750	47	22	111	33	19	27
number	179 687	3 146	1 387	7 125	2 183	(D)	1 677
100 to 199 ..... farms	1 052	8	10	22	3	11	10
number	137 330	988	1 408	2 912	337	1 361	1 379
200 to 499 ..... farms	544	3	6	6	5	9	3
number	156 870	1 164	2 057	1 603	1 697	2 882	886
500 or more ..... farms	200	3	3	–	–	1	3
number	194 531	2 250	1 899	–	–	(D)	2 231

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
INVENTORY							
Cattle and calves ..... farms, 1997	267	235	405	497	205	370	182
1992	339	265	521	537	210	428	213
number, 1997	16 541	17 195	24 501	28 189	22 926	21 885	21 054
1992	20 966	23 687	33 683	28 925	23 882	26 677	20 491
Farms by inventory:							
1 to 9 ..... farms, 1997	43	46	61	74	25	51	27
1992	62	48	72	53	35	52	25
number, 1997	232	257	317	336	116	270	126
1992	(D)	228	(D)	283	178	265	123
10 to 19 ..... farms, 1997	48	43	65	72	25	53	26
1992	59	43	75	98	27	68	28
number, 1997	660	614	923	1 037	315	774	386
1992	792	577	1 033	1 361	356	1 045	396
20 to 49 ..... farms, 1997	93	71	119	189	61	128	50
1992	102	68	146	219	55	139	65
number, 1997	2 903	2 297	3 596	5 822	1 857	4 156	1 685
1992	3 219	2 208	4 581	6 933	1 733	4 232	2 170
50 to 99 ..... farms, 1997	40	40	73	89	42	82	28
1992	59	45	119	92	30	109	44
number, 1997	2 643	2 728	5 038	5 984	2 970	5 569	1 965
1992	4 062	3 184	8 564	6 606	1 992	7 511	2 918
100 to 199 ..... farms, 1997	28	18	69	52	28	40	31
1992	39	32	86	55	32	43	26
number, 1997	4 011	2 502	9 646	6 895	3 896	5 416	3 982
1992	5 061	4 413	11 731	6 976	4 440	5 495	3 914
200 to 499 ..... farms, 1997	12	10	16	17	19	14	11
1992	16	21	22	16	25	12	19
number, 1997	3 331	3 113	(D)	5 153	5 503	(D)	3 591
1992	4 774	6 085	5 574	4 032	7 873	3 812	5 701
500 or more ..... farms, 1997	3	7	2	4	5	2	9
1992	2	8	1	4	6	5	6
number, 1997	2 761	5 684	(D)	2 962	8 269	(D)	9 319
1992	(D)	6 992	(D)	2 734	7 310	4 317	5 269
Cows and heifers that had calved ..... farms, 1997	179	194	276	377	157	274	124
1992	213	197	367	406	152	295	148
number, 1997	5 058	5 954	9 195	9 264	4 913	7 179	3 997
1992	5 199	5 807	12 162	10 069	4 839	8 049	4 323
Beef cows ..... farms, 1997	149	191	176	244	155	236	124
1992	174	185	186	226	144	226	144
number, 1997	3 567	5 850	3 797	5 479	4 592	5 352	(D)
1992	3 223	5 571	4 043	5 420	4 368	4 889	4 193
1997 farms by inventory:							
1 to 9 ..... farms	41	62	62	64	41	62	29
number	182	338	(D)	(D)	(D)	(D)	(D)
10 to 19 ..... farms	44	41	59	85	27	66	24
number	600	624	781	1 170	363	925	322
20 to 49 ..... farms	47	63	38	73	63	88	44
number	1 363	1 841	1 096	2 127	1 878	2 415	1 408
50 to 99 ..... farms	10	17	16	15	19	14	21
number	636	1 142	1 033	814	1 242	826	1 292
100 to 199 ..... farms	7	3	–	6	4	5	6
number	786	300	–	816	573	673	828
200 to 499 ..... farms	–	5	–	1	1	1	–
number	–	1 605	–	(D)	(D)	(D)	–
500 or more ..... farms	–	–	1	–	–	–	–
number	–	–	(D)	–	–	–	–
Milk cows ..... farms, 1997	32	6	111	150	4	44	1
1992	50	14	194	204	12	76	8
number, 1997	1 491	104	5 398	3 785	321	1 827	(D)
1992	1 976	236	8 119	4 649	471	3 160	130
1997 farms by inventory:							
1 to 9 ..... farms	5	3	10	44	1	4	1
number	(D)	5	38	(D)	(D)	(D)	(D)
10 to 19 ..... farms	6	1	7	49	–	5	–
number	96	(D)	113	637	–	68	–
20 to 49 ..... farms	9	2	46	38	1	21	–
number	278	(D)	1 640	1 271	(D)	673	–
50 to 99 ..... farms	10	–	42	14	–	12	–
number	673	–	2 925	997	–	773	–
100 to 199 ..... farms	1	–	6	4	2	1	–
number	(D)	–	682	432	(D)	(D)	–
200 to 499 ..... farms	1	–	–	1	–	1	–
number	(D)	–	–	(D)	–	(D)	–
500 or more ..... farms	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–
Heifers and heifer calves ..... farms, 1997	177	172	293	348	148	266	142
1992	228	191	387	412	151	314	151
number, 1997	4 330	5 292	6 859	8 597	6 205	5 811	5 824
1992	5 199	7 530	10 416	7 730	6 913	8 460	6 058
1997 farms by inventory:							
1 to 9 ..... farms	75	96	122	154	57	125	51
number	299	384	496	748	258	591	215
10 to 19 ..... farms	42	37	61	88	34	58	28
number	551	507	801	1 181	444	750	360
20 to 49 ..... farms	42	18	63	69	29	54	39
number	1 254	506	1 990	2 016	876	1 603	1 048
50 to 99 ..... farms	10	9	39	30	11	22	4
number	623	(D)	2 598	2 026	(D)	1 434	247
100 to 199 ..... farms	3	7	7	1	11	4	13
number	370	1 055	(D)	(D)	1 615	588	1 756
200 to 499 ..... farms	5	3	1	5	4	3	7
number	1 233	1 038	(D)	(D)	915	845	2 198
500 or more ..... farms	–	2	–	1	2	–	–
number	–	(D)	–	(D)	(D)	–	–

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
INVENTORY							
Cattle and calves ..... farms, 1997	389	440	395	170	368	426	449
1992	449	510	440	165	428	449	471
number, 1997	73 296	49 714	29 787	9 418	48 587	39 107	40 721
1992	72 902	54 055	32 448	9 397	50 783	35 827	38 628
Farms by inventory:							
1 to 9 ..... farms, 1997	34	35	52	48	27	52	38
1992	40	42	54	35	27	32	44
number, 1997	161	202	308	212	132	264	196
1992	235	238	277	(D)	161	169	236
10 to 19 ..... farms, 1997	32	41	47	19	30	39	33
1992	51	47	44	15	33	58	48
number, 1997	442	588	671	279	431	544	466
1992	680	646	670	211	475	791	729
20 to 49 ..... farms, 1997	111	139	110	50	101	123	134
1992	128	132	138	61	117	128	118
number, 1997	3 747	4 480	3 631	1 558	3 347	4 017	4 581
1992	4 170	4 536	4 581	2 007	3 894	4 286	3 944
50 to 99 ..... farms, 1997	80	84	97	29	87	108	122
1992	91	124	104	31	100	142	126
number, 1997	5 607	6 017	6 732	1 946	6 212	7 737	8 543
1992	6 197	8 358	7 063	2 103	7 064	10 358	8 694
100 to 199 ..... farms, 1997	59	81	62	16	64	67	80
1992	60	94	74	15	80	59	96
number, 1997	8 080	11 377	8 150	2 252	8 479	8 446	10 831
1992	8 269	12 722	10 118	2 195	11 360	7 623	12 526
200 to 499 ..... farms, 1997	36	45	25	6	40	26	34
1992	45	55	23	7	56	23	33
number, 1997	10 989	13 956	(D)	(D)	11 607	7 746	9 105
1992	12 672	14 790	6 505	1 601	16 032	6 222	8 410
500 or more ..... farms, 1997	37	15	2	2	19	11	8
1992	34	16	3	1	15	7	6
number, 1997	44 270	13 094	(D)	(D)	18 379	10 353	6 999
1992	40 679	12 765	3 234	(D)	11 797	6 378	4 089
Cows and heifers that had calved ..... farms, 1997	260	382	313	115	289	304	427
1992	289	442	351	128	312	321	438
number, 1997	9 809	17 033	10 590	3 190	11 484	12 007	20 485
1992	12 211	19 308	11 085	3 749	13 070	10 925	20 584
Beef cows ..... farms, 1997	253	376	294	104	274	216	422
1992	278	436	329	118	283	192	431
number, 1997	9 576	16 670	9 691	2 630	10 680	6 333	20 128
1992	11 870	18 918	10 185	3 346	11 519	5 043	20 117
1997 farms by inventory:							
1 to 9 ..... farms	34	52	54	31	32	42	52
number	162	(D)	260	118	(D)	188	(D)
10 to 19 ..... farms	58	60	58	27	63	56	62
number	814	831	808	380	870	806	879
20 to 49 ..... farms	101	143	125	32	105	87	169
number	3 019	4 346	3 790	932	3 231	2 503	5 249
50 to 99 ..... farms	44	85	44	11	54	24	94
number	2 857	5 708	2 869	847	3 555	1 583	6 210
100 to 199 ..... farms	12	31	10	3	19	3	36
number	1 472	3 773	1 310	353	2 622	348	4 612
200 to 499 ..... farms	4	4	3	–	1	4	8
number	1 252	960	654	–	(D)	905	2 337
500 or more ..... farms	–	1	–	–	–	–	1
number	–	(D)	–	–	–	–	(D)
Milk cows ..... farms, 1997	10	14	23	12	19	101	18
1992	14	16	31	12	38	146	19
number, 1997	233	363	899	560	804	5 674	357
1992	341	390	900	403	1 551	5 882	467
1997 farms by inventory:							
1 to 9 ..... farms	4	8	2	2	2	8	10
number	10	28	(D)	(D)	(D)	(D)	(D)
10 to 19 ..... farms	1	1	2	1	3	4	1
number	(D)	(D)	(D)	(D)	48	51	(D)
20 to 49 ..... farms	3	2	10	4	6	51	6
number	93	(D)	331	104	186	1 820	227
50 to 99 ..... farms	2	2	9	4	7	29	–
number	(D)	(D)	542	330	458	1 801	–
100 to 199 ..... farms	–	1	–	1	1	7	1
number	–	(D)	–	(D)	(D)	933	(D)
200 to 499 ..... farms	–	–	–	–	–	1	–
number	–	–	–	–	–	(D)	–
500 or more ..... farms	–	–	–	–	–	1	–
number	–	–	–	–	–	(D)	–
Heifers and heifer calves ..... farms, 1997	284	337	300	130	276	310	354
1992	352	404	337	128	332	337	356
number, 1997	30 611	14 796	8 790	2 520	16 491	11 857	9 719
1992	32 562	13 761	9 084	2 670	15 614	11 338	8 339
1997 farms by inventory:							
1 to 9 ..... farms	77	109	105	63	82	98	118
number	288	507	488	264	401	489	550
10 to 19 ..... farms	65	69	75	30	59	66	90
number	870	931	1 049	422	834	861	1 179
20 to 49 ..... farms	72	101	78	24	81	111	104
number	2 060	3 000	2 305	705	2 209	3 315	3 042
50 to 99 ..... farms	21	34	24	11	22	15	30
number	1 454	2 149	1 632	(D)	1 473	912	1 966
100 to 199 ..... farms	19	13	14	1	14	11	8
number	2 426	1 869	1 763	(D)	1 680	1 551	892
200 to 499 ..... farms	15	6	3	1	15	6	2
number	4 022	1 920	(D)	(D)	4 121	1 538	(D)
500 or more ..... farms	15	5	1	–	3	3	2
number	19 491	4 420	(D)	–	5 773	3 191	(D)

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
INVENTORY							
Cattle and calves ..... farms, 1997	176	955	564	608	274	584	462
1992	218	1 115	591	708	303	618	445
number, 1997	16 987	83 360	54 104	60 675	16 221	47 461	61 623
1992	22 729	100 245	59 168	64 294	20 857	43 295	47 773
Farms by inventory:							
1 to 9 ..... farms, 1997	21	69	86	40	47	38	32
1992	17	70	81	35	48	67	34
number, 1997	101	389	441	231	238	198	112
1992	97	400	419	186	221	347	175
10 to 19 ..... farms, 1997	18	104	64	81	42	73	45
1992	25	112	54	75	48	85	40
number, 1997	244	1 533	918	1 130	570	1 025	604
1992	359	1 641	746	1 087	699	1 286	584
20 to 49 ..... farms, 1997	43	231	145	173	92	204	125
1992	71	216	141	242	93	195	122
number, 1997	1 406	7 430	4 677	5 582	3 025	6 799	4 073
1992	2 214	7 277	4 469	8 040	3 178	6 224	4 050
50 to 99 ..... farms, 1997	49	223	112	134	46	131	115
1992	46	318	133	174	61	153	114
number, 1997	3 282	16 188	8 033	9 337	2 999	9 311	8 295
1992	3 119	22 606	9 252	11 809	4 001	10 718	8 117
100 to 199 ..... farms, 1997	26	246	88	118	32	90	92
1992	34	296	106	108	31	74	80
number, 1997	3 168	33 501	12 279	15 836	4 316	12 771	12 682
1992	4 286	39 003	14 602	14 474	4 336	9 799	11 274
200 to 499 ..... farms, 1997	13	74	58	49	12	42	41
1992	17	98	58	62	15	39	50
number, 1997	3 524	19 657	17 691	14 497	3 083	12 432	11 719
1992	5 147	26 095	17 039	19 010	3 947	10 725	15 318
500 or more ..... farms, 1997	6	8	11	13	3	6	12
1992	8	5	18	12	7	5	5
number, 1997	5 262	4 662	10 065	14 062	1 990	4 925	24 138
1992	7 507	3 223	12 641	9 688	4 475	4 196	8 255
Cows and heifers that had calved ..... farms, 1997	141	821	390	500	226	548	413
1992	160	942	389	588	243	561	411
number, 1997	5 770	37 870	15 367	19 940	6 478	23 204	23 477
1992	5 477	44 235	13 666	21 698	7 559	21 460	20 751
Beef cows ..... farms, 1997	138	489	354	490	222	491	407
1992	157	517	340	577	237	493	402
number, 1997	(D)	15 905	12 885	19 272	6 380	21 370	23 245
1992	5 358	17 624	10 612	20 667	7 309	19 722	20 380
1997 farms by inventory:							
1 to 9 ..... farms	24	91	73	62	53	80	43
number	(D)	510	348	311	(D)	405	(D)
10 to 19 ..... farms	23	127	79	108	56	91	67
number	316	1 793	1 103	1 496	793	1 276	956
20 to 49 ..... farms	59	171	130	181	73	166	128
number	1 864	5 215	3 718	5 552	2 089	5 286	4 096
50 to 99 ..... farms	21	76	51	106	27	105	112
number	1 262	4 901	3 381	6 916	1 735	6 936	7 658
100 to 199 ..... farms	6	19	18	25	12	40	44
number	849	2 309	2 066	3 073	1 272	4 921	5 334
200 to 499 ..... farms	5	5	2	8	1	9	11
number	1 260	1 177	(D)	1 924	(D)	2 546	2 644
500 or more ..... farms	–	–	1	–	–	–	2
number	–	–	(D)	–	–	–	(D)
Milk cows ..... farms, 1997	3	413	45	16	6	83	12
1992	4	545	60	33	10	106	23
number, 1997	(D)	21 965	2 482	668	98	1 834	232
1992	119	26 611	3 054	1 031	250	1 738	371
1997 farms by inventory:							
1 to 9 ..... farms	1	12	5	3	3	21	8
number	(D)	63	(D)	(D)	8	(D)	(D)
10 to 19 ..... farms	–	37	1	–	2	34	1
number	–	532	(D)	–	(D)	479	(D)
20 to 49 ..... farms	1	153	21	7	–	21	–
number	(D)	5 566	701	221	–	523	–
50 to 99 ..... farms	1	179	10	5	1	5	3
number	(D)	11 672	656	316	(D)	379	209
100 to 199 ..... farms	–	29	7	1	–	1	–
number	–	3 357	860	(D)	–	(D)	–
200 to 499 ..... farms	–	3	1	–	–	1	–
number	–	775	(D)	–	–	(D)	–
500 or more ..... farms	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–
Heifers and heifer calves ..... farms, 1997	130	772	412	448	216	468	373
1992	173	909	457	545	212	481	356
number, 1997	4 297	25 878	18 387	18 107	3 887	12 211	17 303
1992	5 791	30 211	20 323	17 000	4 904	10 091	13 303
1997 farms by inventory:							
1 to 9 ..... farms	46	194	156	139	119	160	124
number	236	972	669	686	508	801	618
10 to 19 ..... farms	33	145	86	116	48	131	92
number	454	1 974	1 142	1 531	632	1 716	1 240
20 to 49 ..... farms	34	257	74	122	29	126	104
number	989	8 050	2 287	3 712	860	3 630	3 126
50 to 99 ..... farms	9	141	43	32	18	33	28
number	577	8 922	2 745	2 013	(D)	2 091	1 843
100 to 199 ..... farms	5	31	28	23	1	12	16
number	721	3 957	3 588	2 875	(D)	1 639	1 891
200 to 499 ..... farms	2	1	22	11	–	5	6
number	(D)	(D)	6 407	3 102	–	(D)	(D)
500 or more ..... farms	1	3	3	5	1	1	3
number	(D)	(D)	1 549	4 188	(D)	(D)	(D)

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
INVENTORY								
Cattle and calves ..... farms, 1997	690	255	139	1 042	145	628	250	219
1992	833	270	174	1 159	157	764	299	233
number, 1997	70 399	15 343	26 846	112 144	18 909	59 268	15 921	19 252
1992	76 197	15 434	27 216	122 852	16 608	70 102	16 681	16 210
Farms by inventory:								
1 to 9 ..... farms, 1997	49	45	13	60	18	48	46	28
1992	57	41	27	72	25	62	65	40
number, 1997	272	235	71	333	79	246	236	141
1992	304	(D)	135	444	154	332	(D)	217
10 to 19 ..... farms, 1997	57	51	16	83	12	57	42	30
1992	72	49	13	87	15	60	55	31
number, 1997	830	699	231	1 141	148	762	605	437
1992	982	703	182	1 258	211	840	775	479
20 to 49 ..... farms, 1997	125	67	34	222	42	142	67	74
1992	184	83	46	201	37	174	85	73
number, 1997	4 171	2 155	1 159	7 348	1 289	4 765	2 098	2 386
1992	6 076	2 647	1 414	7 010	1 122	5 843	2 674	2 264
50 to 99 ..... farms, 1997	185	46	31	275	21	160	49	39
1992	232	54	34	319	36	221	52	41
number, 1997	13 164	3 022	2 068	19 794	1 497	11 190	3 422	2 762
1992	16 599	3 675	2 464	23 140	2 309	15 771	3 278	2 816
100 to 199 ..... farms, 1997	192	28	18	265	32	156	25	31
1992	215	26	21	337	22	174	20	33
number, 1997	25 894	3 431	2 313	35 123	4 388	21 313	3 471	4 067
1992	28 981	3 596	2 792	44 572	3 073	23 563	2 665	4 331
200 to 499 ..... farms, 1997	74	15	15	120	12	54	20	11
1992	65	15	25	126	15	67	20	11
number, 1997	19 644	3 801	4 275	35 364	4 136	14 034	(D)	3 204
1992	17 642	3 553	7 624	34 275	4 447	19 257	5 903	2 738
500 or more ..... farms, 1997	8	3	12	17	8	11	1	6
1992	8	2	8	17	7	6	2	4
number, 1997	6 424	2 000	16 729	13 041	7 372	6 958	(D)	6 255
1992	5 613	(D)	12 605	12 153	5 292	4 496	(D)	3 365
Cows and heifers that had calved ..... farms, 1997	537	213	98	815	98	450	174	165
1992	630	227	119	901	116	568	199	172
number, 1997	26 817	6 209	4 569	44 396	3 748	22 297	5 116	4 566
1992	29 780	6 678	4 497	46 547	3 896	25 106	4 555	4 924
Beef cows ..... farms, 1997	241	209	94	438	97	276	156	151
1992	249	214	110	412	113	284	183	149
number, 1997	7 973	5 689	3 983	16 398	(D)	9 519	4 153	4 130
1992	7 210	5 866	3 872	13 032	(D)	9 645	3 951	3 963
1997 farms by inventory:								
1 to 9 ..... farms	47	61	14	79	15	49	43	40
number	(D)	327	(D)	410	91	267	(D)	(D)
10 to 19 ..... farms	56	35	16	84	17	63	42	43
number	755	485	208	1 174	232	840	577	578
20 to 49 ..... farms	97	77	37	189	38	106	44	49
number	2 849	2 205	1 115	5 897	1 172	3 108	1 277	1 388
50 to 99 ..... farms	27	30	18	55	21	43	23	12
number	1 714	1 925	1 154	3 502	1 332	2 742	1 583	751
100 to 199 ..... farms	12	6	8	28	5	12	3	6
number	1 524	747	967	3 407	588	1 392	322	799
200 to 499 ..... farms	1	–	1	2	1	3	1	1
number	(D)	–	(D)	(D)	(D)	1 170	(D)	(D)
500 or more ..... farms	1	–	–	1	–	–	–	–
number	(D)	–	–	(D)	–	–	–	–
Milk cows ..... farms, 1997	315	11	6	416	2	207	27	19
1992	414	14	12	550	5	321	23	27
number, 1997	18 844	520	586	27 998	(D)	12 778	963	436
1992	22 570	812	625	33 515	(D)	15 461	604	961
1997 farms by inventory:								
1 to 9 ..... farms	4	4	1	8	2	4	3	5
number	(D)	9	(D)	33	(D)	25	(D)	(D)
10 to 19 ..... farms	13	–	–	11	–	10	3	5
number	181	–	–	159	–	140	35	66
20 to 49 ..... farms	104	2	2	118	–	80	13	7
number	3 549	(D)	(D)	4 283	–	2 631	436	247
50 to 99 ..... farms	159	4	–	214	–	90	7	2
number	10 518	316	–	14 567	–	5 903	381	(D)
100 to 199 ..... farms	33	1	2	60	–	16	1	–
number	4 032	(D)	(D)	7 775	–	1 916	(D)	–
200 to 499 ..... farms	2	–	1	5	–	7	–	–
number	(D)	–	(D)	1 181	–	2 163	–	–
500 or more ..... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Heifers and heifer calves ..... farms, 1997	502	185	101	791	96	448	170	166
1992	631	208	129	926	109	591	197	178
number, 1997	21 814	4 209	6 295	31 597	4 629	18 094	3 670	5 421
1992	22 416	4 502	8 722	36 848	4 107	21 534	4 453	4 528
1997 farms by inventory:								
1 to 9 ..... farms	90	87	26	159	36	82	77	82
number	436	360	116	740	156	423	361	395
10 to 19 ..... farms	91	44	36	146	21	96	35	33
number	1 285	592	456	1 916	274	1 290	476	453
20 to 49 ..... farms	172	40	20	271	27	154	38	29
number	5 490	1 248	606	8 445	821	4 818	1 097	887
50 to 99 ..... farms	106	8	9	153	2	81	15	9
number	6 956	475	609	9 916	(D)	5 284	991	(D)
100 to 199 ..... farms	32	3	3	47	4	25	4	8
number	3 901	384	(D)	5 545	560	3 394	(D)	1 181
200 to 499 ..... farms	9	2	5	14	4	9	1	3
number	(D)	(D)	1 605	(D)	1 408	(D)	(D)	850
500 or more ..... farms	2	1	2	1	2	1	–	2
number	(D)	(D)	(D)	(D)	(D)	(D)	–	(D)

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
INVENTORY								
Cattle and calves ..... farms, 1997	222	246	221	456	118	190	250	364
1992	259	274	253	519	125	209	294	417
number, 1997	23 564	21 041	19 843	36 996	5 150	11 616	19 525	33 693
1992	22 096	23 666	24 250	35 914	7 034	16 073	23 472	37 441
Farms by inventory:								
1 to 9 ..... farms, 1997	9	42	38	31	27	49	36	31
1992	24	39	36	39	29	28	45	37
number, 1997	30	217	212	157	116	272	197	140
1992	135	212	189	207	(D)	130	199	158
10 to 19 ..... farms, 1997	24	33	27	49	23	26	44	41
1992	31	47	39	77	26	35	35	50
number, 1997	334	447	390	699	310	371	643	599
1992	463	661	574	1 084	364	498	472	727
20 to 49 ..... farms, 1997	75	82	70	139	36	49	63	100
1992	89	86	84	163	35	49	93	133
number, 1997	2 516	2 672	2 300	4 694	1 142	1 629	2 071	3 394
1992	2 979	2 671	2 613	5 259	1 043	1 453	3 001	4 326
50 to 99 ..... farms, 1997	71	44	37	151	19	31	55	101
1992	69	44	46	133	20	48	65	96
number, 1997	4 954	3 183	2 330	10 132	1 318	2 129	3 800	7 232
1992	4 800	2 920	3 063	9 270	1 295	3 179	4 510	7 001
100 to 199 ..... farms, 1997	31	26	26	54	10	24	30	50
1992	33	27	24	79	7	26	28	60
number, 1997	4 329	3 276	3 368	7 184	1 253	3 104	4 112	6 368
1992	4 574	3 516	3 403	10 574	919	3 523	3 704	7 746
200 to 499 ..... farms, 1997	8	13	18	27	2	7	17	32
1992	10	25	17	23	6	20	19	32
number, 1997	2 641	3 670	5 398	7 110	(D)	1 849	5 224	8 494
1992	2 847	7 662	4 718	6 351	1 661	5 710	5 229	9 020
500 or more ..... farms, 1997	4	6	5	5	1	4	5	9
1992	3	6	7	5	2	3	9	9
number, 1997	8 760	7 576	5 845	7 020	(D)	2 262	3 478	7 466
1992	6 298	6 024	9 690	3 169	(D)	1 580	6 357	8 463
Cows and heifers that had calved ..... farms, 1997	196	198	153	411	85	118	200	295
1992	231	233	161	464	90	134	217	336
number, 1997	7 721	5 749	5 121	17 315	1 994	3 111	6 549	11 811
1992	7 680	7 295	4 164	16 770	1 814	3 406	6 846	12 736
Beef cows ..... farms, 1997	195	196	141	407	82	112	197	291
1992	228	232	142	457	83	123	211	333
number, 1997	(D)	5 741	4 376	16 758	1 654	2 756	6 388	11 727
1992	(D)	(D)	3 345	16 346	1 401	2 902	6 685	12 613
1997 farms by inventory:								
1 to 9 ..... farms	22	45	34	41	29	33	56	41
number	102	(D)	(D)	227	(D)	139	284	205
10 to 19 ..... farms	34	42	41	81	23	28	30	42
number	487	570	579	1 120	322	394	390	617
20 to 49 ..... farms	98	71	40	187	24	36	70	138
number	3 021	2 124	1 141	5 877	764	1 052	2 051	4 422
50 to 99 ..... farms	32	32	18	66	5	12	32	47
number	2 091	2 029	1 110	4 166	341	756	2 128	3 031
100 to 199 ..... farms	6	5	6	22	1	2	6	16
number	844	600	789	2 678	(D)	(D)	840	1 936
200 to 499 ..... farms	2	1	2	10	–	1	3	7
number	(D)	(D)	(D)	2 690	–	(D)	695	1 516
500 or more ..... farms	1	–	–	–	–	–	–	–
number	(D)	–	–	–	–	–	–	–
Milk cows ..... farms, 1997	2	6	13	9	4	8	6	7
1992	3	2	21	21	7	16	7	8
number, 1997	(D)	8	745	557	340	355	161	84
1992	(D)	(D)	819	424	413	504	161	123
1997 farms by inventory:								
1 to 9 ..... farms	–	6	2	2	1	2	3	2
number	–	8	(D)	(D)	(D)	(D)	12	(D)
10 to 19 ..... farms	1	–	1	–	–	–	–	4
number	(D)	–	(D)	–	–	–	–	54
20 to 49 ..... farms	1	–	4	3	1	3	1	1
number	(D)	–	116	74	(D)	117	(D)	(D)
50 to 99 ..... farms	–	–	3	3	–	2	2	–
number	–	–	248	174	–	(D)	(D)	–
100 to 199 ..... farms	–	–	3	–	1	1	–	–
number	–	–	363	–	(D)	(D)	–	–
200 to 499 ..... farms	–	–	–	1	1	–	–	–
number	–	–	–	(D)	(D)	–	–	–
500 or more ..... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Heifers and heifer calves ..... farms, 1997	174	195	150	339	84	143	178	278
1992	216	214	178	388	89	148	221	312
number, 1997	6 153	6 486	4 627	8 078	1 405	4 366	4 207	8 321
1992	5 780	6 502	8 518	8 151	2 245	5 806	7 298	10 086
1997 farms by inventory:								
1 to 9 ..... farms	66	109	58	129	49	63	78	90
number	343	525	264	618	201	289	349	384
10 to 19 ..... farms	43	36	39	125	14	31	46	75
number	570	476	529	1 674	188	424	639	1 032
20 to 49 ..... farms	52	30	29	64	16	30	35	77
number	1 507	849	876	1 937	494	924	1 072	2 295
50 to 99 ..... farms	7	10	12	14	3	6	10	22
number	511	675	754	905	(D)	505	642	1 536
100 to 199 ..... farms	3	4	9	4	1	10	5	10
number	395	(D)	1 202	600	(D)	1 498	580	1 313
200 to 499 ..... farms	1	4	2	2	1	3	4	2
number	(D)	1 331	(D)	(D)	(D)	726	925	(D)
500 or more ..... farms	2	2	1	1	–	–	–	2
number	(D)	(D)	(D)	(D)	–	–	–	(D)

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
INVENTORY								
Cattle and calves ..... farms, 1997	316	381	117	292	446	873	514	355
1992	319	398	123	332	524	974	685	380
number, 1997	18 075	30 651	11 936	33 145	44 383	89 317	46 016	20 280
1992	16 166	34 047	13 666	36 936	51 248	102 856	54 304	25 010
Farms by inventory:								
1 to 9 ..... farms, 1997	41	47	20	21	49	64	41	36
1992	40	33	11	21	33	50	54	49
number, 1997	208	272	95	125	293	338	206	160
1992	215	196	54	103	173	227	268	287
10 to 19 ..... farms, 1997	41	44	19	42	46	76	47	52
1992	56	53	19	49	69	92	67	55
number, 1997	571	603	257	583	663	1 087	667	704
1992	819	703	262	676	1 040	1 310	928	798
20 to 49 ..... farms, 1997	107	96	33	65	128	243	149	134
1992	116	109	33	77	143	247	219	113
number, 1997	3 423	3 158	999	2 105	4 214	8 109	5 065	4 304
1992	3 831	3 687	1 023	2 588	4 570	8 069	7 284	3 748
50 to 99 ..... farms, 1997	81	93	16	76	105	208	130	81
1992	63	110	25	75	149	262	179	95
number, 1997	5 532	6 649	1 136	5 442	7 351	14 523	9 020	5 450
1992	4 145	7 994	1 769	5 219	10 216	18 570	12 612	6 359
100 to 199 ..... farms, 1997	34	74	10	53	68	168	102	33
1992	33	64	15	61	71	199	111	45
number, 1997	4 212	10 158	1 403	6 896	9 045	23 029	13 894	4 367
1992	4 305	8 539	2 035	8 075	9 014	27 332	15 345	5 679
200 to 499 ..... farms, 1997	11	20	16	23	38	94	37	18
1992	11	24	15	34	45	102	48	18
number, 1997	(D)	5 194	5 006	6 363	10 330	27 247	9 367	(D)
1992	2 851	6 775	4 487	9 198	13 100	28 580	13 272	5 239
500 or more ..... farms, 1997	1	7	3	12	12	20	8	1
1992	–	5	5	15	14	22	7	5
number, 1997	(D)	4 617	3 040	11 631	12 487	14 984	7 797	(D)
1992	–	6 153	4 036	11 077	13 135	18 768	4 595	2 900
Cows and heifers that had calved ..... farms, 1997	265	269	65	237	385	743	441	317
1992	263	293	74	242	422	801	562	332
number, 1997	8 763	9 679	1 762	9 507	17 479	33 040	17 408	9 115
1992	7 046	11 545	2 525	8 758	17 483	35 486	20 687	10 669
Beef cows ..... farms, 1997	259	174	58	235	369	648	426	307
1992	256	180	64	233	401	700	537	325
number, 1997	8 399	5 118	1 463	(D)	16 485	25 448	16 551	8 591
1992	6 682	6 397	2 066	8 255	16 405	27 476	19 054	10 048
1997 farms by inventory:								
1 to 9 ..... farms	51	43	15	45	55	84	49	52
number	(D)	(D)	(D)	258	(D)	412	(D)	255
10 to 19 ..... farms	62	33	18	36	73	133	86	94
number	855	467	237	480	1 006	1 863	1 251	1 359
20 to 49 ..... farms	102	68	17	85	145	269	171	114
number	3 211	2 029	458	2 564	4 404	8 210	5 305	3 305
50 to 99 ..... farms	35	24	6	47	59	108	95	33
number	2 350	1 619	396	2 936	3 704	7 037	6 227	1 988
100 to 199 ..... farms	8	5	2	21	28	46	23	14
number	1 176	500	(D)	2 716	3 423	5 906	2 825	1 684
200 to 499 ..... farms	–	1	–	1	8	8	2	–
number	–	(D)	–	(D)	1 949	2 020	(D)	–
500 or more ..... farms	1	–	–	–	1	–	–	–
number	(D)	–	–	–	(D)	–	–	–
Milk cows ..... farms, 1997	8	105	7	5	26	141	19	16
1992	13	125	12	15	39	165	35	14
number, 1997	364	4 561	299	(D)	994	7 592	857	524
1992	364	5 148	459	503	1 078	8 010	1 633	621
1997 farms by inventory:								
1 to 9 ..... farms	1	7	1	3	5	15	2	6
number	(D)	33	(D)	3	15	64	(D)	16
10 to 19 ..... farms	1	14	–	–	3	9	3	2
number	(D)	181	–	–	45	120	(D)	(D)
20 to 49 ..... farms	3	48	4	–	8	51	8	5
number	116	1 658	148	–	207	1 731	245	165
50 to 99 ..... farms	2	33	2	1	7	45	3	1
number	(D)	2 109	(D)	(D)	407	2 841	217	(D)
100 to 199 ..... farms	1	2	–	1	3	18	3	2
number	(D)	(D)	–	(D)	320	2 234	350	(D)
200 to 499 ..... farms	–	1	–	–	–	3	–	–
number	–	(D)	–	–	–	602	–	–
500 or more ..... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Heifers and heifer calves ..... farms, 1997	236	280	72	234	343	680	384	265
1992	228	286	90	247	399	754	529	276
number, 1997	3 839	9 860	4 358	9 052	12 178	23 661	9 409	4 891
1992	3 981	8 755	4 278	12 012	14 424	29 525	13 658	6 427
1997 farms by inventory:								
1 to 9 ..... farms	117	87	30	79	120	199	128	125
number	529	398	161	372	569	1 025	636	587
10 to 19 ..... farms	59	62	13	62	88	157	103	70
number	789	818	176	843	1 135	2 127	1 368	892
20 to 49 ..... farms	45	78	13	50	89	192	106	48
number	1 308	2 505	379	1 434	2 725	5 713	3 080	1 367
50 to 99 ..... farms	11	37	5	27	27	88	31	16
number	738	2 319	(D)	1 739	1 831	5 976	2 055	1 017
100 to 199 ..... farms	4	8	4	7	9	31	12	4
number	475	(D)	539	(D)	(D)	4 029	1 391	(D)
200 to 499 ..... farms	–	6	6	7	8	11	4	2
number	–	1 570	2 028	1 982	2 218	(D)	879	(D)
500 or more ..... farms	–	2	1	2	2	2	–	–
number	–	(D)	(D)	(D)	(D)	(D)	–	–

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
INVENTORY								
Cattle and calves ..... farms, 1997	566	530	413	308	392	616	176	445
1992	606	607	476	361	444	702	202	441
number, 1997	37 990	61 039	28 601	30 431	26 884	36 790	11 269	40 506
1992	38 931	64 373	30 966	33 741	30 136	43 250	11 454	37 644
Farms by inventory:								
1 to 9 ..... farms, 1997	64	43	40	41	42	117	28	36
1992	63	40	51	52	50	104	28	34
number, 1997	321	214	218	230	240	602	120	192
1992	(D)	222	(D)	266	283	522	141	199
10 to 19 ..... farms, 1997	46	40	47	45	61	120	22	40
1992	68	54	49	45	68	126	20	51
number, 1997	664	578	731	633	826	1 704	299	542
1992	965	760	670	611	921	1 753	286	729
20 to 49 ..... farms, 1997	205	149	135	88	107	178	53	128
1992	196	149	173	108	127	231	69	125
number, 1997	6 865	4 937	4 352	2 875	3 337	5 661	1 697	4 303
1992	6 649	4 695	5 674	3 383	4 052	7 425	2 123	4 095
50 to 99 ..... farms, 1997	146	125	100	59	88	118	36	108
1992	170	170	120	79	103	158	58	118
number, 1997	10 119	9 024	7 163	4 214	5 989	8 214	2 534	7 263
1992	11 732	12 418	8 377	5 267	6 986	11 007	4 121	8 318
100 to 199 ..... farms, 1997	72	106	66	39	66	62	23	86
1992	80	111	55	37	62	57	19	71
number, 1997	9 429	14 614	8 779	5 094	9 020	8 132	3 146	11 865
1992	10 845	15 002	7 626	5 042	7 968	7 529	2 582	10 096
200 to 499 ..... farms, 1997	30	44	23	27	28	18	14	40
1992	27	64	26	29	31	19	8	37
number, 1997	8 472	13 383	(D)	8 249	7 472	4 977	3 473	11 398
1992	7 187	17 023	6 551	8 744	8 316	5 085	2 201	11 163
500 or more ..... farms, 1997	3	23	2	9	–	3	–	7
1992	2	19	2	11	3	7	–	5
number, 1997	2 120	18 289	(D)	9 136	–	7 500	–	4 943
1992	(D)	14 253	(D)	10 428	1 610	9 929	–	3 044
Cows and heifers that had calved ..... farms, 1997	494	403	362	186	325	492	143	423
1992	531	471	413	214	361	562	168	417
number, 1997	15 333	18 493	13 495	6 096	11 712	12 391	4 741	21 356
1992	15 924	19 396	14 229	7 399	11 852	14 414	4 839	20 028
Beef cows ..... farms, 1997	405	357	359	167	310	445	141	417
1992	428	395	404	175	343	502	166	411
number, 1997	12 395	15 237	13 292	4 905	10 265	10 358	4 548	21 117
1992	12 853	15 263	13 997	5 657	10 252	12 075	(D)	19 583
1997 farms by inventory:								
1 to 9 ..... farms	64	42	57	47	63	135	26	56
number	(D)	(D)	312	252	346	687	113	(D)
10 to 19 ..... farms	107	70	87	44	64	122	36	55
number	1 480	1 044	1 232	587	887	1 668	511	753
20 to 49 ..... farms	165	148	126	54	116	137	44	158
number	5 105	4 574	3 930	1 686	3 605	4 145	1 304	4 698
50 to 99 ..... farms	50	70	63	15	50	42	28	95
number	3 192	4 580	4 291	965	3 409	2 694	1 801	6 540
100 to 199 ..... farms	18	21	22	4	17	9	7	39
number	2 122	2 709	2 556	515	2 018	1 164	819	4 867
200 to 499 ..... farms	1	5	4	3	–	–	–	13
number	(D)	1 317	971	900	–	–	–	3 430
500 or more ..... farms	–	1	–	–	–	–	–	1
number	–	(D)	–	–	–	–	–	(D)
Milk cows ..... farms, 1997	96	62	7	25	23	54	7	14
1992	113	100	18	45	35	75	6	10
number, 1997	2 938	3 256	203	1 191	1 447	2 033	193	239
1992	3 071	4 133	232	1 742	1 600	2 339	(D)	445
1997 farms by inventory:								
1 to 9 ..... farms	8	3	2	4	5	7	3	5
number	(D)	7	(D)	10	16	(D)	(D)	23
10 to 19 ..... farms	21	8	1	1	–	4	–	4
number	321	113	(D)	(D)	–	56	–	59
20 to 49 ..... farms	54	22	3	9	4	31	1	5
number	1 623	774	90	250	151	1 039	(D)	157
50 to 99 ..... farms	11	21	1	9	10	10	3	–
number	687	1 372	(D)	554	749	574	165	–
100 to 199 ..... farms	2	8	–	1	4	1	–	–
number	(D)	990	–	(D)	531	(D)	–	–
200 to 499 ..... farms	–	–	–	1	–	1	–	–
number	–	–	–	(D)	–	(D)	–	–
500 or more ..... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Heifers and heifer calves ..... farms, 1997	450	406	305	205	284	451	135	360
1992	484	498	363	241	325	531	166	358
number, 1997	9 517	14 893	6 258	7 902	5 860	7 419	2 913	8 873
1992	9 706	16 144	6 972	8 368	6 840	10 456	3 134	8 391
1997 farms by inventory:								
1 to 9 ..... farms	165	110	127	75	117	235	64	137
number	776	521	617	355	492	1 005	311	656
10 to 19 ..... farms	116	105	71	49	72	94	20	91
number	1 602	1 432	945	667	941	1 195	251	1 236
20 to 49 ..... farms	136	112	84	47	60	99	36	85
number	3 867	3 317	2 335	1 395	1 763	2 936	992	2 670
50 to 99 ..... farms	24	44	15	16	31	14	9	34
number	1 549	2 899	1 029	(D)	2 112	(D)	(D)	2 165
100 to 199 ..... farms	7	22	7	10	3	8	5	9
number	(D)	2 967	(D)	1 324	(D)	1 103	643	1 163
200 to 499 ..... farms	2	11	–	6	1	1	1	4
number	(D)	(D)	–	1 792	(D)	(D)	(D)	983
500 or more ..... farms	–	2	1	2	–	–	–	–
number	–	(D)	(D)	(D)	–	–	–	–

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
INVENTORY								
Cattle and calves ..... farms, 1997	507	579	436	465	316	180	322	263
1992	620	642	504	498	387	221	289	314
number, 1997	78 467	44 695	41 421	30 772	25 413	14 175	44 635	36 424
1992	88 514	43 900	44 336	32 098	28 373	17 990	36 900	39 705
Farms by inventory:								
1 to 9 ..... farms, 1997	38	54	40	64	33	14	39	15
1992	14	53	50	58	50	29	31	27
number, 1997	188	294	209	354	183	74	214	81
1992	81	266	268	(D)	255	(D)	136	154
10 to 19 ..... farms, 1997	33	75	48	68	39	20	21	16
1992	53	94	68	73	65	35	21	38
number, 1997	464	1 028	703	995	537	286	309	219
1992	739	1 400	901	970	943	508	288	548
20 to 49 ..... farms, 1997	100	188	131	143	93	57	86	54
1992	152	191	118	162	121	70	73	65
number, 1997	3 333	6 152	4 241	4 713	2 941	1 905	2 842	1 796
1992	4 929	6 068	3 955	5 085	3 931	2 167	2 260	2 124
50 to 99 ..... farms, 1997	134	133	107	97	85	52	54	72
1992	161	171	131	113	79	45	61	79
number, 1997	9 258	9 412	7 547	6 253	6 111	3 699	3 802	4 911
1992	11 249	11 842	9 161	7 632	5 749	3 108	4 488	5 605
100 to 199 ..... farms, 1997	98	84	62	60	44	21	52	63
1992	130	98	93	64	46	27	51	61
number, 1997	13 800	11 105	8 619	8 457	5 903	2 865	7 349	8 713
1992	16 860	13 174	12 816	8 793	6 252	3 400	7 384	8 402
200 to 499 ..... farms, 1997	76	36	38	29	18	14	48	35
1992	80	32	36	26	19	13	41	36
number, 1997	22 201	10 235	10 611	7 486	5 162	(D)	13 584	11 204
1992	22 715	8 595	9 929	7 595	4 853	3 577	11 960	11 292
500 or more ..... farms, 1997	28	9	10	4	4	2	22	8
1992	30	3	8	2	7	2	11	8
number, 1997	29 223	6 469	9 491	2 514	4 576	(D)	16 535	9 500
1992	31 941	2 555	7 306	(D)	6 390	(D)	10 384	11 580
Cows and heifers that had calved ..... farms, 1997	306	525	326	401	258	150	177	204
1992	361	587	375	435	315	180	177	239
number, 1997	13 883	21 803	11 560	13 711	8 851	5 765	5 869	9 708
1992	15 648	22 844	12 995	14 487	9 550	5 924	6 194	10 154
Beef cows ..... farms, 1997	261	523	308	387	252	149	105	201
1992	284	585	344	413	298	178	107	232
number, 1997	9 568	21 791	10 454	12 969	7 996	5 680	2 873	9 491
1992	11 764	22 688	11 417	13 220	8 658	5 832	3 033	9 938
1997 farms by inventory:								
1 to 9 ..... farms	41	67	50	80	43	19	24	21
number	(D)	(D)	(D)	438	(D)	(D)	117	(D)
10 to 19 ..... farms	40	105	66	79	57	35	27	29
number	577	1 428	932	1 098	766	470	350	390
20 to 49 ..... farms	126	215	133	144	105	56	37	78
number	3 893	6 692	4 143	4 093	3 425	1 782	1 039	2 475
50 to 99 ..... farms	35	100	47	65	42	29	13	49
number	2 392	6 528	2 963	4 257	2 676	1 901	847	3 248
100 to 199 ..... farms	17	24	10	15	4	8	4	22
number	2 079	2 981	1 297	1 863	563	954	520	2 864
200 to 499 ..... farms	2	11	2	4	1	2	–	2
number	(D)	2 921	(D)	1 220	(D)	(D)	–	(D)
500 or more ..... farms	–	1	–	–	–	–	–	–
number	–	(D)	–	–	–	–	–	–
Milk cows ..... farms, 1997	59	5	22	18	8	5	78	6
1992	86	11	36	30	18	3	89	13
number, 1997	4 315	12	1 106	742	855	85	2 996	217
1992	3 884	156	1 578	1 267	892	92	3 161	216
1997 farms by inventory:								
1 to 9 ..... farms	9	5	1	5	1	2	9	1
number	38	12	(D)	11	(D)	(D)	37	(D)
10 to 19 ..... farms	5	–	4	1	–	–	15	–
number	77	–	(D)	(D)	–	–	212	–
20 to 49 ..... farms	13	–	7	6	3	3	30	2
number	514	–	225	182	90	(D)	1 007	(D)
50 to 99 ..... farms	15	–	6	4	1	–	21	3
number	1 062	–	438	318	(D)	–	1 373	166
100 to 199 ..... farms	12	–	4	2	2	–	3	–
number	1 502	–	400	(D)	(D)	–	367	–
200 to 499 ..... farms	5	–	–	–	–	–	–	–
number	1 122	–	–	–	–	–	–	–
500 or more ..... farms	–	–	–	–	1	–	–	–
number	–	–	–	–	(D)	–	–	–
Heifers and heifer calves ..... farms, 1997	361	456	320	348	250	136	190	196
1992	430	520	378	382	298	169	188	226
number, 1997	31 968	9 642	12 202	6 983	6 458	3 072	10 769	6 876
1992	25 507	10 342	12 793	7 935	7 100	7 580	8 787	7 508
1997 farms by inventory:								
1 to 9 ..... farms	65	190	96	156	101	49	42	52
number	323	885	441	731	516	244	169	274
10 to 19 ..... farms	80	120	99	94	71	46	46	46
number	1 071	1 661	1 334	1 276	965	604	577	638
20 to 49 ..... farms	88	110	71	65	54	27	55	58
number	2 685	3 371	2 087	1 951	1 672	822	1 755	1 717
50 to 99 ..... farms	52	24	24	25	11	12	16	22
number	3 556	1 628	1 679	1 789	701	(D)	1 040	1 526
100 to 199 ..... farms	32	9	17	7	7	1	15	15
number	4 594	1 197	2 371	(D)	719	(D)	2 142	1 941
200 to 499 ..... farms	35	3	10	1	6	–	13	3
number	9 481	900	2 636	(D)	1 885	–	3 498	780
500 or more ..... farms	9	–	3	–	–	1	3	–
number	10 258	–	1 654	–	–	(D)	1 588	–

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
INVENTORY								
Cattle and calves ..... farms, 1997	418	275	295	274	188	447	182	616
1992	471	326	333	338	239	521	225	715
number, 1997	37 088	29 357	19 217	34 064	30 926	39 461	18 843	79 131
1992	40 630	29 723	21 273	33 481	26 898	38 759	21 187	92 041
Farms by inventory:								
1 to 9 ..... farms, 1997	27	17	55	18	20	22	25	45
1992	34	23	48	49	20	34	24	59
number, 1997	160	87	311	86	109	120	116	227
1992	202	150	250	276	120	(D)	120	253
10 to 19 ..... farms, 1997	38	22	36	26	21	52	29	57
1992	45	29	53	25	34	44	33	64
number, 1997	486	305	506	337	288	755	392	790
1992	628	415	781	372	479	608	462	907
20 to 49 ..... farms, 1997	129	77	91	72	37	143	38	173
1992	153	102	92	95	68	165	59	201
number, 1997	4 228	2 568	2 889	2 413	1 135	4 638	1 132	5 723
1992	5 080	3 351	2 937	2 997	2 129	5 375	1 931	6 887
50 to 99 ..... farms, 1997	94	77	60	75	29	107	39	150
1992	104	92	78	87	53	153	48	173
number, 1997	6 250	5 285	4 330	5 198	2 113	7 656	2 696	10 700
1992	6 944	6 234	5 468	6 184	3 794	10 546	3 310	11 659
100 to 199 ..... farms, 1997	89	57	38	51	37	84	26	95
1992	91	61	44	49	36	89	30	116
number, 1997	12 491	7 984	5 029	7 270	5 065	11 281	3 618	12 871
1992	12 351	8 409	5 660	6 442	4 700	12 134	4 102	16 138
200 to 499 ..... farms, 1997	34	17	13	21	33	32	16	63
1992	39	14	15	24	20	35	25	66
number, 1997	9 021	4 585	(D)	6 152	10 144	9 224	4 684	18 680
1992	10 800	4 107	3 990	6 943	6 383	9 160	7 574	19 615
500 or more ..... farms, 1997	7	8	2	11	11	7	9	33
1992	5	5	3	9	8	1	6	36
number, 1997	4 452	8 543	(D)	12 608	12 072	5 787	6 205	30 140
1992	4 625	7 057	2 187	10 267	9 293	(D)	3 688	36 582
Cows and heifers that had calved ..... farms, 1997	380	240	242	176	89	375	120	461
1992	433	270	281	184	127	440	141	513
number, 1997	18 291	10 407	7 460	7 154	3 919	15 610	3 356	20 099
1992	20 323	10 542	8 979	5 813	3 889	15 334	4 560	20 646
Beef cows ..... farms, 1997	372	234	232	160	68	373	111	427
1992	422	263	262	156	83	434	127	477
number, 1997	17 586	10 160	6 417	6 394	2 581	15 535	2 994	17 884
1992	19 376	10 286	7 493	4 805	2 082	15 073	4 177	18 506
1997 farms by inventory:								
1 to 9 ..... farms	40	30	52	20	16	31	37	62
number	(D)	160	260	(D)	(D)	(D)	180	(D)
10 to 19 ..... farms	71	32	56	40	21	85	16	88
number	939	467	767	582	301	1 198	220	1 190
20 to 49 ..... farms	132	93	86	57	15	147	38	167
number	4 063	2 783	2 630	1 864	402	4 420	1 181	5 367
50 to 99 ..... farms	84	57	33	33	9	83	17	77
number	5 627	3 763	2 146	2 173	583	5 386	1 044	4 851
100 to 199 ..... farms	39	17	5	9	5	22	3	23
number	4 831	1 967	614	1 113	690	2 721	369	2 763
200 to 499 ..... farms	5	5	–	–	2	4	–	9
number	1 337	1 020	–	–	(D)	1 074	–	2 195
500 or more ..... farms	1	–	–	1	–	1	–	1
number	(D)	–	–	(D)	–	(D)	–	(D)
Milk cows ..... farms, 1997	18	7	20	18	24	5	14	36
1992	25	9	27	31	45	9	16	48
number, 1997	705	247	1 043	760	1 338	75	362	2 215
1992	947	256	1 486	1 008	1 807	261	383	2 140
1997 farms by inventory:								
1 to 9 ..... farms	11	4	6	3	3	3	4	6
number	(D)	9	14	11	5	(D)	9	(D)
10 to 19 ..... farms	–	–	1	1	2	1	2	2
number	–	–	(D)	(D)	(D)	(D)	(D)	(D)
20 to 49 ..... farms	3	–	7	10	6	–	6	16
number	111	–	272	333	166	–	187	550
50 to 99 ..... farms	3	2	4	2	9	1	2	4
number	255	(D)	295	(D)	557	(D)	(D)	289
100 to 199 ..... farms	–	1	–	2	3	–	–	5
number	–	(D)	–	(D)	388	–	–	580
200 to 499 ..... farms	1	–	2	–	1	–	–	3
number	(D)	–	(D)	–	(D)	–	–	740
500 or more ..... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Heifers and heifer calves ..... farms, 1997	315	202	228	206	120	333	128	488
1992	359	272	263	232	168	432	168	541
number, 1997	7 780	7 840	5 345	10 387	8 787	9 493	6 492	23 281
1992	9 253	8 254	5 635	9 825	7 495	9 480	6 571	32 803
1997 farms by inventory:								
1 to 9 ..... farms	132	67	102	58	35	120	48	170
number	613	369	423	287	154	633	231	822
10 to 19 ..... farms	75	57	44	43	20	86	30	106
number	996	811	591	547	250	1 121	403	1 451
20 to 49 ..... farms	65	45	63	57	21	79	23	121
number	2 038	1 303	1 823	1 697	632	2 226	721	3 518
50 to 99 ..... farms	30	23	15	26	24	32	10	42
number	1 928	1 506	1 098	1 747	1 532	2 090	590	2 681
100 to 199 ..... farms	10	4	1	13	12	12	8	23
number	1 325	(D)	(D)	1 748	1 717	1 508	1 182	2 968
200 to 499 ..... farms	3	4	2	6	3	2	6	20
number	880	1 194	(D)	1 940	877	(D)	1 640	6 775
500 or more ..... farms	–	2	1	3	5	2	3	6
number	–	(D)	(D)	2 421	3 625	(D)	1 725	5 066

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
INVENTORY								
Cattle and calves ..... farms, 1997	131	190	559	462	407	276	292	425
1992	181	242	682	530	482	299	343	510
number, 1997	11 657	9 774	63 804	40 525	41 973	39 542	20 483	40 343
1992	15 639	13 162	74 955	43 718	49 136	46 962	24 337	43 037
Farms by inventory:								
1 to 9 ..... farms, 1997	16	32	57	34	18	27	46	31
1992	31	55	61	29	30	22	54	36
number, 1997	86	171	293	192	83	113	244	177
1992	155	(D)	300	175	135	104	283	209
10 to 19 ..... farms, 1997	15	32	61	41	39	30	49	46
1992	24	33	96	53	52	32	53	53
number, 1997	210	460	856	572	589	391	669	656
1992	318	457	1 396	762	753	479	716	702
20 to 49 ..... farms, 1997	44	75	156	127	106	76	88	146
1992	51	85	167	155	111	85	101	169
number, 1997	1 306	2 405	4 966	4 155	3 376	2 336	2 733	4 769
1992	1 765	2 717	5 292	5 270	3 730	2 574	3 243	5 555
50 to 99 ..... farms, 1997	18	25	127	126	102	76	54	112
1992	21	37	162	151	117	72	62	137
number, 1997	1 278	1 661	9 216	8 957	6 956	5 395	3 622	7 712
1992	1 251	2 577	11 524	10 613	8 135	5 064	4 257	9 600
100 to 199 ..... farms, 1997	20	14	90	96	87	32	34	62
1992	31	17	115	99	103	36	46	77
number, 1997	2 781	1 802	11 928	12 959	11 642	4 523	4 719	8 689
1992	4 023	2 212	15 447	13 410	14 448	5 042	6 093	9 771
200 to 499 ..... farms, 1997	17	12	50	33	49	19	17	18
1992	18	14	59	37	62	34	23	32
number, 1997	(D)	3 275	14 807	10 065	14 857	5 446	5 107	5 176
1992	5 253	4 261	17 088	10 210	17 438	9 377	6 698	8 717
500 or more ..... farms, 1997	1	–	18	5	6	16	4	10
1992	5	1	22	6	7	18	4	6
number, 1997	(D)	–	21 738	3 625	4 470	21 338	3 389	13 164
1992	2 874	(D)	23 908	3 278	4 497	24 322	3 047	8 483
Cows and heifers that had calved ..... farms, 1997	79	155	452	399	384	191	223	348
1992	96	199	545	452	453	224	257	407
number, 1997	2 240	4 381	15 994	16 606	21 371	7 152	6 425	11 310
1992	2 244	5 185	19 407	18 271	26 989	8 263	7 741	12 518
Beef cows ..... farms, 1997	73	152	451	392	380	184	208	341
1992	87	193	535	443	453	213	230	394
number, 1997	1 797	4 135	15 680	15 515	21 129	6 398	5 581	10 986
1992	1 882	4 721	18 886	17 404	26 840	7 437	5 477	12 117
1997 farms by inventory:								
1 to 9 ..... farms	20	39	78	45	33	27	61	55
number	98	(D)	(D)	246	(D)	133	277	(D)
10 to 19 ..... farms	20	41	95	75	64	45	53	73
number	255	559	1 281	1 034	904	641	734	1 042
20 to 49 ..... farms	23	52	174	156	131	75	60	148
number	695	1 515	5 476	4 820	4 147	2 354	1 757	4 518
50 to 99 ..... farms	7	12	80	88	83	28	28	56
number	449	710	5 227	5 653	5 630	1 671	1 873	3 776
100 to 199 ..... farms	3	7	22	24	57	6	3	8
number	300	950	2 834	2 887	7 206	715	320	996
200 to 499 ..... farms	–	1	2	4	11	3	3	1
number	–	(D)	(D)	875	2 570	884	620	(D)
500 or more ..... farms	–	–	–	–	1	–	–	–
number	–	–	–	–	(D)	–	–	–
Milk cows ..... farms, 1997	6	3	13	12	13	13	24	8
1992	12	12	15	23	9	16	35	18
number, 1997	443	246	314	1 091	242	754	844	324
1992	362	464	521	867	149	826	2 264	401
1997 farms by inventory:								
1 to 9 ..... farms	–	–	6	4	7	3	4	1
number	–	–	12	4	8	8	12	(D)
10 to 19 ..... farms	–	–	2	–	2	2	3	–
number	–	–	(D)	–	(D)	(D)	49	–
20 to 49 ..... farms	3	2	1	4	2	4	10	5
number	103	(D)	(D)	137	(D)	114	334	178
50 to 99 ..... farms	–	–	4	2	2	1	7	2
number	–	–	250	(D)	(D)	(D)	449	(D)
100 to 199 ..... farms	3	1	–	–	–	2	–	–
number	340	(D)	–	–	–	(D)	–	–
200 to 499 ..... farms	–	–	–	2	–	1	–	–
number	–	–	–	(D)	–	(D)	–	–
500 or more ..... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Heifers and heifer calves ..... farms, 1997	97	132	421	355	327	213	223	303
1992	126	180	530	416	386	233	250	389
number, 1997	4 502	1 936	18 077	11 489	8 327	17 882	6 879	11 951
1992	6 233	3 009	22 314	10 949	9 748	15 349	7 459	11 350
1997 farms by inventory:								
1 to 9 ..... farms	37	81	146	109	112	71	101	113
number	159	390	709	560	488	335	440	538
10 to 19 ..... farms	16	29	102	87	72	48	48	77
number	227	378	1 358	1 172	981	665	630	1 007
20 to 49 ..... farms	23	14	111	113	96	50	51	80
number	764	412	3 245	3 308	2 827	1 410	1 588	2 444
50 to 99 ..... farms	7	4	34	28	34	15	11	18
number	456	256	2 292	1 820	2 236	982	(D)	1 196
100 to 199 ..... farms	9	4	14	7	10	10	6	7
number	1 167	500	2 106	(D)	1 095	1 394	781	827
200 to 499 ..... farms	5	–	9	10	3	10	4	3
number	1 729	–	2 322	3 204	700	2 833	1 388	1 047
500 or more ..... farms	–	–	5	1	–	9	2	5
number	–	–	6 045	(D)	–	10 263	(D)	4 892

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
INVENTORY								
Cattle and calves ..... farms, 1997	677	212	500	425	402	450	387	620
1992	845	222	596	454	464	451	398	706
number, 1997	174 053	16 965	34 081	36 730	37 889	30 669	20 975	39 482
1992	186 379	17 454	41 636	39 735	41 025	29 600	24 322	43 380
Farms by inventory:								
1 to 9 ..... farms, 1997	56	45	53	31	45	39	41	75
1992	52	42	63	23	29	35	39	77
number, 1997	302	227	300	160	247	208	209	410
1992	307	212	338	118	146	182	189	413
10 to 19 ..... farms, 1997	51	33	82	47	32	59	68	90
1992	70	33	85	44	46	72	88	112
number, 1997	709	465	1 151	681	446	864	947	1 296
1992	956	449	1 202	616	642	1 014	1 235	1 597
20 to 49 ..... farms, 1997	104	66	152	94	114	132	129	206
1992	130	62	192	115	135	133	152	241
number, 1997	3 318	2 088	4 926	2 972	3 656	4 342	4 078	6 586
1992	4 222	1 997	6 227	3 836	4 257	4 349	5 031	7 401
50 to 99 ..... farms, 1997	119	34	118	129	77	130	100	145
1992	175	50	152	136	112	113	73	170
number, 1997	8 644	2 404	8 269	8 846	5 288	9 136	6 718	9 516
1992	12 670	3 359	10 673	9 439	8 186	7 873	5 019	11 838
100 to 199 ..... farms, 1997	124	17	57	82	91	63	28	76
1992	177	16	74	95	100	81	30	77
number, 1997	17 162	2 457	8 101	11 173	12 787	8 305	3 655	10 357
1992	24 366	2 255	10 490	12 645	13 715	11 179	4 187	11 029
200 to 499 ..... farms, 1997	139	10	35	39	38	25	21	23
1992	159	12	21	37	37	17	12	26
number, 1997	41 636	3 083	9 539	10 576	10 830	(D)	5 368	7 150
1992	47 171	3 536	5 808	9 565	9 980	5 003	3 451	7 628
500 or more ..... farms, 1997	84	7	3	3	5	2	–	5
1992	82	7	9	4	5	–	4	3
number, 1997	102 282	6 241	1 795	2 322	4 635	(D)	–	4 167
1992	96 687	5 646	6 898	3 516	4 099	–	5 210	3 474
Cows and heifers that had calved ..... farms, 1997	295	142	397	378	359	412	349	564
1992	381	163	479	410	430	421	350	650
number, 1997	24 914	4 910	14 792	17 532	18 447	16 260	10 415	18 823
1992	20 227	4 847	16 462	17 499	20 058	15 202	12 728	20 559
Beef cows ..... farms, 1997	187	135	382	375	359	394	346	556
1992	233	151	454	408	428	400	343	632
number, 1997	10 700	3 568	13 332	17 312	(D)	15 319	9 976	18 329
1992	10 127	3 896	15 157	17 054	19 823	14 465	12 320	19 273
1997 farms by inventory:								
1 to 9 ..... farms	40	44	71	38	45	58	65	117
number	(D)	234	346	(D)	200	328	329	601
10 to 19 ..... farms	36	31	96	71	59	80	86	118
number	468	426	1 376	969	853	1 142	1 158	1 723
20 to 49 ..... farms	57	37	139	133	119	144	142	211
number	1 780	1 107	4 413	4 142	3 598	4 554	4 317	6 271
50 to 99 ..... farms	27	20	53	95	88	86	38	82
number	1 759	1 303	3 451	6 304	6 106	5 681	2 382	5 346
100 to 199 ..... farms	17	3	18	33	40	22	15	23
number	2 036	498	2 284	3 999	4 930	2 709	1 790	3 046
200 to 499 ..... farms	8	–	5	4	7	4	–	5
number	2 390	–	1 462	1 100	1 626	905	–	1 342
500 or more ..... farms	2	–	–	1	1	–	–	–
number	(D)	–	–	(D)	(D)	–	–	–
Milk cows ..... farms, 1997	117	8	29	7	5	30	15	21
1992	155	13	39	14	9	42	17	32
number, 1997	14 214	1 342	1 460	220	(D)	941	439	494
1992	10 100	951	1 305	445	235	737	408	1 286
1997 farms by inventory:								
1 to 9 ..... farms	5	1	6	4	4	11	9	7
number	25	(D)	24	24	4	(D)	42	24
10 to 19 ..... farms	7	–	5	1	–	6	2	2
number	116	–	72	(D)	–	73	(D)	(D)
20 to 49 ..... farms	27	3	9	1	–	4	1	10
number	866	91	285	(D)	–	110	(D)	274
50 to 99 ..... farms	39	–	6	–	1	7	2	2
number	2 689	–	401	–	(D)	393	(D)	(D)
100 to 199 ..... farms	21	2	1	1	–	1	1	–
number	2 658	(D)	(D)	(D)	–	(D)	(D)	–
200 to 499 ..... farms	14	2	2	–	–	1	–	–
number	4 063	(D)	(D)	–	–	(D)	–	–
500 or more ..... farms	4	–	–	–	–	–	–	–
number	3 797	–	–	–	–	–	–	–
Heifers and heifer calves ..... farms, 1997	452	153	369	315	316	368	300	481
1992	583	158	445	364	379	365	327	585
number, 1997	71 526	4 341	8 209	7 103	7 745	6 633	4 508	9 852
1992	62 570	5 771	10 057	10 273	9 361	6 738	5 303	11 717
1997 farms by inventory:								
1 to 9 ..... farms	76	79	159	106	111	161	138	239
number	374	279	760	548	521	764	593	1 139
10 to 19 ..... farms	60	39	94	92	83	100	92	112
number	820	504	1 250	1 259	1 088	1 318	1 225	1 442
20 to 49 ..... farms	95	19	74	78	83	84	50	94
number	3 024	579	2 185	2 390	2 449	2 411	1 274	2 881
50 to 99 ..... farms	77	7	29	32	29	16	19	25
number	5 126	(D)	1 842	2 071	1 901	954	(D)	1 586
100 to 199 ..... farms	57	5	7	7	8	4	–	8
number	8 066	607	775	835	(D)	526	–	1 095
200 to 499 ..... farms	55	3	6	–	1	3	1	2
number	16 628	1 072	1 397	–	(D)	660	(D)	(D)
500 or more ..... farms	32	1	–	–	1	–	–	1
number	37 488	(D)	–	–	(D)	–	–	(D)

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
INVENTORY								
Cattle and calves ..... farms, 1997	394	450	208	120	855	511	180	108
1992	421	472	208	125	1 010	508	210	131
number, 1997	25 439	42 482	12 870	5 994	81 358	62 634	9 892	5 245
1992	29 911	37 277	10 824	5 041	96 613	66 198	11 468	8 461
Farms by inventory:								
1 to 9 ..... farms, 1997	45	24	51	35	47	46	35	24
1992	47	24	41	29	52	57	45	31
number, 1997	229	133	260	183	263	241	188	121
1992	(D)	(D)	199	(D)	286	273	(D)	(D)
10 to 19 ..... farms, 1997	48	24	26	19	87	62	26	24
1992	51	59	36	18	65	54	37	22
number, 1997	689	325	375	281	1 203	922	387	335
1992	758	886	505	256	927	774	521	301
20 to 49 ..... farms, 1997	113	131	71	34	181	131	55	27
1992	122	131	70	44	222	122	64	41
number, 1997	3 790	4 128	2 237	1 118	6 052	4 302	1 747	787
1992	3 963	4 203	2 227	1 353	7 357	3 959	1 974	1 255
50 to 99 ..... farms, 1997	108	121	36	17	234	128	32	24
1992	104	120	33	23	314	119	40	22
number, 1997	7 428	8 406	2 320	1 091	16 957	8 705	2 303	1 646
1992	7 230	8 321	2 139	1 564	23 327	8 224	2 797	1 564
100 to 199 ..... farms, 1997	63	94	15	10	206	69	28	4
1992	68	99	22	9	256	90	17	5
number, 1997	8 343	12 601	1 920	1 365	28 206	9 215	3 711	495
1992	9 398	13 188	3 025	1 272	35 234	11 954	2 305	626
200 to 499 ..... farms, 1997	16	53	3	4	95	59	3	4
1992	27	37	4	2	95	38	6	8
number, 1997	(D)	13 849	692	(D)	25 347	18 208	(D)	(D)
1992	7 208	9 407	(D)	(D)	24 045	11 162	1 553	2 677
500 or more ..... farms, 1997	1	3	6	1	5	16	1	1
1992	2	2	2	–	6	28	1	2
number, 1997	(D)	3 040	5 066	(D)	3 330	21 041	(D)	(D)
1992	(D)	(D)	(D)	–	5 437	29 852	(D)	(D)
Cows and heifers that had calved ..... farms, 1997	329	409	160	83	714	416	134	76
1992	349	444	163	83	830	399	161	81
number, 1997	10 695	21 381	4 097	1 669	33 532	18 600	3 119	1 603
1992	11 454	19 619	3 896	2 100	38 801	15 603	3 405	1 779
Beef cows ..... farms, 1997	285	399	154	67	443	412	125	72
1992	304	441	156	63	458	393	153	76
number, 1997	9 423	20 902	3 805	1 136	13 915	18 491	2 652	1 539
1992	10 301	19 236	3 483	1 233	16 005	15 349	3 034	1 663
1997 farms by inventory:								
1 to 9 ..... farms	54	36	42	24	85	59	44	27
number	291	198	(D)	104	(D)	282	(D)	(D)
10 to 19 ..... farms	50	58	51	24	82	75	30	15
number	690	837	682	342	1 115	1 047	426	206
20 to 49 ..... farms	117	129	46	13	193	168	38	22
number	3 640	4 201	1 394	358	5 831	5 117	1 139	654
50 to 99 ..... farms	52	128	14	6	63	63	12	7
number	3 332	8 806	926	332	3 991	4 247	765	424
100 to 199 ..... farms	12	41	–	–	19	36	1	1
number	1 470	5 277	–	–	2 305	5 168	(D)	(D)
200 to 499 ..... farms	–	7	–	–	1	11	–	–
number	–	1 583	–	–	(D)	2 630	–	–
500 or more ..... farms	–	–	1	–	–	–	–	–
number	–	–	(D)	–	–	–	–	–
Milk cows ..... farms, 1997	50	16	6	21	332	5	12	5
1992	53	14	11	29	461	13	12	5
number, 1997	1 272	479	292	533	19 617	109	467	64
1992	1 153	383	413	867	22 796	254	371	116
1997 farms by inventory:								
1 to 9 ..... farms	8	6	2	3	10	1	–	3
number	17	27	(D)	(D)	(D)	(D)	–	(D)
10 to 19 ..... farms	12	1	–	6	19	2	4	–
number	195	(D)	–	98	266	(D)	58	–
20 to 49 ..... farms	25	6	1	10	127	2	5	2
number	682	177	(D)	308	4 580	(D)	175	(D)
50 to 99 ..... farms	5	2	2	2	142	–	2	–
number	378	(D)	(D)	(D)	9 334	–	(D)	–
100 to 199 ..... farms	–	1	1	–	26	–	1	–
number	–	(D)	(D)	–	3 130	–	(D)	–
200 to 499 ..... farms	–	–	–	–	7	–	–	–
number	–	–	–	–	1 695	–	–	–
500 or more ..... farms	–	–	–	–	1	–	–	–
number	–	–	–	–	(D)	–	–	–
Heifers and heifer calves ..... farms, 1997	289	357	159	82	682	391	124	64
1992	334	361	144	89	806	384	162	99
number, 1997	5 627	10 138	5 291	2 056	23 506	18 430	2 616	1 092
1992	8 013	8 664	2 501	1 555	28 000	19 961	2 965	4 322
1997 farms by inventory:								
1 to 9 ..... farms	111	114	92	44	148	143	52	29
number	476	582	407	201	708	652	253	134
10 to 19 ..... farms	79	85	32	22	143	93	29	16
number	1 020	1 109	453	287	1 929	1 291	385	212
20 to 49 ..... farms	76	106	23	8	227	85	32	16
number	2 121	3 226	636	262	7 042	2 494	892	451
50 to 99 ..... farms	17	40	5	5	125	35	7	2
number	1 188	2 642	324	276	7 823	2 228	432	(D)
100 to 199 ..... farms	5	8	2	–	33	23	3	1
number	(D)	(D)	(D)	–	3 953	2 736	(D)	(D)
200 to 499 ..... farms	1	3	2	3	5	6	1	–
number	(D)	1 039	(D)	1 030	(D)	1 721	(D)	–
500 or more ..... farms	–	1	3	–	1	6	–	–
number	–	(D)	2 780	–	(D)	7 308	–	–

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
INVENTORY—Con.							
Cattle and calves—Con.							
Steers, steer calves, bulls, and bull calves ..... farms, 1997	33 184	465	316	551	465	247	456
1992	37 347	521	389	656	520	270	508
number, 1997	1 369 683	16 359	12 634	18 259	9 578	15 058	17 227
1992	1 530 279	18 347	12 677	22 071	10 315	16 725	38 233
1997 farms by inventory:							
1 to 9 ..... farms	12 683	154	109	146	208	76	186
number	52 294	657	393	570	856	329	836
10 to 19 ..... farms	7 099	89	66	110	103	55	96
number	96 381	1 245	916	1 461	1 391	768	1 322
20 to 49 ..... farms	7 847	137	79	170	105	60	115
number	234 465	4 256	2 413	5 199	3 094	1 731	3 299
50 to 99 ..... farms	2 941	55	42	87	39	31	32
number	194 511	3 857	2 625	5 672	2 540	2 049	1 982
100 to 199 ..... farms	1 407	20	12	30	9	12	13
number	185 191	2 824	1 564	3 581	(D)	1 630	1 794
200 to 499 ..... farms	842	7	4	8	–	7	11
number	247 050	1 884	1 261	1 776	–	2 398	3 594
500 or more ..... farms	365	3	4	–	1	6	3
number	359 791	1 636	3 462	–	(D)	6 153	4 400
SALES							
Dairy products sold ..... farms, 1997	3 958	8	4	232	10	4	27
1992	5 544	21	8	322	11	9	43
$1,000, 1997	408 694	455	203	28 299	594	(D)	3 928
1992	421 556	1 231	251	29 412	475	230	3 771
Cattle and calves sold ..... farms, 1997	38 548	511	362	652	545	281	505
1992	43 780	588	435	784	579	323	562
number, 1997	2 881 122	38 633	23 016	31 424	24 987	32 089	34 942
1992	3 223 645	37 428	23 270	39 346	26 334	36 667	54 763
$1,000, 1997	1 850 796	24 368	12 980	15 322	11 389	23 709	25 158
1992	2 235 422	24 859	14 129	22 714	13 310	27 864	41 002
1997 farms by number sold:							
1 to 9 ..... farms	7 696	67	44	80	100	32	126
number	40 143	383	220	396	577	140	627
10 to 19 ..... farms	7 787	67	61	102	108	48	102
number	108 022	948	903	1 403	1 464	683	1 449
20 to 49 ..... farms	12 313	177	130	252	190	92	165
number	381 624	5 640	3 983	7 894	6 100	2 810	4 921
50 to 99 ..... farms	5 816	118	79	153	95	57	66
number	392 464	7 979	5 249	10 187	6 168	3 906	4 286
100 to 199 ..... farms	2 651	54	37	47	39	22	24
number	353 456	7 489	4 799	6 066	5 365	3 059	3 302
200 to 499 ..... farms	1 487	21	4	16	10	19	15
number	444 564	5 677	1 074	(D)	2 499	5 527	4 999
500 or more ..... farms	798	7	7	2	3	11	7
number	1 160 849	10 517	6 788	(D)	2 814	15 964	15 358
Calves sold ..... farms, 1997	13 659	192	149	289	289	89	135
1992	15 223	204	167	357	290	85	163
number, 1997	374 343	5 399	4 030	7 084	7 273	2 303	2 410
1992	375 373	5 037	4 194	8 652	6 575	3 088	3 002
$1,000, 1997	104 629	1 723	1 289	1 628	2 502	606	706
1992	127 024	1 997	1 734	2 844	2 473	1 386	1 066
1997 farms by number sold:							
1 to 9 ..... farms	4 622	48	32	72	95	30	57
number	21 216	(D)	151	341	(D)	(D)	(D)
10 to 19 ..... farms	3 430	51	35	84	63	19	28
number	46 494	697	490	1 128	912	249	377
20 to 49 ..... farms	3 961	65	58	100	90	30	42
number	116 235	1 791	1 667	3 067	2 744	876	1 168
50 to 99 ..... farms	1 165	21	21	25	36	6	7
number	75 169	1 494	1 392	1 603	2 310	344	459
100 to 199 ..... farms	318	5	3	8	4	3	1
number	40 206	648	330	945	599	436	(D)
200 to 499 ..... farms	126	2	–	–	1	1	–
number	35 644	(D)	–	–	(D)	(D)	–
500 or more ..... farms	37	–	–	–	–	–	–
number	39 379	–	–	–	–	–	–
Cattle sold ..... farms, 1997	31 926	418	289	539	404	244	446
1992	37 327	507	363	670	442	277	491
number, 1997	2 506 779	33 234	18 986	24 340	17 714	29 786	32 532
1992	2 848 272	32 391	19 076	30 694	19 759	33 579	51 761
$1,000, 1997	1 746 167	22 645	11 691	13 695	8 888	23 104	24 451
1992	2 108 398	22 862	12 395	19 870	10 836	26 478	39 936
1997 farms by number sold:							
1 to 9 ..... farms	7 736	70	54	87	107	42	121
number	37 415	351	270	443	542	165	547
10 to 19 ..... farms	6 351	52	47	105	81	42	99
number	87 191	730	699	1 414	1 081	618	1 403
20 to 49 ..... farms	9 177	132	96	184	121	66	127
number	284 846	4 216	3 052	5 669	3 845	2 085	3 700
50 to 99 ..... farms	4 389	93	52	107	61	45	56
number	296 355	6 332	3 377	6 921	4 025	3 144	3 651
100 to 199 ..... farms	2 194	46	29	43	22	21	21
number	292 762	6 422	3 891	5 665	3 133	2 941	2 874
200 to 499 ..... farms	1 318	18	4	12	9	17	15
number	395 355	4 666	1 074	(D)	2 274	4 929	4 999
500 or more ..... farms	761	7	7	1	3	11	7
number	1 112 855	10 517	6 623	(D)	2 814	15 904	15 358

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
INVENTORY—Con.							
Cattle and calves—Con.							
Steers, steer calves, bulls, and bull calves ..... farms, 1997	235	209	342	426	177	312	150
1992	287	225	423	472	171	357	180
number, 1997	7 153	5 949	8 447	10 328	11 808	8 895	11 233
1992	10 568	10 350	11 105	11 126	12 130	10 168	10 110
1997 farms by inventory:							
1 to 9 ..... farms	103	121	166	203	68	133	54
number	405	495	680	817	229	603	251
10 to 19 ..... farms	55	37	64	103	38	84	36
number	730	488	863	1 371	489	1 149	473
20 to 49 ..... farms	52	31	67	70	34	48	34
number	1 546	1 015	1 885	1 948	1 053	1 431	1 025
50 to 99 ..... farms	12	6	29	31	17	30	10
number	(D)	(D)	1 931	2 088	1 102	1 956	604
100 to 199 ..... farms	7	9	9	13	13	10	3
number	853	1 226	1 267	1 734	1 808	(D)	431
200 to 499 ..... farms	4	2	7	5	4	6	7
number	1 074	(D)	1 821	(D)	953	1 980	2 516
500 or more ..... farms	2	3	–	1	3	1	6
number	(D)	1 900	–	(D)	6 174	(D)	5 933
SALES							
Dairy products sold ..... farms, 1997	31	3	109	137	3	41	–
1992	44	6	195	198	11	78	4
$1,000, 1997	2 930	(D)	10 709	5 996	(D)	3 405	–
1992	3 433	432	14 692	6 848	656	5 110	99
Cattle and calves sold ..... farms, 1997	262	231	401	489	204	366	189
1992	340	251	511	538	210	436	216
number, 1997	12 358	14 451	20 830	18 844	26 398	17 507	22 110
1992	15 672	21 791	18 820	19 228	31 360	20 777	19 869
$1,000, 1997	8 093	9 773	11 428	12 181	19 702	12 274	17 112
1992	11 022	15 634	11 251	12 901	24 913	14 645	15 148
1997 farms by number sold:							
1 to 9 ..... farms	64	79	107	153	44	88	54
number	307	412	519	778	202	456	266
10 to 19 ..... farms	64	45	108	125	41	93	21
number	855	641	1 484	1 714	598	1 293	283
20 to 49 ..... farms	86	68	108	127	51	118	58
number	2 474	1 931	3 369	3 920	1 582	3 737	1 871
50 to 99 ..... farms	26	18	51	40	31	38	19
number	1 678	1 186	3 386	2 615	2 199	2 343	1 144
100 to 199 ..... farms	11	7	20	30	18	13	15
number	1 380	1 059	2 683	3 942	2 418	1 674	1 976
200 to 499 ..... farms	8	8	5	10	13	10	14
number	2 232	2 389	(D)	3 160	4 110	3 178	4 860
500 or more ..... farms	3	6	2	4	6	6	8
number	3 432	6 833	(D)	2 715	15 289	4 826	11 710
Calves sold ..... farms, 1997	88	80	148	195	49	117	42
1992	98	85	213	240	48	147	61
number, 1997	1 861	1 131	5 612	3 199	1 067	1 783	1 429
1992	2 048	1 733	4 961	3 423	1 052	3 557	1 536
$1,000, 1997	497	333	1 979	761	292	523	461
1992	644	573	1 307	985	380	874	542
1997 farms by number sold:							
1 to 9 ..... farms	37	38	61	96	18	59	13
number	(D)	(D)	269	439	(D)	275	(D)
10 to 19 ..... farms	20	21	36	58	12	29	7
number	258	302	487	768	175	402	88
20 to 49 ..... farms	20	19	40	27	14	26	11
number	579	525	1 204	760	414	783	307
50 to 99 ..... farms	9	2	7	11	4	2	10
number	593	(D)	403	761	279	(D)	598
100 to 199 ..... farms	2	–	2	2	1	–	–
number	(D)	–	(D)	(D)	(D)	–	–
200 to 499 ..... farms	–	–	1	1	–	1	1
number	–	–	(D)	(D)	–	(D)	(D)
500 or more ..... farms	–	–	1	–	–	–	–
number	–	–	(D)	–	–	–	–
Cattle sold ..... farms, 1997	232	177	344	393	171	323	155
1992	306	204	454	444	192	376	184
number, 1997	10 497	13 320	15 218	15 645	25 331	15 724	20 681
1992	13 624	20 058	13 859	15 805	30 308	17 220	18 333
$1,000, 1997	7 596	9 440	9 448	11 420	19 410	11 751	16 651
1992	10 377	15 061	9 944	11 916	24 534	13 772	14 606
1997 farms by number sold:							
1 to 9 ..... farms	75	61	103	146	35	91	45
number	356	312	480	695	159	394	217
10 to 19 ..... farms	53	31	98	85	36	81	16
number	696	431	1 335	1 157	520	1 149	222
20 to 49 ..... farms	70	48	87	90	40	87	47
number	1 998	1 358	2 599	2 821	1 276	2 694	1 568
50 to 99 ..... farms	16	18	36	36	24	36	13
number	975	1 252	2 411	2 345	1 718	2 132	766
100 to 199 ..... farms	8	5	15	23	17	13	13
number	1 029	745	1 954	2 982	2 278	1 701	1 708
200 to 499 ..... farms	7	8	4	9	13	9	13
number	2 011	2 389	(D)	2 930	4 091	2 828	4 490
500 or more ..... farms	3	6	1	4	6	6	8
number	3 432	6 833	(D)	2 715	15 289	4 826	11 710

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
INVENTORY—Con.							
Cattle and calves—Con.							
Steers, steer calves, bulls, and bull calves ..... farms, 1997..	322	389	341	135	321	366	396
1992..	330	455	384	143	374	373	408
number, 1997..	32 876	17 885	10 407	3 708	20 612	15 243	10 517
1992..	28 129	20 986	12 279	2 978	22 099	13 564	9 705
1997 farms by inventory:							
1 to 9 ..... farms..	93	133	132	65	105	135	147
number..	402	473	537	214	472	595	593
10 to 19 ..... farms..	72	82	78	34	60	78	90
number..	975	1 130	1 100	447	840	1 060	1 230
20 to 49 ..... farms..	82	106	81	28	85	94	114
number..	2 362	3 267	2 343	882	2 558	2 786	3 495
50 to 99 ..... farms..	16	36	28	4	27	34	33
number..	1 074	2 481	1 741	286	1 850	2 224	2 197
100 to 199 ..... farms..	25	12	17	2	17	16	6
number..	3 539	1 741	2 278	(D)	2 376	2 071	(D)
200 to 499 ..... farms..	21	11	4	–	20	3	4
number..	6 760	3 241	(D)	–	5 975	949	1 008
500 or more ..... farms..	13	9	1	2	7	6	2
number..	17 764	5 552	(D)	(D)	6 541	5 558	(D)
SALES							
Dairy products sold ..... farms, 1997..	6	6	21	12	18	98	9
1992..	13	14	26	11	37	140	15
$1,000, 1997..	406	507	1 613	1 325	1 276	10 812	386
1992..	563	485	1 519	657	2 124	8 149	455
Cattle and calves sold ..... farms, 1997..	408	439	399	158	380	427	448
1992..	458	509	439	161	435	462	465
number, 1997..	96 731	38 632	21 979	6 443	41 082	32 405	20 242
1992..	102 359	44 107	24 119	6 683	43 076	31 066	21 210
$1,000, 1997..	65 000	25 347	14 762	4 408	28 257	23 837	10 099
1992..	77 586	31 239	17 361	4 286	32 610	24 358	11 244
1997 farms by number sold:							
1 to 9 ..... farms..	61	63	99	46	55	90	90
number..	286	330	542	189	285	491	424
10 to 19 ..... farms..	77	87	74	44	74	97	75
number..	1 111	1 222	1 023	620	967	1 388	1 039
20 to 49 ..... farms..	119	134	124	41	112	142	157
number..	3 630	4 175	3 734	1 248	3 555	4 251	4 836
50 to 99 ..... farms..	47	84	57	20	65	55	88
number..	3 033	5 691	3 824	1 410	4 381	3 717	6 112
100 to 199 ..... farms..	37	34	29	4	27	17	29
number..	4 872	4 550	3 944	496	3 626	2 157	3 543
200 to 499 ..... farms..	27	20	12	–	31	13	6
number..	8 684	6 275	3 524	–	9 544	3 977	1 748
500 or more ..... farms..	40	17	4	3	16	13	3
number..	75 115	16 389	5 388	2 480	18 724	16 424	2 540
Calves sold ..... farms, 1997..	113	160	101	37	98	125	204
1992..	117	186	129	48	105	141	201
number, 1997..	7 467	4 770	2 257	611	2 258	4 221	5 284
1992..	8 402	4 877	2 341	690	2 402	2 697	4 557
$1,000, 1997..	1 759	1 683	501	133	700	796	1 727
1992..	2 977	1 834	855	209	974	765	1 818
1997 farms by number sold:							
1 to 9 ..... farms..	29	46	40	14	32	42	68
number..	(D)	(D)	(D)	(D)	147	213	289
10 to 19 ..... farms..	31	47	31	10	25	40	48
number..	440	600	396	126	315	586	658
20 to 49 ..... farms..	30	41	17	11	30	32	60
number..	908	1 228	500	253	872	852	1 800
50 to 99 ..... farms..	13	21	11	1	8	8	24
number..	838	1 449	706	(D)	476	543	1 570
100 to 199 ..... farms..	5	2	1	1	2	–	2
number..	634	(D)	(D)	(D)	(D)	–	(D)
200 to 499 ..... farms..	2	3	1	–	1	1	2
number..	(D)	1 020	(D)	–	(D)	(D)	(D)
500 or more ..... farms..	3	–	–	–	–	2	–
number..	4 100	–	–	–	–	(D)	–
Cattle sold ..... farms, 1997..	342	347	345	141	333	370	333
1992..	388	430	382	141	392	411	392
number, 1997..	89 264	33 862	19 722	5 832	38 824	28 184	14 958
1992..	93 957	39 230	21 778	5 993	40 674	28 369	16 653
$1,000, 1997..	63 241	23 665	14 262	4 275	27 557	23 041	8 372
1992..	74 609	29 405	16 506	4 076	31 636	23 593	9 426
1997 farms by number sold:							
1 to 9 ..... farms..	57	55	90	46	52	87	88
number..	242	222	450	185	258	429	417
10 to 19 ..... farms..	58	67	60	39	67	93	50
number..	807	984	860	558	853	1 330	683
20 to 49 ..... farms..	101	101	108	33	92	101	101
number..	3 150	3 070	3 245	1 034	3 024	3 034	3 150
50 to 99 ..... farms..	34	59	45	17	52	50	67
number..	2 205	4 022	3 100	1 179	3 433	3 280	4 751
100 to 199 ..... farms..	29	31	28	3	24	17	20
number..	3 824	4 091	3 800	396	3 247	2 269	2 448
200 to 499 ..... farms..	25	17	10	–	30	10	4
number..	8 021	5 094	2 879	–	9 285	3 161	969
500 or more ..... farms..	38	17	4	3	16	12	3
number..	71 015	16 379	5 388	2 480	18 724	14 681	2 540

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
INVENTORY—Con.							
Cattle and calves—Con.							
Steers, steer calves, bulls, and bull calves ..... farms, 1997	153	755	468	526	238	510	413
1992	187	879	485	632	261	556	390
number, 1997	6 920	19 612	20 350	22 628	5 856	12 046	20 843
1992	11 461	25 799	25 179	25 596	8 394	11 744	13 719
1997 farms by inventory:							
1 to 9 ..... farms	49	316	188	173	115	234	171
number	214	1 321	814	723	449	899	729
10 to 19 ..... farms	44	140	97	118	60	114	84
number	644	1 875	1 345	1 584	783	1 528	1 104
20 to 49 ..... farms	37	195	96	150	39	103	90
number	1 091	5 954	2 996	4 491	1 114	3 171	2 738
50 to 99 ..... farms	10	75	41	41	12	40	44
number	639	4 986	2 739	2 697	808	2 617	2 967
100 to 199 ..... farms	7	21	25	22	8	14	12
number	870	2 848	3 317	2 842	1 064	1 812	1 566
200 to 499 ..... farms	3	6	16	16	2	4	8
number	931	(D)	4 857	4 765	(D)	(D)	2 155
500 or more ..... farms	3	2	5	6	2	1	4
number	2 531	(D)	4 282	5 526	(D)	(D)	9 584
SALES							
Dairy products sold ..... farms, 1997	2	423	41	14	4	68	6
1992	4	553	60	23	7	77	12
$1,000, 1997	(D)	40 790	3 778	1 041	(D)	2 918	459
1992	132	44 069	4 720	1 440	301	2 482	515
Cattle and calves sold ..... farms, 1997	181	969	559	632	259	588	453
1992	230	1 118	600	728	293	605	446
number, 1997	14 781	39 801	55 856	47 748	18 319	26 178	50 509
1992	22 239	45 983	56 188	48 535	14 829	24 332	42 784
$1,000, 1997	10 281	20 459	39 570	30 913	11 534	12 128	31 687
1992	17 139	25 933	41 243	32 650	10 410	12 591	24 669
1997 farms by number sold:							
1 to 9 ..... farms	35	162	128	98	72	140	65
number	198	902	587	522	373	770	367
10 to 19 ..... farms	39	219	108	129	58	114	78
number	549	3 031	1 538	1 771	796	1 590	1 016
20 to 49 ..... farms	57	350	143	215	80	187	159
number	1 800	10 591	4 450	6 782	2 451	5 866	5 077
50 to 99 ..... farms	21	166	76	88	30	100	95
number	1 485	11 066	5 520	5 955	2 137	6 724	6 469
100 to 199 ..... farms	15	54	52	49	9	26	38
number	2 047	7 237	7 119	6 926	1 080	(D)	5 121
200 to 499 ..... farms	9	14	37	39	6	19	12
number	2 792	3 972	10 668	11 328	1 529	5 609	3 329
500 or more ..... farms	5	4	15	14	4	2	6
number	5 910	3 002	25 974	14 464	9 953	(D)	29 130
Calves sold ..... farms, 1997	44	486	141	208	93	301	215
1992	45	577	155	241	92	276	199
number, 1997	857	12 589	3 771	5 698	1 754	7 474	6 349
1992	1 027	12 085	3 508	6 018	1 653	5 584	5 841
$1,000, 1997	241	2 911	873	1 894	505	2 518	2 092
1992	387	3 336	1 163	2 405	575	2 164	2 079
1997 farms by number sold:							
1 to 9 ..... farms	17	135	56	63	42	116	71
number	(D)	(D)	228	(D)	(D)	560	(D)
10 to 19 ..... farms	16	124	28	59	25	67	40
number	211	1 685	351	802	327	923	513
20 to 49 ..... farms	10	167	37	55	15	80	68
number	311	4 921	1 094	1 610	432	2 295	2 068
50 to 99 ..... farms	–	42	10	26	9	27	26
number	–	2 748	657	1 779	598	1 695	1 711
100 to 199 ..... farms	–	16	7	2	2	8	8
number	–	1 883	777	(D)	(D)	1 001	932
200 to 499 ..... farms	1	2	3	3	–	3	1
number	(D)	(D)	664	912	–	1 000	(D)
500 or more ..... farms	–	–	–	–	–	–	1
number	–	–	–	–	–	–	(D)
Cattle sold ..... farms, 1997	159	787	499	530	216	443	367
1992	210	902	540	602	245	502	359
number, 1997	13 924	27 212	52 085	42 050	16 565	18 704	44 160
1992	21 212	33 898	52 680	42 517	13 176	18 748	36 943
$1,000, 1997	10 040	17 549	38 697	29 020	11 029	9 610	29 595
1992	16 752	22 596	40 080	30 245	9 835	10 427	22 591
1997 farms by number sold:							
1 to 9 ..... farms	34	200	129	93	70	146	77
number	186	1 012	571	456	324	738	377
10 to 19 ..... farms	30	201	94	102	43	69	68
number	419	2 731	1 328	1 411	583	947	881
20 to 49 ..... farms	50	240	121	175	67	133	123
number	1 624	7 219	3 780	5 540	2 069	4 168	3 882
50 to 99 ..... farms	17	104	60	67	20	60	54
number	1 207	6 924	4 315	4 454	1 377	4 102	3 787
100 to 199 ..... farms	15	29	47	43	6	18	30
number	2 043	3 687	6 446	5 831	780	(D)	3 909
200 to 499 ..... farms	8	9	33	38	6	15	10
number	2 535	2 637	9 671	11 208	1 479	4 267	2 694
500 or more ..... farms	5	4	15	12	4	2	5
number	5 910	3 002	25 974	13 150	9 953	(D)	28 630

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
INVENTORY—Con.								
Cattle and calves—Con.								
Steers, steer calves, bulls, and bull calves ..... farms, 1997	562	218	127	792	129	533	216	188
1992	648	237	153	863	136	645	251	189
number, 1997	21 768	4 925	15 982	36 151	10 532	18 877	7 135	9 265
1992	24 001	4 254	13 997	39 457	8 605	23 462	7 673	6 758
1997 farms by inventory:								
1 to 9 ..... farms	169	103	47	242	46	169	104	82
number	652	358	176	855	181	687	442	383
10 to 19 ..... farms	117	51	27	150	25	110	46	25
number	1 539	654	394	2 023	322	1 463	618	337
20 to 49 ..... farms	154	45	20	213	24	138	34	45
number	4 601	1 362	641	6 484	711	4 085	956	1 283
50 to 99 ..... farms	68	11	11	97	8	64	13	16
number	4 519	693	717	6 374	499	4 125	812	1 009
100 to 199 ..... farms	39	4	10	52	12	37	7	10
number	4 984	(D)	1 294	6 710	1 738	4 815	1 029	1 163
200 to 499 ..... farms	14	3	4	31	8	15	12	5
number	(D)	663	1 393	8 993	2 562	3 702	3 278	1 615
500 or more ..... farms	1	1	8	7	6	–	–	5
number	(D)	(D)	11 367	4 712	4 519	–	–	3 475
SALES								
Dairy products sold ..... farms, 1997	318	8	6	426	–	215	26	16
1992	411	11	11	551	3	322	22	24
$1,000, 1997	35 312	1 080	700	52 785	–	25 105	1 795	469
1992	35 771	1 383	775	57 572	(D)	26 729	718	1 237
Cattle and calves sold ..... farms, 1997	709	242	139	1 046	150	631	257	213
1992	831	264	179	1 153	164	775	287	229
number, 1997	45 575	10 851	28 787	66 574	18 226	32 830	11 429	13 645
1992	48 229	9 534	31 241	75 196	15 543	39 677	15 574	14 252
$1,000, 1997	30 636	5 815	21 207	41 993	13 470	19 667	7 868	9 451
1992	30 970	6 186	24 764	49 129	11 965	25 114	12 878	11 202
1997 farms by number sold:								
1 to 9 ..... farms	98	79	26	151	30	104	68	57
number	544	410	130	811	142	545	329	342
10 to 19 ..... farms	142	52	15	220	28	119	70	48
number	2 055	706	180	3 128	381	1 631	987	646
20 to 49 ..... farms	275	59	52	354	38	238	64	59
number	8 424	1 818	1 591	11 253	1 160	7 455	2 000	1 810
50 to 99 ..... farms	102	38	16	185	24	99	27	26
number	6 785	2 445	1 106	12 538	1 586	6 830	1 970	1 793
100 to 199 ..... farms	54	7	14	80	12	44	13	12
number	7 074	959	1 837	9 873	1 773	5 511	1 913	1 627
200 to 499 ..... farms	28	3	5	34	8	22	15	6
number	7 925	863	1 770	10 372	2 321	6 681	4 230	1 827
500 or more ..... farms	10	4	11	22	10	5	–	5
number	12 768	3 650	22 173	18 599	10 863	4 177	–	5 600
Calves sold ..... farms, 1997	282	96	32	473	40	231	72	43
1992	385	88	34	545	49	288	76	48
number, 1997	6 719	3 014	801	12 644	620	7 375	1 015	627
1992	8 945	1 611	739	14 930	815	6 938	997	793
$1,000, 1997	1 413	804	247	2 417	239	1 712	269	227
1992	1 933	497	279	3 577	316	1 816	302	252
1997 farms by number sold:								
1 to 9 ..... farms	60	39	8	112	19	57	36	29
number	(D)	183	36	583	(D)	275	(D)	(D)
10 to 19 ..... farms	85	24	7	141	6	66	18	4
number	1 165	311	93	1 932	79	933	241	60
20 to 49 ..... farms	111	20	14	165	13	82	16	8
number	3 184	569	410	4 860	356	2 395	482	245
50 to 99 ..... farms	21	10	2	44	2	17	2	1
number	1 349	610	(D)	2 812	(D)	1 119	(D)	(D)
100 to 199 ..... farms	4	1	1	7	–	6	–	1
number	474	(D)	(D)	755	–	811	–	(D)
200 to 499 ..... farms	1	1	–	2	–	2	–	–
number	(D)	(D)	–	(D)	–	(D)	–	–
500 or more ..... farms	–	1	–	2	–	1	–	–
number	–	(D)	–	(D)	–	(D)	–	–
Cattle sold ..... farms, 1997	599	182	121	853	127	537	223	199
1992	709	216	169	981	139	664	240	211
number, 1997	38 856	7 837	27 986	53 930	17 606	25 455	10 414	13 018
1992	39 284	7 923	30 502	60 266	14 728	32 739	14 577	13 459
$1,000, 1997	29 223	5 011	20 960	39 576	13 231	17 955	7 598	9 224
1992	29 037	5 689	24 485	45 552	11 649	23 298	12 577	10 949
1997 farms by number sold:								
1 to 9 ..... farms	119	65	26	175	27	130	63	56
number	650	286	122	890	129	678	316	301
10 to 19 ..... farms	148	37	16	184	21	113	59	43
number	2 054	497	188	2 529	292	1 567	833	576
20 to 49 ..... farms	182	41	39	257	28	156	52	54
number	5 378	1 240	1 247	7 987	842	4 933	1 611	1 598
50 to 99 ..... farms	66	29	11	133	21	77	21	24
number	4 343	1 847	759	9 043	1 406	5 283	1 511	1 645
100 to 199 ..... farms	49	5	13	53	12	38	13	11
number	6 405	(D)	1 727	6 822	1 773	4 683	1 913	1 471
200 to 499 ..... farms	25	2	5	30	8	19	15	6
number	7 258	(D)	1 770	9 349	2 301	5 728	4 230	1 827
500 or more ..... farms	10	3	11	21	10	4	–	5
number	12 768	2 650	22 173	17 310	10 863	2 583	–	5 600

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
INVENTORY—Con.								
Cattle and calves—Con.								
Steers, steer calves, bulls, and bull calves ..... farms, 1997	197	214	188	412	101	153	221	327
1992	230	238	202	469	111	180	258	362
number, 1997	9 690	8 806	10 095	11 603	1 751	4 139	8 769	13 561
1992	8 636	9 869	11 568	10 993	2 975	6 861	9 328	14 619
1997 farms by inventory:								
1 to 9 ..... farms	78	102	83	169	61	71	103	110
number	365	459	349	665	263	278	457	463
10 to 19 ..... farms	44	39	41	119	15	36	51	72
number	613	543	558	1 648	193	498	692	1 021
20 to 49 ..... farms	50	41	33	86	19	32	37	92
number	1 498	1 148	969	2 535	567	963	1 102	2 605
50 to 99 ..... farms	14	17	15	23	2	7	10	27
number	993	1 012	981	1 477	(D)	444	(D)	1 766
100 to 199 ..... farms	6	7	8	8	3	3	8	12
number	(D)	1 009	1 006	1 135	390	(D)	1 106	1 757
200 to 499 ..... farms	2	4	4	5	1	3	10	9
number	(D)	1 121	1 257	(D)	(D)	958	3 025	2 554
500 or more ..... farms	3	4	4	2	–	1	2	5
number	4 743	3 514	4 975	(D)	–	(D)	(D)	3 395
SALES								
Dairy products sold ..... farms, 1997	2	2	11	7	5	6	5	5
1992	3	1	21	16	6	13	5	6
$1,000, 1997	(D)	(D)	1 372	680	803	595	305	126
1992	282	(D)	1 276	607	658	805	252	124
Cattle and calves sold ..... farms, 1997	228	240	219	461	114	199	246	358
1992	274	277	272	514	123	217	291	404
number, 1997	26 808	19 366	24 536	29 062	6 806	11 075	15 667	25 843
1992	27 237	22 837	35 522	26 915	11 438	15 404	22 551	29 969
$1,000, 1997	17 461	12 663	18 438	17 035	4 049	7 735	9 968	15 686
1992	20 222	12 631	27 999	17 097	8 131	11 567	16 492	20 207
1997 farms by number sold:								
1 to 9 ..... farms	33	67	59	82	40	57	73	49
number	156	333	340	449	206	289	375	259
10 to 19 ..... farms	53	57	37	94	30	43	49	56
number	732	763	524	1 327	436	577	677	755
20 to 49 ..... farms	85	58	67	172	22	56	65	156
number	2 545	1 776	1 953	5 343	674	1 666	1 979	4 707
50 to 99 ..... farms	35	29	26	75	14	16	26	51
number	2 178	1 906	1 679	4 884	958	1 039	1 638	3 425
100 to 199 ..... farms	14	18	15	27	3	9	16	23
number	1 831	2 521	2 011	3 633	(D)	(D)	2 433	3 042
200 to 499 ..... farms	5	4	10	8	3	16	9	16
number	(D)	1 179	2 934	(D)	1 083	4 951	2 609	4 889
500 or more ..... farms	3	7	5	3	2	2	8	7
number	(D)	10 888	15 095	(D)	(D)	(D)	5 956	8 766
Calves sold ..... farms, 1997	94	77	57	225	36	47	86	121
1992	94	110	57	243	41	51	63	116
number, 1997	1 926	1 347	1 177	5 798	1 651	618	2 373	4 296
1992	2 579	6 258	1 286	6 241	1 504	1 296	1 086	2 594
$1,000, 1997	661	456	392	1 919	270	181	573	1 412
1992	1 084	1 383	485	2 450	450	326	405	940
1997 farms by number sold:								
1 to 9 ..... farms	32	34	28	64	18	26	37	45
number	(D)	142	109	(D)	(D)	(D)	(D)	(D)
10 to 19 ..... farms	28	19	11	52	9	9	23	16
number	374	245	141	692	133	123	319	193
20 to 49 ..... farms	24	18	15	77	5	10	17	41
number	677	526	409	2 308	184	251	493	1 212
50 to 99 ..... farms	9	6	–	25	3	2	5	13
number	505	434	–	1 473	196	(D)	305	856
100 to 199 ..... farms	–	–	2	6	–	–	3	1
number	–	–	(D)	734	–	–	403	(D)
200 to 499 ..... farms	1	–	1	1	–	–	–	4
number	(D)	–	(D)	(D)	–	–	–	1 199
500 or more ..... farms	–	–	–	–	1	–	1	1
number	–	–	–	–	(D)	–	(D)	(D)
Cattle sold ..... farms, 1997	178	197	199	338	98	176	207	291
1992	228	219	251	395	102	196	266	352
number, 1997	24 882	18 019	23 359	23 264	5 155	10 457	13 294	21 547
1992	24 658	16 579	34 236	20 674	9 934	14 108	21 465	27 375
$1,000, 1997	16 800	12 207	18 046	15 116	3 779	7 553	9 395	14 274
1992	19 138	11 248	27 514	14 647	7 682	11 241	16 087	19 266
1997 farms by number sold:								
1 to 9 ..... farms	36	57	62	77	41	61	68	43
number	155	272	353	402	178	298	330	207
10 to 19 ..... farms	37	43	33	81	21	30	41	47
number	519	577	459	1 101	291	406	585	628
20 to 49 ..... farms	60	40	54	107	18	44	50	123
number	1 849	1 152	1 600	3 345	504	1 335	1 563	3 724
50 to 99 ..... farms	25	33	24	45	11	14	20	36
number	1 555	2 197	1 619	3 092	778	918	1 204	2 465
100 to 199 ..... farms	13	13	12	20	3	9	12	20
number	1 676	1 754	1 549	2 710	(D)	(D)	1 787	2 744
200 to 499 ..... farms	4	4	9	5	3	16	9	16
number	(D)	1 179	2 684	(D)	1 083	4 951	2 596	4 476
500 or more ..... farms	3	7	5	3	1	2	7	6
number	(D)	10 888	15 095	(D)	(D)	(D)	5 229	7 303

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
INVENTORY—Con.								
Cattle and calves—Con.								
Steers, steer calves, bulls, and bull calves ..... farms, 1997	279	321	92	249	395	741	450	312
1992	287	338	103	294	445	838	607	345
number, 1997	5 473	11 112	5 816	14 586	14 726	32 616	19 199	6 274
1992	5 139	13 747	6 863	16 166	19 341	37 845	19 959	7 914
1997 farms by inventory:								
1 to 9 ..... farms	126	125	36	71	131	226	163	153
number	557	541	152	275	568	970	738	615
10 to 19 ..... farms	65	58	21	60	77	169	103	74
number	880	801	273	839	1 024	2 384	1 426	1 017
20 to 49 ..... farms	62	84	17	64	130	184	109	55
number	1 711	2 521	489	1 960	3 975	5 501	3 417	1 681
50 to 99 ..... farms	18	28	4	26	32	79	39	18
number	1 297	1 862	266	1 661	2 201	5 430	2 567	1 201
100 to 199 ..... farms	7	15	2	14	18	53	25	9
number	(D)	(D)	(D)	1 780	2 444	6 809	3 397	990
200 to 499 ..... farms	1	9	10	8	3	23	6	3
number	(D)	2 279	2 681	2 812	727	6 609	1 840	770
500 or more ..... farms	–	2	2	6	4	7	5	–
number	–	(D)	(D)	5 259	3 787	4 913	5 814	–
SALES								
Dairy products sold ..... farms, 1997	7	110	7	2	24	134	18	12
1992	8	126	11	13	30	165	35	9
$1,000, 1997	765	8 005	512	(D)	1 824	12 503	1 468	895
1992	642	8 071	611	707	1 673	11 637	2 713	856
Cattle and calves sold ..... farms, 1997	309	384	116	300	446	850	525	352
1992	308	407	130	338	531	974	698	373
number, 1997	11 757	18 262	11 625	28 628	31 328	56 144	34 922	12 132
1992	10 201	19 353	13 754	30 251	38 648	71 830	42 801	15 732
$1,000, 1997	5 646	11 800	7 941	19 635	20 415	36 123	24 126	6 270
1992	5 973	12 956	10 501	22 772	27 826	49 760	30 449	9 333
1997 farms by number sold:								
1 to 9 ..... farms	79	88	29	55	88	131	76	87
number	420	416	139	296	469	664	409	444
10 to 19 ..... farms	78	74	28	46	104	161	104	101
number	1 064	1 014	359	606	1 418	2 261	1 467	1 383
20 to 49 ..... farms	91	122	24	95	128	295	174	100
number	2 711	3 685	739	2 933	3 936	9 081	5 465	3 082
50 to 99 ..... farms	38	58	13	44	64	124	104	41
number	2 630	3 800	871	2 965	4 420	8 395	7 129	2 799
100 to 199 ..... farms	19	26	5	30	33	83	41	17
number	2 488	3 415	787	3 781	4 206	10 803	5 086	2 084
200 to 499 ..... farms	1	11	14	17	20	43	19	5
number	(D)	2 700	4 711	5 526	6 109	12 671	4 539	(D)
500 or more ..... farms	3	5	3	13	9	13	7	1
number	(D)	3 232	4 019	12 521	10 770	12 269	10 827	(D)
Calves sold ..... farms, 1997	138	122	31	86	137	245	160	154
1992	112	124	36	75	159	345	226	155
number, 1997	4 188	3 064	650	3 129	3 214	7 177	3 727	3 371
1992	2 179	2 590	917	1 299	3 531	9 350	5 434	3 483
$1,000, 1997	882	803	213	1 032	957	1 784	1 236	939
1992	783	710	348	525	1 220	3 093	2 148	1 267
1997 farms by number sold:								
1 to 9 ..... farms	55	43	12	39	43	63	47	60
number	(D)	(D)	(D)	173	171	(D)	(D)	(D)
10 to 19 ..... farms	27	27	7	11	47	67	45	44
number	372	361	85	168	624	948	627	596
20 to 49 ..... farms	44	40	10	19	34	86	49	35
number	1 228	1 214	316	530	877	2 443	1 547	1 020
50 to 99 ..... farms	6	8	–	9	10	17	17	10
number	383	433	–	610	643	983	1 047	654
100 to 199 ..... farms	4	1	2	5	2	7	2	3
number	406	(D)	(D)	500	(D)	937	(D)	340
200 to 499 ..... farms	–	3	–	2	–	4	–	2
number	–	750	–	(D)	–	1 108	–	(D)
500 or more ..... farms	2	–	–	1	1	1	–	–
number	(D)	–	–	(D)	(D)	(D)	–	–
Cattle sold ..... farms, 1997	234	336	105	256	384	723	443	266
1992	259	358	116	300	457	813	589	302
number, 1997	7 569	15 198	10 975	25 499	28 114	48 967	31 195	8 761
1992	8 022	16 763	12 837	28 952	35 117	62 480	37 367	12 249
$1,000, 1997	4 764	10 997	7 727	18 604	19 458	34 339	22 890	5 331
1992	5 190	12 246	10 153	22 246	26 606	46 667	28 301	8 067
1997 farms by number sold:								
1 to 9 ..... farms	74	97	33	47	100	132	78	89
number	376	477	162	233	519	609	397	417
10 to 19 ..... farms	55	65	21	38	84	136	78	61
number	732	892	267	492	1 151	1 884	1 101	829
20 to 49 ..... farms	61	97	19	80	88	228	141	70
number	1 888	2 992	573	2 451	2 801	7 078	4 339	2 055
50 to 99 ..... farms	31	42	10	38	56	101	86	30
number	2 091	2 825	656	2 549	3 878	6 818	5 928	2 048
100 to 199 ..... farms	11	22	5	25	29	77	36	12
number	(D)	2 838	787	3 095	3 767	9 929	4 474	1 522
200 to 499 ..... farms	1	8	14	15	19	37	17	3
number	(D)	1 942	4 511	4 846	5 828	10 880	4 129	(D)
500 or more ..... farms	1	5	3	13	8	12	7	1
number	(D)	3 232	4 019	11 833	10 170	11 769	10 827	(D)

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
INVENTORY—Con.								
Cattle and calves—Con.								
Steers, steer calves, bulls, and bull calves ..... farms, 1997	508	466	381	255	345	531	162	390
1992	540	522	430	290	375	598	175	390
number, 1997	13 140	27 653	8 848	16 433	9 312	16 980	3 615	10 277
1992	13 301	28 833	9 765	17 974	11 444	18 380	3 481	9 225
1997 farms by inventory:								
1 to 9 ..... farms	204	131	157	96	147	286	76	163
number	942	544	666	416	527	1 169	302	660
10 to 19 ..... farms	139	99	72	59	71	103	30	83
number	1 818	1 368	958	807	960	1 328	395	1 101
20 to 49 ..... farms	111	137	110	42	72	96	41	96
number	3 210	4 166	3 282	1 382	2 103	2 916	1 296	2 993
50 to 99 ..... farms	28	45	25	20	35	30	10	28
number	(D)	3 043	(D)	1 391	2 263	1 816	(D)	1 865
100 to 199 ..... farms	15	26	15	20	12	10	2	14
number	1 873	3 494	1 722	2 623	1 491	1 260	(D)	1 658
200 to 499 ..... farms	9	16	2	13	8	3	3	6
number	2 384	4 599	(D)	4 591	1 968	991	753	2 000
500 or more ..... farms	2	12	–	5	–	3	–	–
number	(D)	10 439	–	5 223	–	7 500	–	–
SALES								
Dairy products sold ..... farms, 1997	91	62	5	24	19	50	4	11
1992	106	98	5	46	25	66	2	6
$1,000, 1997	5 319	7 094	398	2 451	2 766	3 753	146	270
1992	4 921	6 708	339	2 857	3 380	3 886	(D)	627
Cattle and calves sold ..... farms, 1997	560	547	412	320	388	602	171	447
1992	605	621	455	364	437	703	189	442
number, 1997	20 686	55 187	23 828	29 965	16 033	27 302	6 929	22 671
1992	24 453	59 127	19 305	29 886	20 282	32 191	8 159	20 919
$1,000, 1997	12 283	38 208	12 156	20 915	9 120	17 659	4 114	10 635
1992	16 313	43 107	11 530	21 848	13 433	22 466	4 948	10 300
1997 farms by number sold:								
1 to 9 ..... farms	128	88	60	68	95	206	36	84
number	664	487	286	324	483	986	169	442
10 to 19 ..... farms	147	96	109	67	81	157	47	90
number	2 083	1 390	1 508	881	1 114	2 104	656	1 265
20 to 49 ..... farms	191	168	145	85	126	163	46	138
number	5 815	5 283	4 596	2 583	3 896	4 814	1 516	4 283
50 to 99 ..... farms	55	105	65	41	50	37	33	94
number	3 584	7 143	4 559	2 869	3 280	2 646	2 498	6 456
100 to 199 ..... farms	24	44	25	25	24	26	7	26
number	2 889	5 923	3 269	3 397	3 107	3 112	(D)	3 454
200 to 499 ..... farms	11	25	6	27	10	10	1	11
number	3 009	8 268	(D)	8 799	(D)	2 806	(D)	3 383
500 or more ..... farms	4	21	2	7	2	3	1	4
number	2 642	26 693	(D)	11 112	(D)	10 834	(D)	3 388
Calves sold ..... farms, 1997	202	157	181	72	150	227	59	218
1992	229	157	178	80	163	229	68	222
number, 1997	3 373	3 594	4 060	2 342	3 907	3 699	1 152	6 690
1992	3 786	3 555	3 533	2 556	3 309	3 172	1 218	6 358
$1,000, 1997	1 029	1 029	1 185	520	1 051	1 107	379	1 896
1992	1 086	992	1 375	791	1 207	1 031	356	2 183
1997 farms by number sold:								
1 to 9 ..... farms	83	45	56	30	54	112	19	48
number	(D)	(D)	230	121	236	507	91	218
10 to 19 ..... farms	62	49	58	15	35	57	24	55
number	817	682	786	207	472	729	335	769
20 to 49 ..... farms	42	50	49	17	44	46	11	80
number	1 233	1 475	1 487	479	1 254	1 392	340	2 312
50 to 99 ..... farms	14	8	14	7	11	8	5	29
number	866	565	969	435	800	508	386	2 038
100 to 199 ..... farms	1	4	4	1	3	4	–	3
number	(D)	450	588	(D)	300	563	–	433
200 to 499 ..... farms	–	1	–	1	3	–	–	3
number	–	(D)	–	(D)	845	–	–	920
500 or more ..... farms	–	–	–	1	–	–	–	–
number	–	–	–	(D)	–	–	–	–
Cattle sold ..... farms, 1997	479	472	311	279	313	494	139	339
1992	526	560	370	323	368	603	170	347
number, 1997	17 313	51 593	19 768	27 623	12 126	23 603	5 777	15 981
1992	20 667	55 572	15 772	27 330	16 973	29 019	6 941	14 561
$1,000, 1997	11 254	37 180	10 971	20 394	8 069	16 551	3 736	8 738
1992	15 227	42 115	10 155	21 058	12 225	21 435	4 592	8 117
1997 farms by number sold:								
1 to 9 ..... farms	153	89	58	55	98	197	34	107
number	719	441	250	253	466	864	141	548
10 to 19 ..... farms	102	71	70	69	61	125	34	62
number	1 423	993	969	919	822	1 695	463	823
20 to 49 ..... farms	146	136	108	66	90	110	38	89
number	4 447	4 176	3 333	2 036	2 846	3 226	1 300	2 858
50 to 99 ..... farms	46	91	48	31	36	31	24	47
number	3 029	6 238	3 327	2 207	2 330	2 166	1 783	3 155
100 to 199 ..... farms	17	40	20	26	19	19	7	22
number	2 125	5 186	2 616	3 517	2 554	2 312	(D)	2 796
200 to 499 ..... farms	11	24	5	25	8	9	1	8
number	2 928	8 066	(D)	8 229	(D)	2 506	(D)	2 413
500 or more ..... farms	4	21	2	7	1	3	1	4
number	2 642	26 493	(D)	10 462	(D)	10 834	(D)	3 388

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
INVENTORY—Con.								
Cattle and calves—Con.								
Steers, steer calves, bulls, and bull calves ..... farms, 1997	409	517	370	412	284	158	271	244
1992	504	559	424	433	339	201	247	283
number, 1997	32 616	13 250	17 659	10 078	10 104	5 338	27 997	19 840
1992	47 359	10 714	18 548	9 676	11 723	4 486	21 919	22 043
1997 farms by inventory:								
1 to 9 ..... farms	103	240	128	189	113	54	82	61
number	432	858	520	770	450	238	323	228
10 to 19 ..... farms	79	105	89	99	65	41	38	59
number	1 126	1 426	1 241	1 314	867	563	504	809
20 to 49 ..... farms	92	109	84	76	66	38	54	57
number	2 696	3 340	2 444	2 304	1 890	1 185	1 650	1 867
50 to 99 ..... farms	56	34	30	33	19	13	31	34
number	3 791	2 275	2 030	2 221	(D)	(D)	2 205	2 321
100 to 199 ..... farms	39	21	22	8	11	7	24	14
number	5 226	2 905	2 778	(D)	1 461	906	3 169	1 840
200 to 499 ..... farms	29	8	12	6	8	4	26	13
number	8 299	2 446	3 638	1 697	2 079	1 144	7 489	4 605
500 or more ..... farms	11	–	5	1	2	1	16	6
number	11 046	–	5 008	(D)	(D)	(D)	12 657	8 170
SALES								
Dairy products sold ..... farms, 1997	58	2	21	14	7	3	76	5
1992	85	5	35	25	17	3	92	7
$1,000, 1997	8 694	(D)	1 998	1 518	1 807	137	6 249	263
1992	6 188	(D)	2 766	2 159	1 429	142	5 299	200
Cattle and calves sold ..... farms, 1997	522	578	446	466	317	179	312	267
1992	668	643	502	501	388	224	293	323
number, 1997	75 088	23 801	37 650	19 223	18 434	8 988	44 839	30 974
1992	103 033	24 757	39 390	19 934	21 846	17 864	38 621	36 927
$1,000, 1997	49 919	12 051	24 305	9 734	12 462	5 240	30 697	20 151
1992	73 784	13 918	29 433	11 691	15 664	12 671	26 558	25 678
1997 farms by number sold:								
1 to 9 ..... farms	57	132	72	141	88	27	58	23
number	287	696	407	662	516	145	284	114
10 to 19 ..... farms	75	103	81	92	67	42	54	32
number	1 046	1 439	1 099	1 253	950	571	693	439
20 to 49 ..... farms	135	220	150	132	85	59	72	90
number	4 190	7 009	4 560	3 993	2 706	1 750	2 332	2 932
50 to 99 ..... farms	118	76	65	68	37	34	42	57
number	8 179	5 193	4 542	4 580	2 529	2 171	2 863	3 750
100 to 199 ..... farms	63	34	38	21	23	8	26	37
number	8 437	4 651	5 442	2 865	3 144	(D)	3 911	5 205
200 to 499 ..... farms	43	9	30	9	14	7	33	19
number	13 094	2 392	9 268	2 595	4 452	1 891	9 508	6 183
500 or more ..... farms	31	4	10	3	3	2	27	9
number	39 855	2 421	12 332	3 275	4 137	(D)	25 248	12 351
Calves sold ..... farms, 1997	126	243	153	206	86	65	85	82
1992	171	286	148	233	117	81	90	83
number, 1997	4 460	5 281	5 806	5 117	1 928	1 735	6 793	3 018
1992	7 874	6 320	3 485	3 944	2 253	1 534	9 381	2 362
$1,000, 1997	1 294	1 675	1 183	1 571	547	564	2 133	946
1992	2 491	2 657	1 209	1 457	882	615	3 295	1 014
1997 farms by number sold:								
1 to 9 ..... farms	38	88	48	87	34	9	36	20
number	(D)	396	(D)	345	(D)	(D)	(D)	(D)
10 to 19 ..... farms	22	54	42	51	18	29	12	18
number	297	747	562	680	238	405	175	247
20 to 49 ..... farms	30	80	44	49	25	21	23	25
number	792	2 440	1 218	1 342	794	623	595	766
50 to 99 ..... farms	25	14	14	12	7	4	6	14
number	1 699	864	867	686	446	220	372	973
100 to 199 ..... farms	9	7	3	4	2	1	3	3
number	1 052	834	340	445	(D)	(D)	489	463
200 to 499 ..... farms	2	–	–	2	–	1	1	2
number	(D)	–	–	(D)	–	(D)	(D)	(D)
500 or more ..... farms	–	–	2	1	–	–	4	–
number	–	–	(D)	(D)	–	–	4 600	–
Cattle sold ..... farms, 1997	454	452	376	380	271	140	277	233
1992	586	519	429	396	337	187	261	286
number, 1997	70 628	18 520	31 844	14 106	16 506	7 253	38 046	27 956
1992	95 159	18 437	35 905	15 990	19 593	16 330	29 240	34 565
$1,000, 1997	48 625	10 375	23 122	8 163	11 915	4 676	28 564	19 205
1992	71 293	11 260	28 225	10 234	14 782	12 056	23 263	24 664
1997 farms by number sold:								
1 to 9 ..... farms	55	127	77	145	82	31	60	32
number	287	619	362	614	446	170	275	153
10 to 19 ..... farms	64	81	67	68	62	30	51	30
number	877	1 079	917	904	862	378	659	391
20 to 49 ..... farms	117	150	112	90	57	38	50	69
number	3 719	4 871	3 464	2 849	1 877	1 201	1 633	2 273
50 to 99 ..... farms	95	59	48	53	34	28	38	43
number	6 550	4 183	3 272	3 568	2 351	1 795	2 610	2 886
100 to 199 ..... farms	53	24	34	16	20	5	24	33
number	7 256	3 369	4 919	2 166	2 646	(D)	3 611	4 455
200 to 499 ..... farms	39	7	30	6	13	6	32	17
number	12 084	1 982	9 268	(D)	4 187	1 599	9 410	5 447
500 or more ..... farms	31	4	8	2	3	2	22	9
number	39 855	2 417	9 642	(D)	4 137	(D)	19 848	12 351

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
INVENTORY—Con.								
Cattle and calves—Con.								
Steers, steer calves, bulls, and bull calves ..... farms, 1997	379	246	259	217	150	403	154	531
1992	410	285	284	286	192	465	178	595
number, 1997	11 017	11 110	6 412	16 523	18 220	14 358	8 995	35 751
1992	11 054	10 927	6 659	17 843	15 514	13 945	10 056	38 592
1997 farms by inventory:								
1 to 9 ..... farms	156	84	117	62	34	142	57	162
number	604	359	438	278	154	674	230	730
10 to 19 ..... farms	75	61	53	40	25	82	30	116
number	1 035	804	739	540	297	1 091	377	1 557
20 to 49 ..... farms	92	61	65	64	36	116	34	127
number	2 741	1 912	1 784	1 994	1 080	3 554	1 094	3 593
50 to 99 ..... farms	33	20	18	20	11	33	12	50
number	2 088	1 355	1 215	1 405	735	(D)	752	3 180
100 to 199 ..... farms	14	11	1	16	14	18	7	36
number	1 934	1 388	(D)	2 297	1 853	2 457	1 059	4 731
200 to 499 ..... farms	9	5	4	9	23	10	9	22
number	2 615	1 485	(D)	2 627	7 477	3 266	2 600	6 830
500 or more ..... farms	–	4	1	6	7	2	5	18
number	–	3 807	(D)	7 382	6 624	(D)	2 883	15 130
SALES								
Dairy products sold ..... farms, 1997	8	3	15	17	22	3	10	30
1992	17	8	24	31	47	8	15	37
$1,000, 1997	1 305	378	1 800	1 361	3 135	(D)	650	3 278
1992	1 306	419	2 567	1 347	3 084	449	504	3 224
Cattle and calves sold ..... farms, 1997	419	281	287	282	195	461	186	621
1992	471	334	324	342	258	511	235	725
number, 1997	24 547	22 658	11 338	33 127	33 693	25 275	18 896	69 607
1992	25 668	20 461	11 826	37 600	28 801	27 085	22 655	92 041
$1,000, 1997	12 078	14 124	7 597	21 204	23 540	15 149	13 859	48 756
1992	13 643	12 783	7 696	28 025	20 326	17 449	16 326	72 771
1997 farms by number sold:								
1 to 9 ..... farms	57	38	76	40	29	69	47	96
number	314	186	375	207	144	386	236	498
10 to 19 ..... farms	87	53	67	55	34	102	34	123
number	1 227	793	917	784	446	1 388	462	1 745
20 to 49 ..... farms	137	99	94	84	42	170	45	191
number	4 173	3 113	2 923	2 533	1 254	5 453	1 537	6 057
50 to 99 ..... farms	80	57	37	43	33	71	18	87
number	5 609	3 769	2 418	3 002	2 414	4 560	1 204	5 977
100 to 199 ..... farms	34	20	7	23	15	29	18	53
number	(D)	2 498	1 053	3 004	1 930	3 815	2 656	7 129
200 to 499 ..... farms	22	9	3	24	29	14	15	39
number	6 373	2 842	802	7 792	7 997	4 342	4 434	11 383
500 or more ..... farms	2	5	3	13	13	6	9	32
number	(D)	9 457	2 850	15 805	19 508	5 331	8 367	36 818
Calves sold ..... farms, 1997	197	109	106	64	38	179	43	188
1992	196	111	112	73	69	171	38	184
number, 1997	5 707	2 665	2 293	2 529	1 552	4 263	603	6 726
1992	4 943	2 264	2 123	2 258	1 856	3 390	593	4 988
$1,000, 1997	1 878	904	890	625	409	1 418	161	1 988
1992	1 975	898	643	725	659	1 366	172	1 927
1997 farms by number sold:								
1 to 9 ..... farms	61	30	48	25	10	67	23	52
number	290	(D)	(D)	106	(D)	(D)	(D)	(D)
10 to 19 ..... farms	50	25	31	13	4	41	10	43
number	684	347	438	184	47	558	130	587
20 to 49 ..... farms	59	39	25	19	17	49	9	61
number	1 746	1 202	720	546	571	1 478	330	1 758
50 to 99 ..... farms	15	14	1	2	5	13	1	21
number	900	911	(D)	(D)	361	745	(D)	1 373
100 to 199 ..... farms	8	1	–	3	–	8	–	6
number	951	(D)	–	397	–	915	–	845
200 to 499 ..... farms	4	–	–	1	2	1	–	4
number	1 136	–	–	(D)	(D)	(D)	–	1 310
500 or more ..... farms	–	–	1	1	–	–	–	1
number	–	–	(D)	(D)	–	–	–	(D)
Cattle sold ..... farms, 1997	332	225	243	248	174	367	166	511
1992	382	288	262	313	234	445	222	643
number, 1997	18 840	19 993	9 045	30 598	32 141	21 012	18 293	62 881
1992	20 725	18 197	9 703	35 342	26 945	23 695	22 062	87 053
$1,000, 1997	10 199	13 219	6 707	20 579	23 131	13 731	13 697	46 768
1992	11 668	11 885	7 053	27 299	19 667	16 083	16 154	70 844
1997 farms by number sold:								
1 to 9 ..... farms	72	44	81	36	29	61	39	83
number	335	213	341	176	134	303	176	383
10 to 19 ..... farms	65	43	47	50	31	86	33	95
number	903	657	655	696	419	1 183	454	1 359
20 to 49 ..... farms	97	71	70	67	34	126	37	153
number	3 020	2 230	2 146	1 976	977	4 063	1 225	4 848
50 to 99 ..... farms	56	34	32	40	27	52	15	72
number	4 150	2 211	2 103	2 797	1 995	3 299	1 007	4 889
100 to 199 ..... farms	23	19	7	21	14	25	18	44
number	(D)	2 398	1 048	2 797	1 840	3 381	2 630	5 967
200 to 499 ..... farms	17	9	3	22	26	11	15	33
number	4 985	2 827	802	7 111	7 268	3 592	4 434	9 788
500 or more ..... farms	2	5	3	12	13	6	9	31
number	(D)	9 457	1 950	15 045	19 508	5 191	8 367	35 647

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
INVENTORY—Con.								
Cattle and calves—Con.								
Steers, steer calves, bulls, and bull calves ..... farms, 1997..	100	171	500	415	379	240	252	378
1992..	149	213	611	487	422	255	299	453
number, 1997..	4 915	3 457	29 733	12 430	12 275	14 508	7 179	17 082
1992..	7 162	4 968	33 234	14 498	12 399	23 350	9 137	19 169
1997 farms by inventory:								
1 to 9 ..... farms..	42	93	177	111	134	86	110	134
number..	190	387	723	484	518	406	460	600
10 to 19 ..... farms..	19	36	110	101	80	56	51	84
number..	270	508	1 497	1 352	1 099	734	668	1 116
20 to 49 ..... farms..	20	25	124	140	96	58	57	101
number..	564	673	3 722	4 208	2 868	1 773	1 710	2 965
50 to 99 ..... farms..	6	11	39	43	19	23	23	34
number..	(D)	681	2 631	2 951	2 863	1 214	1 519	2 156
100 to 199 ..... farms..	6	4	22	11	16	4	3	11
number..	830	(D)	3 111	1 237	(D)	657	(D)	1 594
200 to 499 ..... farms..	6	2	15	9	9	11	7	10
number..	2 129	(D)	4 597	2 198	2 260	3 008	1 825	3 110
500 or more ..... farms..	1	–	13	–	1	6	1	4
number..	(D)	–	13 452	–	(D)	6 716	(D)	5 541
SALES								
Dairy products sold ..... farms, 1997..	6	3	7	8	8	10	21	8
1992..	10	9	13	17	2	16	36	15
$1,000, 1997..	681	260	367	2 286	264	1 097	1 351	494
1992..	425	580	675	1 253	(D)	1 125	4 357	584
Cattle and calves sold ..... farms, 1997..	136	189	560	459	408	284	282	428
1992..	180	240	677	539	479	309	341	513
number, 1997..	10 280	7 572	67 441	22 193	21 919	46 939	14 060	36 781
1992..	15 488	9 728	75 056	30 349	26 367	50 771	19 119	37 856
$1,000, 1997..	6 742	4 509	46 507	12 806	10 652	33 223	9 411	26 741
1992..	11 641	6 240	54 493	19 209	14 185	37 279	12 976	27 533
1997 farms by number sold:								
1 to 9 ..... farms..	26	60	111	65	58	41	92	75
number..	161	308	624	336	365	214	471	421
10 to 19 ..... farms..	27	50	111	79	64	74	52	85
number..	359	724	1 532	1 096	924	1 012	688	1 246
20 to 49 ..... farms..	36	48	175	179	145	87	79	150
number..	1 130	1 501	5 616	5 580	4 744	2 716	2 211	4 621
50 to 99 ..... farms..	20	18	74	85	90	33	28	69
number..	1 371	1 197	4 814	5 489	6 384	2 189	1 856	4 566
100 to 199 ..... farms..	13	8	35	35	40	22	16	26
number..	1 962	(D)	4 538	4 555	5 351	3 085	2 040	3 555
200 to 499 ..... farms..	11	2	30	15	8	12	11	14
number..	3 135	(D)	8 912	(D)	2 401	3 767	3 339	4 304
500 or more ..... farms..	3	3	24	1	3	15	4	9
number..	2 162	2 000	41 405	(D)	1 750	33 956	3 455	18 068
Calves sold ..... farms, 1997..	36	57	156	147	168	67	85	108
1992..	33	83	168	160	174	84	92	135
number, 1997..	1 392	1 299	4 080	3 710	5 097	2 751	2 361	2 417
1992..	853	1 384	4 988	4 177	3 521	1 766	1 970	3 476
$1,000, 1997..	402	429	1 331	998	1 484	683	606	789
1992..	336	542	1 797	1 572	1 311	647	433	1 484
1997 farms by number sold:								
1 to 9 ..... farms..	12	26	65	48	48	21	35	28
number..	53	126	289	222	(D)	116	(D)	(D)
10 to 19 ..... farms..	8	12	32	40	39	25	16	33
number..	106	160	439	549	519	346	204	464
20 to 49 ..... farms..	8	15	38	39	56	17	21	37
number..	224	453	1 093	1 216	1 745	515	537	1 109
50 to 99 ..... farms..	5	–	13	15	15	2	8	8
number..	293	–	825	965	1 015	(D)	498	503
100 to 199 ..... farms..	2	4	4	5	8	1	2	2
number..	(D)	560	442	758	977	(D)	(D)	(D)
200 to 499 ..... farms..	1	–	4	–	2	–	3	–
number..	(D)	–	992	–	(D)	–	740	–
500 or more ..... farms..	–	–	–	–	–	1	–	–
number..	–	–	–	–	–	(D)	–	–
Cattle sold ..... farms, 1997..	115	160	481	374	316	240	238	368
1992..	162	207	602	466	413	266	291	441
number, 1997..	8 888	6 273	63 361	18 483	16 822	44 188	11 699	34 364
1992..	14 635	8 344	70 068	26 172	22 846	49 005	17 149	34 380
$1,000, 1997..	6 340	4 080	45 176	11 808	9 167	32 541	8 806	25 952
1992..	11 305	5 697	52 697	17 637	12 875	36 633	12 543	26 049
1997 farms by number sold:								
1 to 9 ..... farms..	24	54	93	65	60	40	93	71
number..	145	237	479	309	313	184	441	381
10 to 19 ..... farms..	22	44	101	57	42	56	37	74
number..	281	643	1 371	804	603	747	465	1 065
20 to 49 ..... farms..	30	38	148	141	105	66	57	118
number..	927	1 274	4 855	4 356	3 483	2 079	1 581	3 655
50 to 99 ..... farms..	15	15	55	67	69	32	30	59
number..	1 055	1 039	3 649	4 307	4 892	2 139	1 950	3 838
100 to 199 ..... farms..	12	5	35	28	32	20	9	23
number..	1 824	(D)	4 678	(D)	4 251	2 816	1 208	3 188
200 to 499 ..... farms..	9	1	25	15	5	12	8	14
number..	2 494	(D)	7 160	4 424	1 530	3 767	2 599	4 284
500 or more ..... farms..	3	3	24	1	3	14	4	9
number..	2 162	2 000	41 169	(D)	1 750	32 456	3 455	17 953

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
INVENTORY—Con.								
Cattle and calves—Con.								
Steers, steer calves, bulls, and bull calves ..... farms, 1997	499	187	445	393	361	388	344	548
1992	632	184	527	418	409	395	355	640
number, 1997	77 613	7 714	11 080	12 095	11 697	7 776	6 052	10 807
1992	103 582	6 836	15 117	11 963	11 606	7 660	6 291	11 104
1997 farms by inventory:								
1 to 9 ..... farms	119	94	183	131	135	173	174	276
number	491	360	760	487	557	721	688	1 204
10 to 19 ..... farms	58	34	93	89	76	86	76	132
number	789	465	1 301	1 202	1 101	1 172	1 042	1 803
20 to 49 ..... farms	91	35	109	105	84	89	68	96
number	2 804	1 076	3 312	3 045	2 537	2 499	1 887	2 832
50 to 99 ..... farms	71	9	42	45	43	31	19	29
number	4 901	606	2 578	3 013	2 790	2 069	1 258	1 869
100 to 199 ..... farms	54	7	12	12	19	7	5	9
number	7 472	904	1 529	1 520	2 537	(D)	(D)	(D)
200 to 499 ..... farms	67	5	6	11	1	2	2	5
number	20 555	1 514	1 600	2 828	(D)	(D)	(D)	1 424
500 or more ..... farms	39	3	–	–	3	–	–	1
number	40 601	2 789	–	–	(D)	–	–	(D)
SALES								
Dairy products sold ..... farms, 1997	116	7	23	5	1	20	6	14
1992	148	10	37	8	8	26	10	30
$1,000, 1997	25 053	2 899	2 658	472	(D)	1 504	796	790
1992	17 515	2 020	1 920	668	255	921	675	2 243
Cattle and calves sold ..... farms, 1997	707	208	501	433	403	458	379	599
1992	887	214	582	463	460	445	394	699
number, 1997	243 608	14 124	23 186	20 110	20 303	16 083	12 567	21 154
1992	256 313	14 003	29 816	22 667	25 388	14 717	13 480	24 263
$1,000, 1997	170 797	9 328	14 279	9 393	9 586	6 880	6 540	11 594
1992	200 399	9 761	18 800	12 600	13 895	7 679	7 363	13 991
1997 farms by number sold:								
1 to 9 ..... farms	91	72	108	74	81	98	111	163
number	475	399	601	404	468	559	617	842
10 to 19 ..... farms	79	51	127	68	74	99	93	152
number	1 099	683	1 749	933	1 047	1 383	1 300	2 120
20 to 49 ..... farms	150	34	167	160	116	171	132	178
number	4 519	1 048	5 349	5 158	3 630	5 308	4 097	5 402
50 to 99 ..... farms	101	27	53	91	79	66	25	71
number	6 825	1 802	3 570	6 191	5 380	4 369	1 761	4 785
100 to 199 ..... farms	88	7	29	27	39	18	12	25
number	12 014	965	(D)	3 564	5 179	2 385	(D)	3 339
200 to 499 ..... farms	100	11	15	12	13	6	2	9
number	32 842	3 164	3 878	(D)	(D)	2 079	(D)	(D)
500 or more ..... farms	98	6	2	1	1	–	4	1
number	185 834	6 063	(D)	(D)	(D)	–	2 575	(D)
Calves sold ..... farms, 1997	180	57	159	167	163	228	180	238
1992	224	57	205	173	168	218	170	304
number, 1997	14 701	1 351	3 146	5 150	6 244	6 254	3 217	4 645
1992	12 833	1 214	6 139	4 880	3 970	4 851	2 710	5 261
$1,000, 1997	2 444	352	974	1 566	2 054	2 032	1 042	1 564
1992	4 131	440	2 093	1 820	1 478	1 862	1 029	1 848
1997 farms by number sold:								
1 to 9 ..... farms	53	28	61	45	43	65	61	104
number	254	107	(D)	(D)	197	352	(D)	(D)
10 to 19 ..... farms	24	12	47	36	33	62	55	70
number	301	152	639	463	451	831	731	952
20 to 49 ..... farms	54	7	40	55	48	78	56	42
number	1 576	206	1 138	1 747	1 456	2 451	1 669	1 199
50 to 99 ..... farms	24	6	7	25	31	16	7	17
number	1 549	328	421	1 609	2 044	999	443	1 106
100 to 199 ..... farms	12	4	3	4	3	3	1	4
number	1 507	558	425	475	364	380	(D)	561
200 to 499 ..... farms	9	–	1	2	5	4	–	1
number	2 714	–	(D)	(D)	1 732	1 241	–	(D)
500 or more ..... farms	4	–	–	–	–	–	–	–
number	6 800	–	–	–	–	–	–	–
Cattle sold ..... farms, 1997	616	182	404	342	318	354	281	486
1992	777	195	476	377	380	341	313	597
number, 1997	228 907	12 773	20 040	14 960	14 059	9 829	9 350	16 509
1992	243 480	12 789	23 677	17 787	21 418	9 866	10 770	19 002
$1,000, 1997	168 353	8 976	13 306	7 826	7 532	4 849	5 498	10 031
1992	196 268	9 321	16 707	10 780	12 417	5 817	6 334	12 143
1997 farms by number sold:								
1 to 9 ..... farms	82	66	90	71	84	106	119	158
number	396	348	476	366	422	495	559	778
10 to 19 ..... farms	76	42	92	63	66	83	57	115
number	1 040	576	1 259	890	928	1 070	808	1 625
20 to 49 ..... farms	121	32	138	113	76	110	71	134
number	3 705	980	4 408	3 697	2 389	3 338	2 178	3 988
50 to 99 ..... farms	74	19	45	63	53	38	18	53
number	4 877	1 265	3 062	4 179	3 712	2 455	1 296	3 535
100 to 199 ..... farms	78	8	24	23	30	14	10	17
number	10 618	1 101	(D)	3 094	3 960	1 781	(D)	(D)
200 to 499 ..... farms	91	9	13	8	8	3	2	8
number	30 373	2 440	3 413	(D)	(D)	690	(D)	2 375
500 or more ..... farms	94	6	2	1	1	–	4	1
number	177 898	6 063	(D)	(D)	(D)	–	2 575	(D)

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
INVENTORY—Con.								
Cattle and calves—Con.								
Steers, steer calves, bulls, and bull calves ..... farms, 1997	359	401	175	96	718	450	152	90
1992	370	410	189	96	826	448	181	108
number, 1997	9 117	10 963	3 482	2 269	24 320	25 604	4 157	2 550
1992	10 444	8 994	4 427	1 386	29 812	30 634	5 098	2 360
1997 farms by inventory:								
1 to 9 ..... farms	144	140	96	54	198	158	71	53
number	588	564	402	241	796	608	328	214
10 to 19 ..... farms	69	91	39	22	152	102	36	12
number	961	1 231	530	285	2 052	1 446	504	157
20 to 49 ..... farms	97	110	32	11	206	106	25	16
number	2 807	3 247	917	340	6 023	3 135	678	459
50 to 99 ..... farms	37	47	3	7	112	35	11	5
number	2 413	3 095	(D)	(D)	7 327	2 548	(D)	347
100 to 199 ..... farms	10	9	1	–	38	29	7	1
number	(D)	1 026	(D)	–	4 912	3 905	1 008	(D)
200 to 499 ..... farms	1	3	4	1	11	11	1	2
number	(D)	(D)	1 332	(D)	(D)	2 911	(D)	(D)
500 or more ..... farms	1	1	–	1	1	9	1	1
number	(D)	(D)	–	(D)	(D)	11 051	(D)	(D)
SALES								
Dairy products sold ..... farms, 1997	45	11	4	18	328	4	13	3
1992	46	8	5	26	465	7	12	5
$1,000, 1997	2 260	606	611	692	36 718	(D)	775	170
1992	1 987	428	590	1 180	37 432	314	552	229
Cattle and calves sold ..... farms, 1997	388	450	199	110	867	516	179	107
1992	419	470	202	117	1 010	511	198	138
number, 1997	16 647	22 219	9 187	4 435	36 564	58 807	6 817	7 214
1992	19 283	21 395	6 746	3 630	48 616	79 988	10 068	9 183
$1,000, 1997	9 843	10 236	5 715	3 388	20 609	40 110	4 136	4 948
1992	12 483	10 706	4 627	2 288	29 136	63 531	6 682	6 728
1997 farms by number sold:								
1 to 9 ..... farms	85	67	74	31	151	98	59	42
number	445	381	339	151	819	485	288	206
10 to 19 ..... farms	85	68	44	39	152	96	34	22
number	1 188	960	567	523	2 088	1 327	461	304
20 to 49 ..... farms	124	157	51	24	335	179	55	23
number	3 812	5 051	1 527	779	10 284	5 400	1 619	757
50 to 99 ..... farms	57	105	20	8	152	57	17	9
number	3 749	6 911	1 232	482	10 462	3 873	1 117	675
100 to 199 ..... farms	25	41	2	3	61	39	11	7
number	3 396	5 118	(D)	(D)	7 770	5 383	1 364	(D)
200 to 499 ..... farms	10	10	4	4	15	30	2	1
number	(D)	(D)	(D)	1 417	(D)	8 649	(D)	(D)
500 or more ..... farms	2	2	4	1	1	17	1	3
number	(D)	(D)	3 798	(D)	(D)	33 690	(D)	4 050
Calves sold ..... farms, 1997	136	191	65	35	316	148	33	30
1992	139	210	56	42	429	132	47	41
number, 1997	3 163	6 147	2 088	465	8 578	4 773	978	581
1992	2 830	5 616	525	709	11 669	3 371	946	724
$1,000, 1997	788	1 832	379	121	1 878	1 361	274	189
1992	970	1 938	189	257	2 889	1 431	291	296
1997 farms by number sold:								
1 to 9 ..... farms	54	58	27	14	81	59	13	17
number	(D)	313	(D)	(D)	431	(D)	44	(D)
10 to 19 ..... farms	27	36	15	12	82	33	10	6
number	368	507	189	134	1 126	430	139	90
20 to 49 ..... farms	42	54	18	8	115	39	6	6
number	1 125	1 513	541	206	3 256	1 223	143	236
50 to 99 ..... farms	8	31	3	1	24	7	2	–
number	539	1 925	152	(D)	1 555	468	(D)	–
100 to 199 ..... farms	3	9	1	–	11	8	–	1
number	363	1 272	(D)	–	1 485	1 177	–	(D)
200 to 499 ..... farms	2	3	–	–	3	1	2	–
number	(D)	617	–	–	725	(D)	(D)	–
500 or more ..... farms	–	–	1	–	–	1	–	–
number	–	–	(D)	–	–	(D)	–	–
Cattle sold ..... farms, 1997	318	356	163	98	739	430	160	93
1992	359	379	181	100	863	441	179	126
number, 1997	13 484	16 072	7 099	3 970	27 986	54 034	5 839	6 633
1992	16 453	15 779	6 221	2 921	36 947	76 617	9 122	8 459
$1,000, 1997	9 054	8 403	5 335	3 266	18 730	38 749	3 863	4 759
1992	11 513	8 769	4 439	2 031	26 248	62 099	6 392	6 432
1997 farms by number sold:								
1 to 9 ..... farms	74	62	71	34	176	83	55	43
number	347	288	294	167	885	411	271	199
10 to 19 ..... farms	79	67	29	34	136	80	29	14
number	1 063	879	376	448	1 830	1 069	392	179
20 to 49 ..... farms	91	117	43	15	255	140	49	18
number	2 876	3 749	1 323	493	7 761	4 221	1 431	550
50 to 99 ..... farms	41	75	12	8	109	54	14	8
number	2 702	4 967	739	482	7 422	3 685	965	599
100 to 199 ..... farms	23	26	1	2	51	27	11	6
number	3 119	3 008	(D)	(D)	6 253	3 551	(D)	(D)
200 to 499 ..... farms	8	7	5	4	11	30	1	1
number	(D)	(D)	1 937	1 417	(D)	8 607	(D)	(D)
500 or more ..... farms	2	2	2	1	1	16	1	3
number	(D)	(D)	(D)	(D)	(D)	32 490	(D)	4 050

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
SALES—Con.							
Cattle and calves sold—Con.							
Cattle fattened on grain and concentrates sold ..... farms, 1997	13 071	170	71	125	39	113	239
1992	16 693	220	110	172	67	169	277
number, 1997	1 646 477	21 603	9 936	5 408	3 615	24 930	26 551
1992	1 954 436	18 814	9 645	9 941	3 912	27 286	41 477
$1,000, 1997	1 269 513	16 056	7 418	3 964	2 456	20 515	21 442
1992	1 587 844	15 227	7 613	7 554	2 618	22 679	33 582
1997 farms by number sold:							
1 to 9 ..... farms	2 908	27	11	26	12	14	74
number	12 547	118	46	(D)	(D)	54	296
10 to 19 ..... farms	2 000	11	3	23	11	13	33
number	27 324	159	43	307	136	189	446
20 to 49 ..... farms	3 361	41	21	33	4	21	66
number	105 309	1 366	689	977	159	672	1 902
50 to 99 ..... farms	1 977	46	15	28	4	23	32
number	134 855	3 200	921	1 938	275	1 665	2 148
100 to 199 ..... farms	1 270	28	11	13	6	18	14
number	171 068	3 993	1 448	1 653	783	2 507	1 976
200 to 499 ..... farms	941	11	4	2	1	13	13
number	287 035	2 991	1 266	(D)	(D)	3 939	4 425
500 or more ..... farms	614	6	6	–	1	11	7
number	908 339	9 776	5 523	–	(D)	15 904	15 358

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
SALES—Con.							
Cattle and calves sold—Con.							
Cattle fattened on grain and concentrates sold ..... farms, 1997	123	69	193	192	88	180	84
1992	169	100	229	206	112	200	104
number, 1997	8 340	10 482	6 251	10 899	21 810	11 130	16 890
1992	10 446	15 751	8 335	9 818	25 936	13 204	15 125
$1,000, 1997	6 346	7 897	4 861	8 642	17 465	9 118	14 609
1992	8 514	12 987	6 386	7 861	21 833	11 243	12 575
1997 farms by number sold:							
1 to 9 ..... farms	33	16	64	62	12	35	18
number	158	90	316	253	46	138	76
10 to 19 ..... farms	28	7	44	26	16	47	11
number	368	86	550	362	222	623	146
20 to 49 ..... farms	36	21	49	55	18	51	23
number	1 052	600	1 414	1 810	524	1 628	766
50 to 99 ..... farms	11	9	24	23	15	28	7
number	628	611	1 607	1 536	1 066	1 723	421
100 to 199 ..... farms	5	4	8	15	11	7	7
number	691	640	948	1 948	1 538	927	956
200 to 499 ..... farms	7	6	4	7	10	7	11
number	2 011	1 622	1 416	2 275	3 125	2 043	3 785
500 or more ..... farms	3	6	–	4	6	5	7
number	3 432	6 833	–	2 715	15 289	4 048	10 740

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
SALES—Con.							
Cattle and calves sold—Con.							
Cattle fattened on grain and concentrates sold ..... farms, 1997	182	153	188	76	166	205	70
1992	223	200	209	77	243	223	87
number, 1997	80 057	23 079	14 760	4 201	30 839	19 141	4 492
1992	84 066	28 827	16 396	2 773	31 966	19 530	3 681
$1,000, 1997	57 776	17 637	11 367	3 474	23 357	15 296	3 375
1992	68 954	23 298	13 238	2 108	26 554	16 709	2 720
1997 farms by number sold:							
1 to 9 ..... farms	31	23	43	21	23	47	18
number	145	79	200	81	101	248	(D)
10 to 19 ..... farms	21	22	32	22	23	48	9
number	275	339	481	322	309	660	130
20 to 49 ..... farms	39	40	49	20	31	52	20
number	1 243	1 275	1 547	627	1 061	1 588	647
50 to 99 ..... farms	20	25	28	10	32	32	14
number	1 266	1 703	1 837	691	2 118	2 181	1 064
100 to 199 ..... farms	18	16	23	–	18	9	4
number	2 492	2 127	3 112	–	2 359	1 063	462
200 to 499 ..... farms	17	14	10	–	25	8	3
number	5 453	4 359	2 879	–	7 614	2 588	644
500 or more ..... farms	36	13	3	3	14	9	2
number	69 183	13 197	4 704	2 480	17 277	10 813	(D)

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
SALES—Con.							
Cattle and calves sold—Con.							
Cattle fattened on grain and concentrates sold ..... farms, 1997	75	249	296	221	79	51	40
1992	116	303	366	299	108	93	49
number, 1997	10 123	9 605	44 421	28 869	12 689	2 566	3 315
1992	16 347	16 937	42 948	30 143	9 336	3 077	15 088
$1,000, 1997	7 840	7 566	34 340	22 295	8 991	1 876	2 369
1992	13 687	13 473	34 127	23 608	7 724	2 317	10 659
1997 farms by number sold:							
1 to 9 ..... farms	20	59	69	28	27	21	15
number	94	(D)	282	121	102	73	54
10 to 19 ..... farms	9	61	41	33	12	7	5
number	121	839	569	475	159	80	56
20 to 49 ..... farms	15	77	67	66	21	13	7
number	469	2 394	2 057	2 099	615	368	227
50 to 99 ..... farms	8	37	39	27	7	6	5
number	611	2 617	2 762	1 862	459	437	307
100 to 199 ..... farms	11	10	38	27	4	1	5
number	1 483	1 297	5 333	3 636	512	(D)	746
200 to 499 ..... farms	7	4	28	29	4	2	2
number	2 135	1 285	8 183	8 226	889	(D)	(D)
500 or more ..... farms	5	1	14	11	4	1	1
number	5 210	(D)	25 235	12 450	9 953	(D)	(D)

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
SALES—Con.								
Cattle and calves sold—Con.								
Cattle fattened on grain and concentrates sold ..... farms, 1997	290	82	56	412	65	275	124	103
1992	298	110	90	450	83	310	146	129
number, 1997	24 801	5 166	21 529	37 004	14 774	14 855	7 398	9 701
1992	26 220	5 087	26 021	42 367	11 659	16 910	12 177	11 597
$1,000, 1997	19 377	3 764	17 247	28 695	11 338	11 730	5 993	7 434
1992	21 366	3 997	21 676	35 127	9 601	13 627	11 062	9 807
1997 farms by number sold:								
1 to 9 ..... farms	52	28	12	64	9	65	34	21
number	245	(D)	54	285	33	(D)	145	112
10 to 19 ..... farms	47	17	6	76	12	44	31	18
number	677	252	68	1 039	152	650	434	246
20 to 49 ..... farms	85	18	14	124	9	77	22	33
number	2 572	559	393	3 999	290	2 270	691	942
50 to 99 ..... farms	38	11	4	73	7	45	12	14
number	2 561	720	252	4 937	519	3 168	833	1 026
100 to 199 ..... farms	36	4	8	33	12	31	14	7
number	4 720	557	1 112	4 125	1 756	3 940	2 011	998
200 to 499 ..... farms	24	1	4	23	6	11	11	6
number	6 758	(D)	1 470	6 822	1 811	3 426	3 284	1 827
500 or more ..... farms	8	3	8	19	10	2	–	4
number	7 268	2 650	18 180	15 797	10 213	(D)	–	4 550

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
SALES—Con.								
Cattle and calves sold—Con.								
Cattle fattened on grain and concentrates sold ..... farms, 1997	44	78	117	88	49	102	116	104
1992	79	108	158	120	66	143	141	143
number, 1997	19 240	11 416	20 930	14 899	2 350	8 731	9 507	10 405
1992	19 997	10 925	28 993	12 242	7 049	12 064	15 029	16 145
$1,000, 1997	13 896	8 486	16 758	10 970	1 912	6 622	7 442	7 781
1992	16 646	8 402	23 712	10 122	6 117	9 884	12 350	12 736
1997 farms by number sold:								
1 to 9 ..... farms	2	22	33	24	21	26	41	20
number	(D)	89	140	(D)	100	(D)	188	94
10 to 19 ..... farms	6	15	15	16	8	16	21	10
number	85	202	198	235	112	217	289	123
20 to 49 ..... farms	19	10	27	24	7	23	28	36
number	615	278	792	737	217	689	850	1 169
50 to 99 ..... farms	6	13	21	9	7	12	7	15
number	393	896	1 362	710	517	766	383	1 067
100 to 199 ..... farms	8	10	8	7	3	9	6	10
number	943	1 374	1 119	922	321	1 433	901	1 461
200 to 499 ..... farms	1	3	8	6	3	14	6	10
number	(D)	914	2 224	1 385	1 083	4 382	1 794	2 788
500 or more ..... farms	2	5	5	2	–	2	7	3
number	(D)	7 663	15 095	(D)	–	(D)	5 102	3 703

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
SALES—Con.								
Cattle and calves sold—Con.								
Cattle fattened on grain and concentrates sold ..... farms, 1997	82	162	43	122	168	348	194	87
1992	108	160	66	179	237	393	281	116
number, 1997	4 019	10 175	8 247	18 409	16 656	31 869	22 502	3 805
1992	4 499	11 038	10 073	21 020	25 184	38 271	25 907	7 032
$1,000, 1997	3 097	7 996	6 484	14 137	13 270	25 009	18 200	2 861
1992	3 267	9 090	8 573	17 539	20 664	30 865	21 304	5 233
1997 farms by number sold:								
1 to 9 ..... farms	23	47	10	12	42	41	24	28
number	(D)	195	40	73	184	167	111	(D)
10 to 19 ..... farms	11	21	6	18	20	44	24	16
number	146	286	80	223	272	596	341	217
20 to 49 ..... farms	25	48	7	31	35	116	59	26
number	804	1 466	233	1 053	1 144	3 697	1 865	804
50 to 99 ..... farms	12	18	5	20	33	63	41	12
number	777	1 219	360	1 291	2 222	4 346	2 958	873
100 to 199 ..... farms	9	16	3	18	24	46	26	3
number	1 304	2 037	446	2 373	3 036	6 149	3 314	340
200 to 499 ..... farms	1	7	9	12	10	30	13	1
number	(D)	1 740	3 069	4 078	3 140	8 845	3 086	(D)
500 or more ..... farms	1	5	3	11	4	8	7	1
number	(D)	3 232	4 019	9 318	6 658	8 069	10 827	(D)

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
SALES—Con.								
Cattle and calves sold—Con.								
Cattle fattened on grain and concentrates sold ..... farms, 1997	201	241	122	166	132	211	76	73
1992	234	287	144	205	174	307	99	63
number, 1997	8 950	34 565	6 270	22 532	8 310	17 752	3 420	3 163
1992	11 926	40 652	8 540	22 313	11 966	21 584	4 451	3 486
$1,000, 1997	6 823	28 002	4 764	17 439	6 192	13 716	2 458	2 285
1992	9 885	33 703	6 424	18 129	9 463	17 428	3 221	2 606
1997 farms by number sold:								
1 to 9 ..... farms	62	42	25	33	20	72	20	22
number	256	198	(D)	141	(D)	279	(D)	57
10 to 19 ..... farms	41	26	22	26	17	48	11	14
number	550	357	306	343	223	632	162	164
20 to 49 ..... farms	53	57	35	42	46	54	24	18
number	1 624	1 735	1 054	1 368	1 379	1 621	764	609
50 to 99 ..... farms	25	55	25	17	22	14	16	12
number	1 642	3 780	1 787	1 228	1 395	967	1 175	752
100 to 199 ..... farms	10	25	11	22	19	14	4	4
number	1 123	3 105	1 367	2 978	2 472	1 698	559	550
200 to 499 ..... farms	7	20	3	19	7	6	–	2
number	1 796	6 717	896	6 312	1 958	1 721	–	(D)
500 or more ..... farms	3	16	1	7	1	3	1	1
number	1 959	18 673	(D)	10 162	(D)	10 834	(D)	(D)

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
SALES—Con.								
Cattle and calves sold—Con.								
Cattle fattened on grain and concentrates sold ..... farms, 1997	221	84	175	93	142	49	173	73
1992	335	126	221	124	172	67	173	119
number, 1997	50 681	5 840	23 996	4 967	12 024	3 976	30 898	16 073
1992	67 119	5 754	30 107	6 148	14 329	12 494	23 615	21 015
$1,000, 1997	37 219	4 577	18 540	3 735	9 408	3 155	23 507	12 398
1992	54 151	4 656	24 837	4 708	11 971	10 061	19 907	16 789
1997 farms by number sold:								
1 to 9 ..... farms	21	23	28	37	44	10	29	14
number	123	91	119	(D)	230	48	122	63
10 to 19 ..... farms	23	6	17	12	16	4	22	5
number	316	75	243	169	211	(D)	283	74
20 to 49 ..... farms	48	26	40	22	31	18	28	16
number	1 539	822	1 361	645	988	543	950	527
50 to 99 ..... farms	45	19	32	5	23	8	30	12
number	3 088	1 327	2 326	374	1 530	486	2 015	752
100 to 199 ..... farms	28	2	27	11	15	3	17	10
number	3 956	(D)	4 022	1 497	1 991	433	2 540	1 418
200 to 499 ..... farms	31	6	25	5	10	5	28	9
number	9 689	2 081	7 840	1 436	2 937	1 538	8 404	2 887
500 or more ..... farms	25	2	6	1	3	1	19	7
number	31 970	(D)	8 085	(D)	4 137	(D)	16 584	10 352

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
SALES—Con.								
Cattle and calves sold—Con.								
Cattle fattened on grain and concentrates sold ..... farms, 1997	52	70	133	141	104	100	98	258
1992	65	96	161	169	131	158	138	353
number, 1997	2 982	11 214	6 054	19 361	20 869	12 317	16 049	49 292
1992	3 659	10 466	6 746	24 696	20 178	14 738	16 182	72 286
$1,000, 1997	2 258	8 162	4 875	14 994	16 174	9 553	12 527	39 157
1992	2 735	7 723	5 288	20 707	15 748	11 295	12 524	62 055
1997 farms by number sold:								
1 to 9 ..... farms	16	15	38	22	19	17	23	35
number	63	54	(D)	106	75	74	101	120
10 to 19 ..... farms	5	7	25	27	13	11	9	45
number	64	106	345	379	173	146	136	636
20 to 49 ..... farms	11	19	37	30	12	33	20	56
number	304	551	1 152	929	382	1 053	665	1 834
50 to 99 ..... farms	12	12	22	23	22	12	8	34
number	902	742	1 483	1 669	1 494	831	563	2 319
100 to 199 ..... farms	4	6	6	14	11	11	17	35
number	557	843	852	1 845	1 476	1 645	2 522	4 736
200 to 499 ..... farms	4	8	4	17	18	10	12	26
number	1 092	2 618	1 238	5 392	5 361	3 377	3 695	7 809
500 or more ..... farms	–	3	1	8	9	6	9	27
number	–	6 300	(D)	9 041	11 908	5 191	8 367	31 838

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
SALES—Con.								
Cattle and calves sold—Con.								
Cattle fattened on grain and concentrates sold ..... farms, 1997	66	66	214	156	45	120	147	159
1992	106	95	315	211	59	153	189	218
number, 1997	6 239	4 046	51 266	8 342	3 745	35 316	9 717	21 593
1992	11 921	4 718	55 885	14 233	3 484	38 701	13 781	25 938
$1,000, 1997	4 898	3 014	39 209	6 458	2 770	27 578	7 503	17 016
1992	9 792	3 699	45 128	11 310	2 822	29 334	10 516	21 140
1997 farms by number sold:								
1 to 9 ..... farms	11	26	39	29	10	19	52	28
number	(D)	(D)	189	(D)	46	90	212	149
10 to 19 ..... farms	11	14	23	21	2	23	20	22
number	143	199	302	291	(D)	298	241	319
20 to 49 ..... farms	13	11	60	53	12	26	33	49
number	438	365	2 062	1 657	410	721	945	1 453
50 to 99 ..... farms	13	8	35	32	10	15	22	30
number	856	538	2 449	2 062	632	1 081	1 386	1 976
100 to 199 ..... farms	9	3	19	14	7	14	11	13
number	1 408	430	2 518	1 724	965	1 925	1 574	1 747
200 to 499 ..... farms	7	1	16	6	2	12	5	10
number	1 876	(D)	4 598	1 805	(D)	3 760	1 911	3 426
500 or more ..... farms	2	3	22	1	2	11	4	7
number	(D)	2 000	39 148	(D)	(D)	27 441	3 448	12 523

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
SALES—Con.								
Cattle and calves sold—Con.								
Cattle fattened on grain and concentrates sold ..... farms, 1997	343	90	167	62	50	52	67	101
1992	435	110	230	93	72	72	67	180
number, 1997	183 404	10 292	11 576	2 900	3 039	1 420	3 047	6 178
1992	192 564	10 379	14 383	5 417	4 926	2 538	3 667	9 073
$1,000, 1997	140 900	7 509	8 994	2 001	2 189	973	2 342	4 743
1992	158 233	8 003	11 457	4 235	3 810	1 843	2 647	6 944
1997 farms by number sold:								
1 to 9 ..... farms	37	37	35	9	17	22	27	35
number	172	196	(D)	(D)	64	97	(D)	(D)
10 to 19 ..... farms	35	11	34	13	5	7	15	16
number	491	145	448	203	72	(D)	224	244
20 to 49 ..... farms	49	14	57	19	12	13	14	20
number	1 477	425	1 835	661	408	439	466	683
50 to 99 ..... farms	37	8	19	17	8	8	5	17
number	2 520	633	1 405	1 233	576	513	380	1 153
100 to 199 ..... farms	47	9	14	3	5	2	4	8
number	6 617	1 254	1 968	399	619	(D)	496	1 141
200 to 499 ..... farms	66	5	6	1	2	–	–	4
number	22 268	1 576	1 556	(D)	(D)	–	–	912
500 or more ..... farms	72	6	2	–	1	–	2	1
number	149 859	6 063	(D)	–	(D)	–	(D)	(D)

Table 14. **Cattle and Calves—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
SALES—Con.								
Cattle and calves sold—Con.								
Cattle fattened on grain and concentrates sold ..... farms, 1997	157	52	63	52	288	157	106	55
1992	200	65	81	54	323	220	103	76
number, 1997	8 673	2 507	4 893	1 610	14 611	37 083	3 201	5 834
1992	11 639	2 722	4 463	1 812	18 154	67 309	6 943	7 025
$1,000, 1997	6 581	1 760	3 968	1 199	11 503	28 784	2 524	4 332
1992	8 899	1 852	3 494	1 453	14 986	57 185	4 969	5 471
1997 farms by number sold:								
1 to 9 ..... farms	29	13	25	20	45	36	42	28
number	(D)	(D)	114	85	(D)	134	(D)	118
10 to 19 ..... farms	27	5	11	16	41	21	14	5
number	334	75	160	198	566	277	180	(D)
20 to 49 ..... farms	47	13	16	5	107	46	30	7
number	1 504	445	525	153	3 394	1 428	915	196
50 to 99 ..... farms	26	14	4	7	58	7	13	6
number	1 733	805	235	387	3 973	527	909	456
100 to 199 ..... farms	21	5	1	2	28	12	6	5
number	2 698	554	(D)	(D)	3 358	1 604	702	749
200 to 499 ..... farms	6	2	4	2	8	23	1	1
number	1 587	(D)	1 439	(D)	2 382	6 573	(D)	(D)
500 or more ..... farms	1	–	2	–	1	12	–	3
number	(D)	–	(D)	–	(D)	26 540	–	4 050

Table 15. **Hogs and Pigs—Inventory, Litters, and Sales: 1997 and 1992**

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

Item		Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
INVENTORY								
Hogs and pigs	farms, 1997	17 243	129	62	138	24	160	233
	1992	31 790	293	162	329	93	293	459
	number, 1997	14 651 919	39 032	58 998	72 111	5 462	168 217	102 216
	1992	14 153 158	84 469	48 908	124 684	12 861	139 909	163 836
Farms by inventory:								
1 to 24	farms, 1997	1 258	12	9	15	5	5	25
	1992	2 436	40	15	34	28	15	39
	number, 1997	13 913	105	(D)	221	(D)	85	240
	1992	29 246	514	173	434	338	166	460
25 to 49	farms, 1997	730	12	2	5	2	5	5
	1992	1 802	13	19	21	11	13	28
	number, 1997	26 304	421	(D)	177	(D)	185	165
	1992	64 338	435	736	815	400	488	999
50 to 99	farms, 1997	1 172	12	4	11	3	8	22
	1992	3 055	30	19	45	17	18	49
	number, 1997	82 752	811	258	710	250	668	1 743
	1992	214 661	2 270	1 237	3 156	1 207	1 374	3 423
100 to 199	farms, 1997	2 040	23	6	21	5	17	35
	1992	5 145	49	27	47	14	47	77
	number, 1997	285 614	3 171	844	2 994	774	2 484	5 212
	1992	712 717	6 474	3 451	6 015	1 830	6 209	10 451
200 to 499	farms, 1997	4 653	46	15	35	5	41	72
	1992	9 952	112	49	109	19	91	159
	number, 1997	1 489 517	14 252	5 109	10 681	1 650	14 174	23 140
	1992	3 151 343	34 647	14 542	32 318	5 291	28 610	50 125
500 to 999	farms, 1997	3 635	17	10	28	4	26	49
	1992	6 074	40	27	50	2	78	77
	number, 1997	2 512 320	10 015	7 721	19 094	2 670	17 536	31 971
	1992	4 090 477	27 108	18 547	33 020	(D)	54 256	49 874
1,000 or more	farms, 1997	3 755	7	16	23	–	58	25
	1992	3 326	9	6	23	2	31	30
	number, 1997	10 241 499	10 257	44 876	38 234	–	133 085	39 745
	1992	5 890 376	13 021	10 222	48 926	(D)	48 806	48 504
Hogs and pigs used or to be used for breeding	farms, 1997	10 708	89	37	101	21	84	159
	1992	22 228	205	119	257	58	191	322
	number, 1997	1 366 141	4 351	2 568	8 403	1 370	12 226	12 739
	1992	1 622 135	10 608	4 673	15 158	1 537	14 594	20 042
1997 farms by inventory:								
1 to 24		2 565	29	9	28	12	13	43
25 to 49		2 064	25	9	30	3	17	38
50 to 99		2 659	26	12	20	3	20	42
100 or more		3 420	9	7	23	3	34	36
Other hogs and pigs	farms, 1997	16 685	125	60	134	23	158	227
	1992	30 691	273	152	308	88	287	444
	number, 1997	13 285 778	34 681	56 430	63 708	4 092	155 991	89 477
	1992	12 531 023	73 861	44 235	109 526	11 324	125 315	143 794
LITTERS								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30	farms, 1997	11 231	90	37	107	21	91	163
	1992	23 447	219	125	279	64	199	351
	number, 1997	2 167 455	6 242	4 151	12 977	1 013	21 907	18 136
	1992	2 633 914	16 304	8 206	23 604	2 255	23 520	32 162
Dec. 1 of preceding year and May 31	farms, 1997	10 722	87	37	99	17	87	155
	1992	22 498	208	114	269	61	196	336
	number, 1997	1 082 030	2 987	2 258	6 538	523	11 346	8 983
	1992	1 345 005	8 727	4 072	12 094	1 209	12 055	16 709
June 1 and Nov. 30	farms, 1997	10 412	82	33	98	17	86	149
	1992	21 630	197	118	250	48	182	318
	number, 1997	1 085 425	3 255	1 893	6 439	490	10 561	9 153
	1992	1 288 909	7 577	4 134	11 510	1 046	11 465	15 453
SALES								
Hogs and pigs sold	farms, 1997	18 370	141	63	147	23	165	250
	1992	34 058	316	177	356	91	313	503
	number, 1997	27 495 818	61 504	76 688	148 575	7 468	373 063	200 082
	1992	26 812 736	156 365	95 170	257 244	19 874	276 003	313 768
	$1,000, 1997	3 029 972	7 038	9 586	14 854	1 046	36 570	22 931
	1992	2 502 048	14 808	9 153	22 951	2 122	25 231	30 956
1997 farms by number sold:								
1 to 24	farms	998	15	4	15	2	5	19
	number	11 952	171	(D)	(D)	(D)	76	180
25 to 49	farms	639	9	2	2	–	3	9
	number	22 905	335	(D)	(D)	–	103	340
50 to 99	farms	1 073	7	8	12	3	11	11
	number	76 786	552	624	805	165	825	739
100 to 199	farms	1 734	21	6	17	4	11	34
	number	241 988	2 854	927	2 152	548	1 497	4 695
200 to 499	farms	3 755	47	8	38	9	24	60
	number	1 222 563	14 695	2 733	12 182	2 609	8 241	19 718
500 to 999	farms	3 758	31	13	28	4	34	56
	number	2 655 532	22 613	9 975	22 507	2 740	24 020	37 875
1,000 or more	farms	6 413	11	22	35	1	77	61
	number	23 264 092	20 284	62 322	110 600	(D)	338 301	136 535
Feeder pigs sold	farms, 1997	2 344	18	5	23	2	18	27
	1992	7 114	58	42	98	16	57	103
	number, 1997	4 476 541	5 947	1 690	38 828	(D)	120 127	21 045
	1992	4 959 491	20 921	11 475	63 855	1 946	50 538	42 080
	$1,000, 1997	178 272	275	79	1 808	(D)	5 159	958
	1992	188 232	680	448	2 279	68	2 070	1 630
Hogs and pigs other than feeder pigs sold	farms, 1997	17 848	137	63	144	23	162	248
	1992	32 587	304	167	326	91	300	488
	number, 1997	23 019 277	55 557	74 998	109 747	(D)	252 936	179 037
	1992	21 853 245	135 444	83 695	193 389	17 928	225 465	271 688
	$1,000, 1997	2 851 700	6 763	9 508	13 046	(D)	31 410	21 973
	1992	2 313 816	14 128	8 705	20 672	2 054	23 161	29 326

Table 15. **Hogs and Pigs—Inventory, Litters, and Sales: 1997 and 1992**—Con.

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

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
INVENTORY							
Hogs and pigs ..... farms, 1997	200	111	168	300	270	238	159
1992	341	212	323	474	382	443	257
number, 1997	171 797	101 679	88 693	191 642	298 220	178 682	171 427
1992	166 179	98 653	101 182	193 272	214 021	219 845	139 325
Farms by inventory:							
1 to 24 ..... farms, 1997	16	17	20	25	12	17	12
1992	25	22	38	34	28	34	13
number, 1997	(D)	161	145	284	154	244	141
1992	262	200	406	416	290	339	191
25 to 49 ..... farms, 1997	2	3	11	16	8	5	3
1992	18	16	19	38	10	17	14
number, 1997	(D)	99	406	570	281	145	120
1992	641	559	640	1 367	341	596	505
50 to 99 ..... farms, 1997	8	6	16	25	11	15	5
1992	36	14	33	44	22	36	20
number, 1997	622	410	1 022	1 689	804	1 049	392
1992	2 561	1 012	2 181	3 104	1 497	2 567	1 367
100 to 199 ..... farms, 1997	20	11	20	36	25	13	15
1992	48	34	65	89	46	66	36
number, 1997	2 755	1 416	2 850	4 782	3 305	1 774	2 085
1992	6 861	4 726	8 747	12 627	6 428	9 080	5 098
200 to 499 ..... farms, 1997	40	27	41	82	57	96	43
1992	99	69	100	131	129	156	83
number, 1997	13 348	8 509	13 905	26 819	19 432	30 594	13 773
1992	30 490	22 543	30 806	41 555	42 830	51 978	25 509
500 to 999 ..... farms, 1997	56	22	33	63	54	48	35
1992	73	30	51	95	86	92	59
number, 1997	39 453	14 436	23 297	43 506	36 089	32 767	24 548
1992	51 748	20 493	34 275	65 788	58 886	61 651	41 180
1,000 or more ..... farms, 1997	58	25	27	53	103	44	46
1992	42	27	17	43	61	42	32
number, 1997	115 424	76 648	47 068	113 992	238 155	112 109	130 368
1992	73 616	49 120	24 127	68 415	103 749	93 634	65 475
Hogs and pigs used or to be used for breeding ..... farms, 1997	98	66	99	193	139	119	69
1992	204	140	212	348	231	271	157
number, 1997	12 723	9 836	9 849	22 198	22 088	12 645	9 957
1992	15 417	11 371	12 904	24 509	21 996	21 623	12 484
1997 farms by inventory:							
1 to 24	15	20	27	56	13	21	8
25 to 49	12	13	19	42	17	19	12
50 to 99	23	12	18	38	35	41	23
100 or more	48	21	35	57	74	38	26
Other hogs and pigs ..... farms, 1997	198	105	160	288	262	235	154
1992	331	203	311	454	368	430	253
number, 1997	159 074	91 843	78 844	169 444	276 132	166 037	161 470
1992	150 762	87 282	88 278	168 763	192 025	198 222	126 841
LITTERS							
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 ..... farms, 1997	99	68	108	201	143	129	70
1992	216	147	223	369	244	290	174
number, 1997	21 574	15 390	14 735	36 648	32 431	19 994	17 911
1992	26 572	16 527	18 860	39 236	36 268	38 587	21 540
Dec. 1 of preceding year and May 31 ..... farms, 1997	97	66	105	187	135	124	69
1992	205	143	208	346	238	278	172
number, 1997	10 769	7 729	7 251	18 406	15 490	10 248	8 907
1992	13 829	8 575	9 260	19 415	18 870	19 623	10 823
June 1 and Nov. 30 ..... farms, 1997	93	63	99	185	139	120	66
1992	199	134	206	355	221	265	159
number, 1997	10 805	7 661	7 484	18 242	16 941	9 746	9 004
1992	12 743	7 952	9 600	19 821	17 398	18 964	10 717
SALES							
Hogs and pigs sold ..... farms, 1997	207	117	176	323	292	261	167
1992	374	233	345	510	408	474	290
number, 1997	298 788	198 989	204 594	396 208	603 519	315 618	280 264
1992	318 461	185 745	197 125	388 110	455 914	399 648	232 428
$1,000, 1997	35 580	22 423	21 911	38 498	72 080	37 482	31 704
1992	30 481	17 529	18 104	33 617	42 868	36 902	22 566
1997 farms by number sold:							
1 to 24 ..... farms	11	9	15	20	9	14	5
number	(D)	(D)	192	237	99	176	49
25 to 49 ..... farms	2	1	11	12	5	6	3
number	(D)	(D)	391	472	163	193	109
50 to 99 ..... farms	11	11	8	24	4	12	7
number	727	635	531	1 761	338	844	473
100 to 199 ..... farms	12	9	20	31	26	17	9
number	1 969	1 195	2 748	4 091	3 662	2 420	1 312
200 to 499 ..... farms	31	23	31	77	43	60	32
number	10 243	7 460	10 119	24 695	14 946	19 144	11 591
500 to 999 ..... farms	33	21	31	59	58	68	41
number	22 681	15 686	20 404	41 909	43 411	48 320	28 936
1,000 or more ..... farms	107	43	60	100	147	84	70
number	262 962	173 890	170 209	323 043	540 900	244 521	237 794
Feeder pigs sold ..... farms, 1997	21	13	36	57	34	33	14
1992	71	36	92	141	84	107	52
number, 1997	19 473	13 963	44 717	127 581	65 053	33 602	8 444
1992	40 344	36 725	41 130	101 948	73 284	75 295	29 549
$1,000, 1997	819	604	2 001	4 566	2 486	1 510	316
1992	1 534	1 596	1 475	3 510	2 707	3 119	1 076
Hogs and pigs other than feeder pigs sold ..... farms, 1997	204	112	172	304	288	254	166
1992	354	225	325	472	392	459	280
number, 1997	279 315	185 026	159 877	268 627	538 466	282 016	271 820
1992	278 117	149 020	155 995	286 162	382 630	324 353	202 879
$1,000, 1997	34 761	21 820	19 910	33 931	69 594	35 972	31 388
1992	28 947	15 933	16 629	30 107	40 161	33 783	21 491

Table 15. **Hogs and Pigs—Inventory, Litters, and Sales: 1997 and 1992**—Con.

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

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
INVENTORY							
Hogs and pigs ..... farms, 1997	355	130	196	141	244	186	53
1992	584	291	428	251	393	344	157
number, 1997	372 598	64 720	151 936	126 766	222 808	131 490	67 224
1992	330 310	94 483	223 719	115 499	198 080	138 910	31 552
Farms by inventory:							
1 to 24 ..... farms, 1997	8	11	12	5	6	12	9
1992	17	23	16	24	11	24	31
number, 1997	118	125	167	70	69	117	80
1992	216	304	154	350	135	290	274
25 to 49 ..... farms, 1997	11	7	9	10	8	8	11
1992	16	22	20	8	7	25	11
number, 1997	367	245	348	320	300	271	381
1992	563	747	751	259	281	920	388
50 to 99 ..... farms, 1997	15	15	8	9	14	16	10
1992	38	28	41	15	22	38	32
number, 1997	937	1 152	502	771	944	1 122	629
1992	2 636	1 816	3 031	1 105	1 545	2 628	2 245
100 to 199 ..... farms, 1997	35	18	23	18	22	30	6
1992	76	65	69	33	58	69	31
number, 1997	5 116	2 344	3 053	2 816	3 097	3 859	975
1992	10 556	9 223	9 825	4 437	8 421	9 945	4 222
200 to 499 ..... farms, 1997	78	36	57	41	54	44	7
1992	206	89	137	92	144	94	31
number, 1997	25 684	11 433	17 622	14 180	17 247	13 750	1 939
1992	65 953	27 218	43 078	29 127	45 841	28 579	8 421
500 to 999 ..... farms, 1997	100	28	45	27	64	39	4
1992	143	49	94	51	105	51	18
number, 1997	67 295	19 846	30 696	17 713	45 183	29 450	2 844
1992	96 352	32 371	62 278	35 768	68 881	33 216	11 070
1,000 or more ..... farms, 1997	108	15	42	31	76	37	6
1992	88	15	51	28	46	43	3
number, 1997	273 081	29 575	99 548	90 896	155 968	82 921	60 376
1992	154 034	22 804	104 602	44 453	72 976	63 332	4 932
Hogs and pigs used or to be used for breeding ..... farms, 1997	189	88	141	105	132	115	35
1992	404	190	302	192	249	224	120
number, 1997	30 233	5 868	16 925	16 790	18 210	13 126	16 001
1992	33 748	11 613	25 459	17 698	19 866	14 722	4 487
1997 farms by inventory:							
1 to 24	35	27	27	14	24	32	20
25 to 49	24	25	29	18	18	18	5
50 to 99	43	16	35	33	34	23	6
100 or more	87	20	50	40	56	42	4
Other hogs and pigs ..... farms, 1997	346	127	190	131	239	185	51
1992	568	284	422	243	385	341	143
number, 1997	342 365	58 852	135 011	109 976	204 598	118 364	51 223
1992	296 562	82 870	198 260	97 801	178 214	124 188	27 065
LITTERS							
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 ..... farms, 1997	197	91	148	110	137	119	37
1992	424	205	322	204	257	232	130
number, 1997	44 216	9 788	25 692	26 131	32 941	24 352	9 637
1992	53 143	19 095	41 612	26 550	29 553	25 273	6 695
Dec. 1 of preceding year and May 31 ..... farms, 1997	192	87	145	104	132	112	28
1992	409	196	309	196	246	221	120
number, 1997	21 849	4 781	12 652	12 866	17 451	12 058	4 681
1992	27 532	9 526	20 871	14 478	14 725	12 970	3 368
June 1 and Nov. 30 ..... farms, 1997	186	86	139	98	127	110	35
1992	393	187	307	186	241	219	117
number, 1997	22 367	5 007	13 040	13 265	15 490	12 294	4 956
1992	25 611	9 569	20 741	12 072	14 828	12 303	3 327
SALES							
Hogs and pigs sold ..... farms, 1997	376	138	214	158	257	198	63
1992	613	316	454	264	423	364	163
number, 1997	713 696	112 514	286 007	287 104	390 657	284 746	103 328
1992	609 937	189 685	426 423	233 951	360 996	274 193	62 189
$1,000, 1997	77 875	12 184	32 261	30 261	41 713	29 193	14 617
1992	55 999	16 943	38 922	21 761	33 923	25 706	5 480
1997 farms by number sold:							
1 to 24 ..... farms	12	13	7	9	5	15	12
number	165	157	62	121	77	173	(D)
25 to 49 ..... farms	5	6	7	4	9	10	11
number	170	224	267	135	294	369	354
50 to 99 ..... farms	15	9	9	10	7	16	10
number	1 060	736	677	767	581	1 213	661
100 to 199 ..... farms	32	16	25	11	31	18	8
number	4 672	2 228	3 431	1 664	4 155	2 768	1 053
200 to 499 ..... farms	50	35	43	25	41	31	7
number	17 070	11 062	13 896	8 122	13 579	10 536	2 118
500 to 999 ..... farms	96	25	48	46	53	36	10
number	68 559	15 916	30 704	33 171	36 504	27 591	7 716
1,000 or more ..... farms	166	34	75	53	111	72	5
number	622 000	82 191	236 970	243 124	335 467	242 096	(D)
Feeder pigs sold ..... farms, 1997	45	19	29	25	26	32	11
1992	125	73	80	74	75	67	44
number, 1997	100 564	16 996	51 169	90 491	87 436	78 890	5 822
1992	126 665	41 054	87 400	50 516	63 560	58 835	16 202
$1,000, 1997	4 710	851	2 196	3 058	3 862	3 717	373
1992	5 220	1 486	3 206	1 978	2 334	2 178	577
Hogs and pigs other than feeder pigs sold ..... farms, 1997	365	133	210	153	253	193	62
1992	581	297	434	256	410	351	156
number, 1997	613 132	95 518	234 838	196 613	303 221	205 856	97 506
1992	483 272	148 631	339 023	183 435	297 436	215 358	45 987
$1,000, 1997	73 166	11 333	30 065	27 203	37 851	25 476	14 244
1992	50 779	15 457	35 716	19 783	31 589	23 529	4 903

Table 15. **Hogs and Pigs—Inventory, Litters, and Sales: 1997 and 1992**—Con.

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

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
INVENTORY							
Hogs and pigs ..... farms, 1997	133	337	246	230	85	94	40
1992	237	644	526	471	164	225	123
number, 1997	108 489	242 580	101 869	179 383	56 587	123 102	39 037
1992	115 653	288 229	168 278	181 594	58 480	56 187	42 376
Farms by inventory:							
1 to 24 ..... farms, 1997	7	22	25	23	13	12	9
1992	18	47	58	35	21	29	19
number, 1997	(D)	257	354	235	146	(D)	(D)
1992	198	570	772	475	264	333	244
25 to 49 ..... farms, 1997	2	10	13	8	7	11	1
1992	9	41	22	21	26	22	15
number, 1997	(D)	328	477	257	256	446	(D)
1992	329	1 455	796	818	860	826	497
50 to 99 ..... farms, 1997	8	23	25	13	5	10	8
1992	17	67	51	53	26	33	16
number, 1997	516	1 562	1 735	943	385	735	497
1992	1 253	4 764	3 623	3 758	1 906	2 428	1 170
100 to 199 ..... farms, 1997	13	34	43	41	13	8	4
1992	34	103	117	98	17	47	20
number, 1997	1 762	4 486	6 071	5 676	1 838	1 142	522
1992	4 776	14 770	16 595	12 991	2 321	6 772	2 838
200 to 499 ..... farms, 1997	42	92	78	58	21	33	6
1992	83	200	175	148	38	63	28
number, 1997	13 993	28 993	24 359	18 694	6 938	10 352	1 954
1992	26 343	63 931	54 611	48 292	11 534	19 240	8 214
500 to 999 ..... farms, 1997	35	86	42	44	12	10	7
1992	46	116	72	77	24	22	15
number, 1997	23 150	58 135	29 444	30 572	8 115	7 664	5 282
1992	30 855	77 409	47 135	51 293	16 258	15 594	10 491
1,000 or more ..... farms, 1997	26	70	20	43	14	10	5
1992	30	70	31	39	12	9	10
number, 1997	68 961	148 819	39 429	123 006	38 909	(D)	30 683
1992	51 899	125 330	44 746	63 967	25 337	10 994	18 922
Hogs and pigs used or to be used for breeding ..... farms, 1997	86	234	170	131	46	58	25
1992	166	475	366	306	108	166	90
number, 1997	13 752	29 333	10 665	10 206	3 827	13 252	5 341
1992	12 846	34 863	17 533	19 148	5 886	7 165	5 235
1997 farms by inventory:							
1 to 24	11	53	65	33	18	20	11
25 to 49	22	40	39	35	8	10	2
50 to 99	26	64	40	30	11	16	7
100 or more	27	77	26	33	9	12	5
Other hogs and pigs ..... farms, 1997	125	332	235	222	84	91	40
1992	227	618	512	456	158	213	112
number, 1997	94 737	213 247	91 204	169 177	52 760	109 850	33 696
1992	102 807	253 366	150 745	162 446	52 594	49 022	37 141
LITTERS							
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 ..... farms, 1997	89	252	173	137	51	63	28
1992	170	502	393	323	112	177	92
number, 1997	20 373	45 365	16 469	16 748	5 825	20 022	6 529
1992	19 994	55 191	28 322	30 040	9 839	12 821	6 820
Dec. 1 of preceding year and May 31 ..... farms, 1997	84	246	163	129	48	61	23
1992	160	476	373	311	109	171	88
number, 1997	9 589	21 993	8 376	8 346	2 918	9 564	1 692
1992	10 351	28 135	14 551	15 309	5 443	6 279	3 383
June 1 and Nov. 30 ..... farms, 1997	80	234	161	125	44	58	27
1992	160	462	360	302	95	162	84
number, 1997	10 784	23 372	8 093	8 402	2 907	10 458	4 837
1992	9 643	27 056	13 771	14 731	4 396	6 542	3 437
SALES							
Hogs and pigs sold ..... farms, 1997	145	370	275	245	95	97	39
1992	257	688	564	507	173	238	124
number, 1997	221 728	442 129	175 933	265 213	96 439	156 271	58 672
1992	201 603	516 862	318 670	347 870	93 628	116 081	71 881
$1,000, 1997	24 892	44 614	18 459	29 801	11 599	21 316	7 172
1992	20 673	49 148	30 280	32 975	8 921	9 789	6 640
1997 farms by number sold:							
1 to 24 ..... farms	7	22	25	13	12	6	5
number	(D)	309	264	159	160	72	40
25 to 49 ..... farms	2	10	15	8	8	7	5
number	(D)	372	502	291	262	271	205
50 to 99 ..... farms	7	27	21	21	8	12	3
number	435	2 003	1 447	1 528	584	822	193
100 to 199 ..... farms	11	24	26	32	12	8	8
number	1 706	3 245	3 532	4 280	1 627	1 085	1 034
200 to 499 ..... farms	38	76	87	51	17	28	3
number	11 294	23 049	26 674	15 956	5 165	8 226	980
500 to 999 ..... farms	24	85	54	51	12	17	4
number	18 094	58 977	38 122	36 974	8 232	11 264	2 785
1,000 or more ..... farms	56	126	47	69	26	19	11
number	190 049	354 174	105 392	206 025	80 409	134 531	53 435
Feeder pigs sold ..... farms, 1997	9	69	32	30	19	10	1
1992	33	167	120	88	39	80	36
number, 1997	28 871	120 282	37 795	27 120	7 352	2 234	(D)
1992	11 550	80 956	48 435	52 539	13 215	34 268	14 385
$1,000, 1997	1 118	5 429	1 493	1 358	298	116	(D)
1992	481	2 936	1 822	2 071	522	1 203	528
Hogs and pigs other than feeder pigs sold ..... farms, 1997	143	352	265	238	93	97	39
1992	255	663	540	479	169	222	111
number, 1997	192 857	321 847	138 138	238 093	89 087	154 037	(D)
1992	190 053	435 906	270 235	295 331	80 413	81 813	57 496
$1,000, 1997	23 774	39 186	16 966	28 443	11 302	21 200	(D)
1992	20 193	46 211	28 458	30 905	8 399	8 586	6 112

Table 15. **Hogs and Pigs—Inventory, Litters, and Sales: 1997 and 1992**—Con.

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

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
INVENTORY								
Hogs and pigs ..... farms, 1997	515	70	82	399	83	290	155	182
1992	815	126	140	765	151	521	306	309
number, 1997	401 729	125 030	45 333	258 568	120 605	242 628	106 157	198 056
1992	489 966	53 151	57 822	371 003	57 110	237 566	128 219	168 832
Farms by inventory:								
1 to 24 ..... farms, 1997	16	9	4	24	6	13	7	3
1992	25	18	8	48	16	50	30	18
number, 1997	199	71	(D)	280	(D)	159	99	(D)
1992	294	188	105	697	187	584	377	253
25 to 49 ..... farms, 1997	18	4	1	15	2	15	12	4
1992	24	9	7	28	3	25	25	13
number, 1997	646	130	(D)	544	(D)	579	412	(D)
1992	880	307	263	1 012	95	895	920	502
50 to 99 ..... farms, 1997	25	7	4	23	4	20	7	14
1992	47	22	23	69	11	52	29	23
number, 1997	1 657	566	312	1 650	293	1 458	563	981
1992	3 253	1 633	1 624	4 770	811	3 609	2 038	1 673
100 to 199 ..... farms, 1997	45	6	16	52	10	30	25	17
1992	121	17	20	111	31	90	52	34
number, 1997	6 141	837	2 213	7 366	1 478	3 908	3 812	2 314
1992	16 945	2 499	2 666	15 418	4 575	12 189	6 859	4 848
200 to 499 ..... farms, 1997	114	13	25	117	25	87	38	51
1992	237	28	47	232	50	140	83	101
number, 1997	38 118	4 148	8 210	36 638	8 711	27 225	11 164	16 517
1992	79 335	8 880	14 448	75 543	15 713	45 104	25 371	31 903
500 to 999 ..... farms, 1997	162	12	17	82	13	59	28	37
1992	200	14	21	173	31	97	56	76
number, 1997	114 283	9 191	11 221	54 455	8 347	40 793	19 045	26 205
1992	136 139	9 048	14 027	111 121	20 852	64 060	38 658	49 463
1,000 or more ..... farms, 1997	135	19	15	86	23	66	38	56
1992	161	18	14	104	9	67	31	44
number, 1997	240 685	110 087	23 294	157 635	101 633	168 506	71 062	151 903
1992	253 120	30 596	24 689	162 442	14 877	111 125	53 996	80 190
Hogs and pigs used or to be used for breeding ..... farms, 1997	379	43	57	287	40	169	94	94
1992	646	78	94	599	83	350	189	203
number, 1997	41 542	6 558	5 334	27 558	6 317	22 568	12 096	9 894
1992	57 926	6 573	7 451	44 597	4 714	29 250	14 249	18 220
1997 farms by inventory:								
1 to 24	44	11	14	59	7	29	17	22
25 to 49	53	8	13	63	12	32	19	15
50 to 99	109	7	12	78	9	45	22	26
100 or more	173	17	18	87	12	63	36	31
Other hogs and pigs ..... farms, 1997	504	68	80	387	81	285	150	181
1992	796	121	137	739	145	500	296	296
number, 1997	360 187	118 472	39 999	231 010	114 288	220 060	94 061	188 162
1992	432 040	46 578	50 371	326 406	52 396	208 316	113 970	150 612
LITTERS								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ..... farms, 1997	388	45	60	295	41	179	98	96
1992	669	84	102	618	89	361	198	220
number, 1997	65 299	11 907	7 725	41 814	11 008	39 636	24 863	15 216
1992	91 787	11 841	9 530	74 169	7 563	46 400	23 907	31 374
Dec. 1 of preceding year and May 31 ..... farms, 1997	374	44	57	287	40	174	95	92
1992	654	78	93	605	85	351	193	207
number, 1997	32 847	6 076	3 440	20 900	5 424	20 504	12 533	7 161
1992	46 240	6 124	4 922	37 982	3 850	23 566	12 153	15 797
June 1 and Nov. 30 ..... farms, 1997	371	40	58	277	41	170	92	91
1992	648	77	94	579	84	347	181	209
number, 1997	32 452	5 831	4 285	20 914	5 584	19 132	12 330	8 055
1992	45 547	5 717	4 608	36 187	3 713	22 834	11 754	15 577
SALES								
Hogs and pigs sold ..... farms, 1997	537	72	90	409	87	311	164	196
1992	858	142	157	795	167	564	329	339
number, 1997	656 200	213 190	76 390	430 305	176 785	514 197	244 712	344 268
1992	813 394	118 195	102 515	642 169	110 838	455 013	251 937	361 087
$1,000, 1997	77 671	19 272	9 095	45 479	17 247	56 941	24 578	37 304
1992	79 012	10 085	9 791	59 625	10 718	42 940	22 570	33 134
1997 farms by number sold:								
1 to 24 ..... farms	12	6	7	15	6	13	8	1
number	123	(D)	(D)	177	(D)	163	98	(D)
25 to 49 ..... farms	9	2	2	9	1	15	6	4
number	310	(D)	(D)	334	(D)	525	201	(D)
50 to 99 ..... farms	26	3	4	18	3	20	10	10
number	1 948	265	311	1 349	205	1 519	746	678
100 to 199 ..... farms	43	9	10	44	10	35	21	18
number	6 052	1 026	1 261	6 358	1 270	4 905	3 119	2 406
200 to 499 ..... farms	81	12	21	104	19	54	26	36
number	27 542	3 710	6 547	35 397	6 412	17 222	8 667	12 348
500 to 999 ..... farms	118	12	19	87	13	63	28	45
number	83 992	9 204	13 074	61 049	9 606	45 728	20 224	31 300
1,000 or more ..... farms	248	28	27	132	35	111	65	82
number	536 233	198 845	55 029	325 641	159 170	444 135	211 657	297 392
Feeder pigs sold ..... farms, 1997	80	14	9	61	13	43	27	16
1992	163	28	23	205	36	97	79	54
number, 1997	77 320	70 580	6 347	85 442	45 341	97 582	67 491	46 014
1992	99 409	37 587	13 912	125 065	16 014	80 324	65 457	80 898
$1,000, 1997	3 207	2 126	221	3 428	2 139	4 203	2 171	1 737
1992	3 635	1 565	478	4 770	684	2 958	2 375	2 789
Hogs and pigs other than feeder pigs sold ..... farms, 1997	517	68	89	401	84	303	155	193
1992	835	137	154	746	160	540	307	326
number, 1997	578 880	142 610	70 043	344 863	131 444	416 615	177 221	298 254
1992	713 985	80 608	88 603	517 104	94 824	374 689	186 480	280 189
$1,000, 1997	74 465	17 146	8 874	42 051	15 108	52 739	22 407	35 567
1992	75 377	8 520	9 313	54 855	10 035	39 982	20 194	30 345

Table 15. **Hogs and Pigs—Inventory, Litters, and Sales: 1997 and 1992**—Con.

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

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
INVENTORY								
Hogs and pigs ..... farms, 1997	54	125	180	120	159	186	205	74
1992	115	181	305	258	235	349	337	191
number, 1997	24 261	154 717	156 834	81 536	448 312	174 621	395 359	66 383
1992	41 602	75 794	145 054	96 817	207 043	166 642	204 098	62 520
Farms by inventory:								
1 to 24 ..... farms, 1997	4	19	13	17	7	8	16	5
1992	10	20	17	35	14	25	19	13
number, 1997	53	(D)	96	(D)	54	(D)	207	48
1992	94	217	209	372	135	321	260	157
25 to 49 ..... farms, 1997	4	1	5	2	9	1	9	7
1992	10	12	8	22	6	21	18	23
number, 1997	154	(D)	166	(D)	309	(D)	353	257
1992	360	430	290	869	207	841	671	809
50 to 99 ..... farms, 1997	6	11	10	17	3	12	8	10
1992	15	16	24	24	15	36	34	32
number, 1997	386	735	622	1 207	207	805	546	722
1992	1 015	1 124	1 741	1 668	1 104	2 504	2 404	2 424
100 to 199 ..... farms, 1997	11	12	16	14	11	25	18	9
1992	28	30	47	45	20	51	35	35
number, 1997	1 543	1 765	2 282	1 968	1 402	3 333	2 534	1 296
1992	3 894	4 011	6 491	6 418	2 771	7 153	4 866	4 722
200 to 499 ..... farms, 1997	17	28	52	28	34	52	55	18
1992	31	51	121	76	76	111	104	52
number, 1997	4 930	8 923	17 143	8 912	11 871	17 010	19 195	6 131
1992	9 442	15 040	38 499	22 596	23 559	37 272	32 557	15 541
500 to 999 ..... farms, 1997	9	19	46	19	30	40	34	12
1992	13	32	53	37	54	66	73	22
number, 1997	6 539	13 216	32 395	14 156	21 755	28 860	23 456	8 626
1992	7 932	22 894	37 548	24 347	36 708	45 887	50 035	14 197
1,000 or more ..... farms, 1997	3	35	38	23	65	48	65	13
1992	8	20	35	19	50	39	54	14
number, 1997	10 656	129 855	104 130	55 043	412 714	124 493	349 068	49 303
1992	18 865	32 078	60 276	40 547	142 559	72 664	113 305	24 670
Hogs and pigs used or to be used for breeding ..... farms, 1997	31	57	102	86	83	113	131	47
1992	82	98	197	178	157	247	243	113
number, 1997	2 243	5 080	12 764	6 950	36 947	13 882	26 299	8 384
1992	5 026	7 881	14 664	11 879	20 050	21 386	24 614	9 013
1997 farms by inventory:								
1 to 24	11	11	19	42	13	23	33	15
25 to 49	9	12	14	12	12	18	20	10
50 to 99	6	18	22	13	25	30	29	13
100 or more	5	16	47	19	33	42	49	9
Other hogs and pigs ..... farms, 1997	52	119	174	110	153	182	199	73
1992	111	178	297	251	231	344	324	185
number, 1997	22 018	149 637	144 070	74 586	411 365	160 739	369 060	57 999
1992	36 576	67 913	130 390	84 938	186 993	145 256	179 484	53 507
LITTERS								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ..... farms, 1997	33	57	110	88	87	117	136	49
1992	84	106	209	190	166	259	256	124
number, 1997	3 767	8 211	18 410	13 524	66 374	24 044	44 321	13 603
1992	7 935	14 000	24 289	19 227	33 107	33 640	39 555	14 624
Dec. 1 of preceding year and May 31 ..... farms, 1997	31	54	108	83	84	115	130	48
1992	79	100	198	184	159	250	247	122
number, 1997	2 063	4 072	9 122	6 890	33 166	11 961	22 227	6 752
1992	4 394	7 432	12 176	10 398	16 486	17 655	20 723	7 374
June 1 and Nov. 30 ..... farms, 1997	27	54	105	78	80	111	126	46
1992	72	94	192	166	157	240	240	117
number, 1997	1 704	4 139	9 288	6 634	33 208	12 083	22 094	6 851
1992	3 541	6 568	12 113	8 829	16 621	15 985	18 832	7 250
SALES								
Hogs and pigs sold ..... farms, 1997	57	131	193	125	177	200	221	84
1992	131	204	334	276	262	389	364	217
number, 1997	41 961	219 445	278 512	149 046	882 366	319 576	770 168	170 083
1992	73 545	163 277	262 536	183 759	384 527	328 647	428 513	164 419
$1,000, 1997	4 983	22 209	35 127	15 771	106 151	36 249	88 491	15 345
1992	7 665	16 035	25 712	17 189	37 443	30 186	40 265	11 716
1997 farms by number sold:								
1 to 24 ..... farms	4	18	11	8	12	6	11	7
number	(D)	215	148	127	137	87	145	108
25 to 49 ..... farms	2	3	5	3	3	5	15	5
number	(D)	122	173	90	139	169	486	170
50 to 99 ..... farms	5	5	9	16	5	17	12	5
number	346	341	599	1 151	363	1 176	894	339
100 to 199 ..... farms	7	7	12	15	11	12	13	11
number	935	949	1 793	1 680	1 372	1 653	1 929	1 684
200 to 499 ..... farms	22	26	31	25	25	36	38	17
number	7 010	9 033	9 994	9 070	8 473	11 953	12 851	5 815
500 to 999 ..... farms	6	23	46	24	30	45	43	18
number	4 530	17 043	33 321	17 745	20 940	32 692	31 798	11 933
1,000 or more ..... farms	11	49	79	34	91	79	89	21
number	29 022	191 742	232 484	119 183	850 942	271 846	722 065	150 034
Feeder pigs sold ..... farms, 1997	7	17	30	16	16	18	28	14
1992	15	43	69	68	51	71	71	50
number, 1997	2 453	48 596	19 894	30 869	39 354	41 804	43 463	62 795
1992	4 472	33 695	33 319	34 965	43 127	60 503	75 018	86 736
$1,000, 1997	99	2 154	859	1 140	1 861	1 632	1 862	2 343
1992	165	1 283	1 269	1 504	1 722	2 282	2 912	3 657
Hogs and pigs other than feeder pigs sold ..... farms, 1997	54	127	190	122	171	198	214	78
1992	124	196	321	256	254	383	351	201
number, 1997	39 508	170 849	258 618	118 177	843 012	277 772	726 705	107 288
1992	69 073	129 582	229 217	148 794	341 400	268 144	353 495	77 683
$1,000, 1997	4 885	20 055	34 268	14 631	104 290	34 617	86 629	13 001
1992	7 500	14 752	24 442	15 684	35 721	27 904	37 353	8 059

Table 15. **Hogs and Pigs—Inventory, Litters, and Sales: 1997 and 1992**—Con.

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

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
INVENTORY								
Hogs and pigs ..... farms, 1997	129	187	108	149	201	232	215	121
1992	196	340	186	295	372	512	445	199
number, 1997	88 271	98 979	85 721	120 684	134 113	89 234	180 743	72 998
1992	91 562	103 793	99 198	120 240	144 730	162 940	233 254	83 196
Farms by inventory:								
1 to 24 ..... farms, 1997	10	19	6	6	11	28	17	12
1992	15	23	9	13	24	48	24	21
number, 1997	106	169	88	66	143	262	177	144
1992	132	214	136	225	308	648	262	237
25 to 49 ..... farms, 1997	8	10	4	8	5	16	5	9
1992	21	29	8	23	17	36	21	11
number, 1997	310	341	141	299	184	557	193	370
1992	760	1 022	308	817	622	1 313	705	368
50 to 99 ..... farms, 1997	5	10	6	12	17	18	15	17
1992	13	38	19	29	37	57	41	23
number, 1997	289	815	370	906	1 214	1 387	1 076	1 174
1992	890	2 650	1 285	1 829	2 628	4 015	2 802	1 626
100 to 199 ..... farms, 1997	12	30	11	17	19	37	23	12
1992	27	71	23	45	78	79	62	43
number, 1997	1 762	4 549	1 406	2 296	2 631	5 173	3 415	1 609
1992	4 000	9 920	3 309	6 277	11 178	11 175	8 461	5 630
200 to 499 ..... farms, 1997	33	62	40	45	69	73	50	18
1992	57	114	61	101	122	187	137	47
number, 1997	10 652	19 575	12 603	14 843	23 001	24 579	15 340	5 416
1992	18 081	34 610	19 353	31 214	39 839	56 750	45 604	15 292
500 to 999 ..... farms, 1997	32	33	22	29	46	40	63	33
1992	38	52	40	68	64	82	108	35
number, 1997	21 762	22 680	15 346	19 177	31 367	27 635	44 231	20 773
1992	25 124	35 481	27 313	44 939	45 099	55 164	73 403	24 723
1,000 or more ..... farms, 1997	29	23	19	32	34	20	42	20
1992	25	13	26	16	30	23	52	19
number, 1997	53 390	50 850	55 767	83 097	75 573	29 641	116 311	43 512
1992	42 575	19 896	47 494	34 939	45 056	33 875	102 017	35 320
Hogs and pigs used or to be used for breeding ..... farms, 1997	81	126	63	81	134	157	142	70
1992	137	252	107	185	284	395	338	134
number, 1997	7 368	9 646	7 686	11 309	10 193	10 043	23 239	6 749
1992	10 540	13 390	10 816	12 177	16 207	19 191	27 027	10 013
1997 farms by inventory:								
1 to 24	21	39	13	21	29	55	27	28
25 to 49	12	34	15	16	24	35	24	6
50 to 99	19	28	19	18	47	37	41	15
100 or more	29	25	16	26	34	30	50	21
Other hogs and pigs ..... farms, 1997	124	175	105	145	193	217	204	119
1992	193	314	180	285	363	490	423	195
number, 1997	80 903	89 333	78 035	109 375	123 920	79 191	157 504	66 249
1992	81 022	90 403	88 382	108 063	128 523	143 749	206 227	73 183
LITTERS								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ..... farms, 1997	86	134	64	86	146	165	149	72
1992	145	263	117	194	298	413	354	152
number, 1997	12 254	15 627	13 985	19 478	17 438	15 608	39 461	10 396
1992	18 665	19 679	19 298	19 432	25 934	29 551	43 441	18 464
Dec. 1 of preceding year and May 31 ..... farms, 1997	84	123	61	82	142	158	149	68
1992	139	245	112	189	285	391	343	144
number, 1997	6 291	7 913	7 018	9 620	8 829	8 142	19 788	5 174
1992	9 687	9 791	10 126	10 111	13 450	15 095	21 515	9 433
June 1 and Nov. 30 ..... farms, 1997	77	125	58	81	139	147	138	64
1992	133	236	107	180	265	388	335	141
number, 1997	5 963	7 714	6 967	9 858	8 609	7 466	19 673	5 222
1992	8 978	9 888	9 172	9 321	12 484	14 456	21 926	9 031
SALES								
Hogs and pigs sold ..... farms, 1997	133	195	114	165	210	238	232	128
1992	220	358	215	324	396	541	458	217
number, 1997	153 299	178 278	182 194	221 398	225 076	165 728	435 549	142 282
1992	191 345	195 012	218 792	220 866	265 337	293 288	413 277	195 665
$1,000, 1997	17 023	20 049	17 438	20 029	28 179	18 190	38 468	13 956
1992	17 102	18 206	18 515	20 819	26 253	26 771	40 102	15 601
1997 farms by number sold:								
1 to 24 ..... farms	11	16	5	6	7	19	14	8
number	(D)	151	75	71	71	254	(D)	101
25 to 49 ..... farms	4	6	4	9	5	13	2	8
number	135	213	132	347	164	481	(D)	322
50 to 99 ..... farms	2	16	6	9	9	22	10	10
number	(D)	1 227	411	689	625	1 518	638	585
100 to 199 ..... farms	8	27	11	18	31	28	17	16
number	943	4 111	1 360	2 527	4 338	3 884	2 793	2 132
200 to 499 ..... farms	31	49	26	44	41	58	54	19
number	9 994	16 477	7 666	15 974	13 150	19 703	18 161	6 180
500 to 999 ..... farms	27	37	32	34	44	45	52	24
number	19 655	26 185	22 975	23 316	30 256	31 874	37 944	15 572
1,000 or more ..... farms	50	44	30	45	73	53	83	43
number	122 266	129 914	149 575	178 474	176 472	108 014	375 753	117 390
Feeder pigs sold ..... farms, 1997	19	30	21	25	27	33	28	10
1992	53	76	36	54	63	145	98	45
number, 1997	23 032	21 628	67 689	87 430	11 911	29 679	173 014	36 945
1992	49 612	28 505	60 903	35 759	26 990	63 283	59 859	69 597
$1,000, 1997	967	755	3 165	3 380	459	1 370	7 348	1 416
1992	1 865	998	2 043	1 330	1 051	2 423	2 315	2 151
Hogs and pigs other than feeder pigs sold ..... farms, 1997	129	187	106	162	206	231	227	127
1992	211	348	211	308	384	504	437	206
number, 1997	130 267	156 650	114 505	133 968	213 165	136 049	262 535	105 337
1992	141 733	166 507	157 889	185 107	238 347	230 005	353 418	126 068
$1,000, 1997	16 056	19 294	14 273	16 649	27 720	16 820	31 120	12 540
1992	15 237	17 207	16 472	19 489	25 203	24 348	37 786	13 449

Table 15. **Hogs and Pigs—Inventory, Litters, and Sales: 1997 and 1992**—Con.

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

Item		Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
INVENTORY									
Hogs and pigs	farms, 1997	279	233	195	306	146	193	95	55
	1992	496	482	385	488	251	396	159	96
	number, 1997	137 946	147 204	144 412	323 029	113 345	80 301	90 189	19 082
	1992	206 249	257 102	210 698	231 962	131 176	128 574	59 935	28 400
Farms by inventory:									
1 to 24	farms, 1997	20	23	16	19	7	26	11	12
	1992	33	45	33	19	24	47	18	12
	number, 1997	248	222	166	294	65	270	133	122
	1992	430	411	379	255	253	496	178	124
25 to 49	farms, 1997	8	8	10	10	6	18	5	4
	1992	29	21	21	32	17	41	12	7
	number, 1997	266	285	368	386	240	608	195	166
	1992	980	771	709	1 128	586	1 462	393	277
50 to 99	farms, 1997	23	16	14	20	7	15	8	4
	1992	40	42	29	45	20	30	10	14
	number, 1997	1 678	1 066	1 082	1 438	492	1 045	504	275
	1992	2 774	3 024	2 032	3 137	1 382	1 933	655	959
100 to 199	farms, 1997	46	33	15	35	19	22	14	3
	1992	85	78	47	83	37	70	23	17
	number, 1997	6 442	4 498	2 254	5 343	2 588	2 926	2 006	390
	1992	11 934	10 168	6 495	11 318	4 991	10 022	3 370	2 228
200 to 499	farms, 1997	86	64	51	86	39	46	18	15
	1992	169	151	107	157	69	121	61	27
	number, 1997	27 552	20 139	15 071	28 159	11 948	14 081	5 370	4 419
	1992	54 643	48 910	34 663	51 456	22 732	37 123	19 376	8 882
500 to 999	farms, 1997	63	40	46	60	33	45	16	14
	1992	94	78	88	87	48	59	27	13
	number, 1997	41 761	29 002	33 300	41 004	22 766	30 090	11 108	9 360
	1992	62 616	54 478	60 240	57 298	31 139	37 936	19 726	9 045
1,000 or more	farms, 1997	33	49	43	76	35	21	23	3
	1992	46	67	60	65	36	28	8	6
	number, 1997	59 999	91 992	92 171	246 405	75 246	31 281	70 873	4 350
	1992	72 872	139 340	106 180	107 370	70 093	39 602	16 237	6 885
Hogs and pigs used or to be used for breeding	farms, 1997	208	174	142	198	103	133	57	32
	1992	412	350	306	362	182	283	116	77
	number, 1997	13 592	20 749	16 112	33 285	13 093	8 740	19 155	2 138
	1992	25 976	33 525	25 174	26 100	14 531	17 380	7 886	4 013
1997 farms by inventory:									
1 to 24		49	43	27	34	18	51	15	12
25 to 49		63	26	23	42	20	26	9	3
50 to 99		60	39	40	57	30	28	17	9
100 or more		36	66	52	65	35	28	16	8
Other hogs and pigs	farms, 1997	270	224	186	295	141	186	91	53
	1992	472	462	368	475	241	382	152	92
	number, 1997	124 354	126 455	128 300	289 744	100 252	71 561	71 034	16 944
	1992	180 273	223 577	185 524	205 862	116 645	111 194	52 049	24 387
LITTERS									
Litters of pigs farrowed between—									
Dec. 1 of preceding year and Nov. 30	farms, 1997	220	177	149	202	106	140	63	33
	1992	428	368	324	378	190	296	120	83
	number, 1997	21 796	32 654	24 959	45 402	22 302	13 244	31 231	3 075
	1992	41 648	53 661	42 687	41 345	29 109	25 020	12 237	6 217
Dec. 1 of preceding year and May 31	farms, 1997	211	168	141	197	102	134	59	31
	1992	417	349	316	369	177	288	119	72
	number, 1997	11 016	16 288	12 455	21 329	12 302	6 726	13 768	1 612
	1992	20 972	26 321	21 574	21 136	14 702	13 037	6 552	2 897
June 1 and Nov. 30	farms, 1997	202	169	138	191	103	125	58	32
	1992	409	346	297	354	179	275	104	76
	number, 1997	10 780	16 366	12 504	24 073	10 000	6 518	17 463	1 463
	1992	20 676	27 340	21 113	20 209	14 407	11 983	5 685	3 320
SALES									
Hogs and pigs sold	farms, 1997	300	249	204	326	150	200	103	59
	1992	521	514	405	516	257	432	171	110
	number, 1997	233 268	284 774	258 083	657 058	201 341	135 108	299 766	41 353
	1992	365 138	460 454	382 018	422 333	248 783	232 380	118 462	57 173
	$1,000, 1997	27 985	30 609	30 739	65 066	23 099	15 430	34 345	4 253
	1992	35 435	41 643	35 438	40 200	24 558	22 180	9 870	5 359
1997 farms by number sold:									
1 to 24	farms	15	16	9	14	3	19	9	8
	number	195	220	83	184	44	196	119	46
25 to 49	farms	7	14	7	7	3	19	3	5
	number	298	506	257	247	123	629	114	192
50 to 99	farms	15	13	13	12	10	9	9	4
	number	1 027	1 010	968	961	644	612	584	249
100 to 199	farms	30	27	16	39	17	27	12	4
	number	4 450	4 026	2 231	5 486	2 482	3 800	1 471	596
200 to 499	farms	89	55	34	66	26	38	21	11
	number	29 632	17 991	11 857	21 465	8 804	12 106	6 739	3 050
500 to 999	farms	71	44	39	69	36	41	17	14
	number	47 356	32 028	26 858	46 776	24 689	30 133	11 938	9 059
1,000 or more	farms	73	80	86	119	55	47	32	13
	number	150 310	228 993	215 829	581 939	164 555	87 632	278 801	28 161
Feeder pigs sold	farms, 1997	41	26	27	36	21	26	7	9
	1992	125	120	85	112	45	88	38	31
	number, 1997	26 074	58 574	28 666	154 414	37 183	14 630	28 160	10 300
	1992	62 691	110 499	74 228	71 572	32 019	30 985	39 382	11 709
	$1,000, 1997	1 200	2 639	1 502	4 116	1 762	659	644	362
	1992	2 549	4 400	2 735	2 547	1 340	1 174	1 458	415
Hogs and pigs other than feeder pigs sold	farms, 1997	284	241	199	315	146	194	100	56
	1992	503	486	383	500	245	413	164	102
	number, 1997	207 194	226 200	229 417	502 644	164 158	120 478	271 606	31 053
	1992	302 447	349 955	307 790	350 761	216 764	201 395	79 080	45 464
	$1,000, 1997	26 785	27 970	29 237	60 950	21 337	14 772	33 701	3 891
	1992	32 886	37 243	32 703	37 653	23 217	21 006	8 412	4 945

Table 15. **Hogs and Pigs—Inventory, Litters, and Sales: 1997 and 1992**—Con.

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

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
INVENTORY								
Hogs and pigs ..... farms, 1997	371	87	259	138	139	51	259	114
1992	514	216	436	285	232	128	372	235
number, 1997	325 619	40 136	247 819	80 740	118 159	17 544	265 686	55 490
1992	232 607	61 197	242 573	118 376	126 867	40 049	179 330	72 564
Farms by inventory:								
1 to 24 ..... farms, 1997	12	15	7	12	11	8	16	10
1992	21	21	21	44	17	11	18	33
number, 1997	145	159	119	120	127	(D)	191	117
1992	273	326	250	587	184	117	278	408
25 to 49 ..... farms, 1997	15	7	7	7	7	–	15	8
1992	12	31	23	11	13	12	29	14
number, 1997	627	279	236	216	249	–	581	287
1992	448	1 089	803	368	442	428	1 085	457
50 to 99 ..... farms, 1997	17	8	12	14	12	7	18	9
1992	54	35	25	31	20	22	38	30
number, 1997	1 251	573	856	1 046	837	530	1 198	603
1992	3 880	2 388	1 681	2 225	1 251	1 434	2 737	2 082
100 to 199 ..... farms, 1997	44	12	28	18	14	10	29	19
1992	96	38	64	33	31	31	58	39
number, 1997	6 490	1 749	3 994	2 245	2 118	1 429	4 189	2 578
1992	13 101	4 974	8 981	4 441	4 090	4 445	7 991	5 048
200 to 499 ..... farms, 1997	117	26	67	37	24	17	72	33
1992	169	53	121	82	69	29	97	77
number, 1997	37 079	8 497	21 583	11 230	8 642	4 816	23 713	9 568
1992	53 912	16 868	38 450	27 311	22 762	8 575	29 997	25 059
500 to 999 ..... farms, 1997	70	9	69	24	36	7	51	21
1992	103	28	114	55	49	15	91	25
number, 1997	49 748	6 152	48 517	16 238	25 858	4 897	36 858	15 746
1992	66 761	17 453	76 989	38 213	34 091	11 036	64 378	15 470
1,000 or more ..... farms, 1997	96	10	69	26	35	2	58	14
1992	59	10	68	29	33	8	41	17
number, 1997	230 279	22 727	172 514	49 645	80 328	(D)	198 956	26 591
1992	94 232	18 099	115 419	45 231	64 047	14 014	72 864	24 040
Hogs and pigs used or to be used for breeding ..... farms, 1997	182	56	173	98	89	40	172	81
1992	323	169	336	227	171	90	280	177
number, 1997	27 133	8 017	33 826	9 818	14 050	2 714	27 895	6 639
1992	27 044	8 083	26 713	14 814	15 646	4 950	20 923	9 685
1997 farms by inventory:								
1 to 24	27	22	22	18	23	18	42	33
25 to 49	42	11	29	26	11	6	23	11
50 to 99	46	9	45	24	21	9	42	17
100 or more	67	14	77	30	34	7	65	20
Other hogs and pigs ..... farms, 1997	361	86	254	126	135	50	255	108
1992	499	206	426	265	222	125	360	217
number, 1997	298 486	32 119	213 993	70 922	104 109	14 830	237 791	48 851
1992	205 563	53 114	215 860	103 562	111 221	35 099	158 407	62 879
LITTERS								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ..... farms, 1997	191	62	190	101	92	42	182	84
1992	340	186	363	238	179	99	291	189
number, 1997	47 684	7 001	40 666	13 252	19 518	4 831	45 607	7 622
1992	46 469	12 922	46 101	26 001	25 523	8 000	33 886	13 763
Dec. 1 of preceding year and May 31 ..... farms, 1997	185	53	182	92	88	41	175	82
1992	332	172	353	225	176	95	274	177
number, 1997	24 174	3 329	20 569	6 660	10 038	2 499	23 328	3 978
1992	23 472	6 516	23 702	13 653	12 572	4 259	16 745	7 372
June 1 and Nov. 30 ..... farms, 1997	180	56	174	89	83	38	168	75
1992	318	165	335	226	163	87	280	155
number, 1997	23 510	3 672	20 097	6 592	9 480	2 332	22 279	3 644
1992	22 997	6 406	22 399	12 348	12 951	3 741	17 141	6 391
SALES								
Hogs and pigs sold ..... farms, 1997	392	91	284	138	146	55	285	117
1992	549	238	477	304	246	146	388	256
number, 1997	628 837	86 570	506 067	158 956	220 724	42 484	490 159	98 124
1992	477 954	117 089	429 094	217 257	232 322	86 562	322 154	134 317
$1,000, 1997	66 097	9 049	60 086	16 524	23 355	3 592	57 150	12 508
1992	42 516	11 702	41 945	20 212	22 207	7 558	30 130	13 115
1997 farms by number sold:								
1 to 24 ..... farms	8	12	7	7	5	8	23	6
number	69	150	95	(D)	65	(D)	322	95
25 to 49 ..... farms	10	8	10	2	8	1	13	8
number	374	307	308	(D)	289	(D)	501	270
50 to 99 ..... farms	18	7	15	11	9	1	20	8
number	1 388	523	1 067	788	624	(D)	1 415	563
100 to 199 ..... farms	26	7	18	15	13	5	27	20
number	3 680	967	2 772	1 998	1 737	633	3 495	2 683
200 to 499 ..... farms	99	24	46	37	26	20	52	24
number	30 639	7 382	15 744	12 275	8 448	5 840	16 445	8 001
500 to 999 ..... farms	77	18	63	23	27	15	50	20
number	55 492	12 636	44 494	15 861	20 646	9 697	34 252	15 526
1,000 or more ..... farms	154	15	125	43	58	5	100	31
number	537 195	64 605	441 587	127 905	188 915	26 068	433 729	70 986
Feeder pigs sold ..... farms, 1997	45	20	34	15	18	7	41	16
1992	126	73	88	79	46	18	91	56
number, 1997	71 963	6 709	49 060	33 643	43 820	(D)	62 830	7 833
1992	124 699	23 177	46 905	41 703	42 529	24 263	51 989	14 095
$1,000, 1997	3 296	278	2 055	1 703	1 548	859	3 470	357
1992	4 905	818	1 745	1 699	1 725	895	1 941	535
Hogs and pigs other than feeder pigs sold ..... farms, 1997	377	87	276	133	145	55	277	113
1992	522	226	453	276	242	142	370	242
number, 1997	556 874	79 861	457 007	125 313	176 904	(D)	427 329	90 291
1992	353 255	93 912	382 189	175 554	189 793	62 299	270 165	120 222
$1,000, 1997	62 801	8 771	58 031	14 821	21 807	2 733	53 680	12 152
1992	37 611	10 884	40 200	18 513	20 481	6 662	28 190	12 580

Table 15. **Hogs and Pigs—Inventory, Litters, and Sales: 1997 and 1992**—Con.

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

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
INVENTORY								
Hogs and pigs ..... farms, 1997	48	79	141	280	153	126	157	465
1992	122	180	246	493	237	277	308	780
number, 1997	45 184	38 330	68 777	283 000	216 701	61 151	199 116	460 965
1992	34 691	59 401	91 615	266 685	134 341	85 280	141 233	403 064
Farms by inventory:								
1 to 24 ..... farms, 1997	5	5	18	7	5	10	8	17
1992	24	7	22	16	9	18	16	35
number, 1997	47	69	260	70	54	148	85	218
1992	259	85	234	213	128	270	228	531
25 to 49 ..... farms, 1997	8	4	6	6	4	9	12	13
1992	6	10	15	16	6	17	10	35
number, 1997	251	131	218	214	132	334	438	474
1992	201	383	481	484	216	621	359	1 268
50 to 99 ..... farms, 1997	3	10	12	3	5	9	12	18
1992	22	23	31	25	19	39	20	65
number, 1997	236	650	860	186	387	614	805	1 256
1992	1 559	1 683	2 340	1 799	1 412	2 815	1 377	4 750
100 to 199 ..... farms, 1997	6	17	19	33	16	21	11	52
1992	18	41	50	88	44	72	47	104
number, 1997	852	2 257	2 495	4 258	2 155	3 046	1 407	7 288
1992	2 599	6 069	7 112	11 858	5 831	9 901	6 463	15 092
200 to 499 ..... farms, 1997	11	19	47	82	46	37	42	121
1992	30	62	66	169	89	83	115	229
number, 1997	4 019	6 043	15 358	25 712	15 489	10 874	14 033	39 068
1992	9 076	18 796	20 297	52 250	28 807	25 871	36 914	72 514
500 to 999 ..... farms, 1997	6	13	25	66	27	18	30	102
1992	18	26	39	115	46	32	72	204
number, 1997	3 405	9 767	17 474	46 594	19 190	12 024	21 742	69 574
1992	11 885	17 984	25 959	76 935	29 871	20 776	49 162	136 925
1,000 or more ..... farms, 1997	9	11	14	83	50	22	42	142
1992	4	11	23	64	24	16	28	108
number, 1997	36 374	19 413	32 112	205 966	179 294	34 111	160 606	343 087
1992	9 112	14 401	35 192	123 146	68 076	25 026	46 730	171 984
Hogs and pigs used or to be used for breeding ..... farms, 1997	35	58	105	145	74	89	88	252
1992	89	119	185	300	154	189	185	571
number, 1997	6 265	4 717	8 558	21 545	12 817	5 834	14 320	37 872
1992	4 303	6 762	10 926	26 306	12 622	8 797	13 763	47 244
1997 farms by inventory:								
1 to 24	14	22	33	20	11	34	23	46
25 to 49	7	11	24	32	12	19	16	42
50 to 99	8	10	28	37	19	17	28	57
100 or more	6	15	20	56	32	19	21	107
Other hogs and pigs ..... farms, 1997	47	78	132	273	149	121	152	447
1992	115	176	237	488	228	273	301	756
number, 1997	38 919	33 613	60 219	261 455	203 884	55 317	184 796	423 093
1992	30 388	52 639	80 689	240 379	121 719	76 483	127 470	355 820
LITTERS								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ..... farms, 1997	35	58	106	150	77	90	93	277
1992	98	126	189	311	159	203	195	588
number, 1997	8 071	7 727	12 140	36 658	20 602	8 870	28 100	59 365
1992	8 075	10 793	17 427	44 048	20 885	14 152	23 895	75 746
Dec. 1 of preceding year and May 31 ..... farms, 1997	33	51	99	149	71	89	89	263
1992	91	121	178	298	155	196	188	568
number, 1997	3 788	3 622	6 823	17 991	9 606	4 441	14 298	28 962
1992	4 048	5 511	8 971	22 401	10 189	7 174	12 062	39 317
June 1 and Nov. 30 ..... farms, 1997	32	56	98	139	74	82	90	256
1992	86	115	177	289	152	185	181	542
number, 1997	4 283	4 105	5 317	18 667	10 996	4 429	13 802	30 403
1992	4 027	5 282	8 456	21 647	10 696	6 978	11 833	36 429
SALES								
Hogs and pigs sold ..... farms, 1997	50	86	150	300	165	130	170	502
1992	126	205	261	526	259	293	333	830
number, 1997	88 139	70 046	115 246	609 841	408 719	98 018	436 283	827 513
1992	75 117	104 062	181 310	497 663	248 582	147 214	273 073	748 248
$1,000, 1997	11 034	8 383	14 051	62 239	45 427	11 372	47 471	85 582
1992	6 627	10 484	17 219	48 154	24 878	14 836	24 794	69 032
1997 farms by number sold:								
1 to 24 ..... farms	4	6	10	5	4	3	7	17
number	(D)	70	137	71	(D)	(D)	73	226
25 to 49 ..... farms	5	4	6	4	2	8	7	9
number	174	130	210	146	(D)	(D)	289	307
50 to 99 ..... farms	2	9	16	15	7	11	14	24
number	(D)	731	1 128	971	528	794	918	1 772
100 to 199 ..... farms	5	10	22	9	17	19	9	39
number	744	1 381	3 049	1 339	2 467	2 285	1 374	5 522
200 to 499 ..... farms	11	28	28	54	34	37	42	83
number	3 753	9 276	8 831	16 382	10 205	11 670	13 396	25 758
500 to 999 ..... farms	9	10	36	76	29	19	38	104
number	6 598	7 684	25 610	55 150	20 384	13 176	29 173	72 850
1,000 or more ..... farms	14	19	32	137	72	33	53	226
number	76 677	50 774	76 281	535 782	375 006	69 757	391 060	721 078
Feeder pigs sold ..... farms, 1997	12	15	17	30	13	10	20	69
1992	30	21	55	91	58	39	62	212
number, 1997	8 892	9 167	9 488	109 541	17 429	4 798	107 161	166 842
1992	23 299	8 941	31 122	56 631	35 132	9 260	57 575	145 931
$1,000, 1997	395	365	376	3 824	695	264	2 988	6 267
1992	888	383	1 035	2 202	1 227	358	2 020	5 566
Hogs and pigs other than feeder pigs sold ..... farms, 1997	49	80	148	292	161	130	165	483
1992	115	199	245	515	246	289	320	794
number, 1997	79 247	60 879	105 758	500 300	391 290	93 220	329 122	660 671
1992	51 818	95 121	150 188	441 032	213 450	137 954	215 498	602 317
$1,000, 1997	10 639	8 018	13 675	58 415	44 732	11 107	44 483	79 315
1992	5 739	10 100	16 184	45 952	23 652	14 478	22 773	63 466

Table 15. **Hogs and Pigs—Inventory, Litters, and Sales: 1997 and 1992**—Con.

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

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
INVENTORY								
Hogs and pigs ..... farms, 1997	151	64	189	172	55	240	152	217
1992	260	120	405	310	191	403	284	484
number, 1997	118 209	21 780	87 323	109 074	181 241	350 473	104 705	119 133
1992	116 921	41 581	143 893	127 039	49 114	228 016	139 039	194 906
Farms by inventory:								
1 to 24 ..... farms, 1997	8	17	16	13	10	8	14	11
1992	19	15	39	19	24	18	21	24
number, 1997	130	165	239	90	108	125	194	74
1992	221	153	462	282	277	174	316	250
25 to 49 ..... farms, 1997	6	6	12	6	4	4	3	7
1992	10	4	41	14	12	15	16	19
number, 1997	208	207	425	186	151	144	95	239
1992	327	131	1 382	547	468	565	625	692
50 to 99 ..... farms, 1997	11	5	28	13	6	6	7	14
1992	23	12	49	22	30	42	30	36
number, 1997	769	372	1 755	907	418	490	440	895
1992	1 560	868	3 559	1 515	1 996	2 991	2 311	2 604
100 to 199 ..... farms, 1997	16	6	26	25	5	23	19	29
1992	56	18	58	56	43	50	39	89
number, 1997	2 285	730	3 640	3 438	665	3 237	2 522	4 193
1992	7 872	2 481	7 841	7 275	5 663	6 838	5 498	12 513
200 to 499 ..... farms, 1997	48	13	43	57	5	59	47	73
1992	75	46	136	107	51	128	84	188
number, 1997	15 427	4 271	14 083	17 522	1 451	17 876	15 181	22 717
1992	24 085	14 302	43 866	34 548	14 978	41 339	27 157	59 748
500 to 999 ..... farms, 1997	28	12	34	45	10	58	35	54
1992	53	18	52	67	22	95	59	84
number, 1997	19 294	7 790	22 166	31 313	6 314	40 675	23 812	35 922
1992	37 895	12 043	34 169	43 556	14 977	63 842	38 348	54 796
1,000 or more ..... farms, 1997	34	5	30	13	15	82	27	29
1992	24	7	30	25	9	55	35	44
number, 1997	80 096	8 245	45 015	55 618	172 134	287 926	62 461	55 093
1992	44 961	11 603	52 614	39 316	10 755	112 267	64 784	64 303
Hogs and pigs used or to be used for breeding ..... farms, 1997	74	42	132	105	34	143	114	136
1992	159	91	281	217	139	276	208	307
number, 1997	9 037	2 354	8 986	12 596	20 103	21 671	13 488	11 541
1992	12 055	4 957	17 550	13 465	5 970	24 264	14 622	22 111
1997 farms by inventory:								
1 to 24	16	18	48	24	15	19	30	33
25 to 49	22	6	27	22	4	27	21	30
50 to 99	11	12	30	38	3	36	32	46
100 or more	25	6	27	21	12	61	31	27
Other hogs and pigs ..... farms, 1997	148	57	180	164	54	234	143	210
1992	255	112	387	308	178	387	277	476
number, 1997	109 172	19 426	78 337	96 478	161 138	328 802	91 217	107 592
1992	104 866	36 624	126 343	113 574	43 144	203 752	124 417	172 795
LITTERS								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ..... farms, 1997	77	44	137	110	36	154	123	142
1992	170	93	299	230	150	283	223	321
number, 1997	13 507	3 977	15 806	20 130	36 233	34 608	14 352	18 838
1992	19 992	7 768	29 135	21 506	8 759	41 649	24 590	36 011
Dec. 1 of preceding year and May 31 ..... farms, 1997	74	44	129	104	34	143	118	134
1992	161	92	287	220	145	275	218	318
number, 1997	6 927	2 139	8 132	9 907	18 119	16 891	7 426	9 651
1992	10 358	3 958	14 800	10 906	4 627	21 603	12 752	18 492
June 1 and Nov. 30 ..... farms, 1997	72	38	123	103	30	145	112	133
1992	154	89	251	222	121	265	201	306
number, 1997	6 580	1 838	7 674	10 223	18 114	17 717	6 926	9 187
1992	9 634	3 810	14 335	10 600	4 132	20 046	11 838	17 519
SALES								
Hogs and pigs sold ..... farms, 1997	162	72	207	182	57	256	162	230
1992	286	129	436	333	203	430	308	513
number, 1997	248 666	43 497	174 265	227 321	179 898	589 288	171 920	262 853
1992	241 494	72 032	281 712	218 675	87 603	461 236	252 871	402 092
$1,000, 1997	27 907	4 571	18 971	28 192	18 107	70 483	20 776	28 798
1992	23 212	6 731	25 238	21 612	8 065	42 905	24 806	37 099
1997 farms by number sold:								
1 to 24 ..... farms	3	17	15	6	6	7	7	9
number	56	196	184	63	73	57	106	94
25 to 49 ..... farms	4	7	13	11	3	3	4	6
number	113	235	454	429	94	108	131	204
50 to 99 ..... farms	8	5	19	8	8	3	9	12
number	684	400	1 231	606	628	263	630	843
100 to 199 ..... farms	13	10	20	18	3	17	19	20
number	1 861	1 490	2 792	2 475	395	2 357	2 647	2 818
200 to 499 ..... farms	45	10	49	48	6	38	34	49
number	14 636	3 767	16 691	15 519	1 955	12 973	10 428	15 071
500 to 999 ..... farms	23	8	42	50	12	68	34	67
number	16 140	6 227	30 606	35 689	7 139	47 968	23 524	44 740
1,000 or more ..... farms	66	15	49	41	19	120	55	67
number	215 176	31 182	122 307	172 540	169 614	525 562	134 454	199 083
Feeder pigs sold ..... farms, 1997	21	10	34	18	6	27	17	25
1992	49	22	86	54	52	85	39	68
number, 1997	22 177	11 434	47 075	42 322	75 026	44 273	9 178	45 634
1992	38 330	14 048	68 810	19 351	21 515	78 277	23 172	77 261
$1,000, 1997	1 059	396	2 153	1 468	3 286	1 500	423	2 076
1992	1 561	481	2 515	749	822	3 137	810	2 690
Hogs and pigs other than feeder pigs sold ..... farms, 1997	159	70	196	175	54	252	161	224
1992	283	121	419	327	189	418	301	500
number, 1997	226 489	32 063	127 190	184 999	104 872	545 015	162 742	217 219
1992	203 164	57 984	212 902	199 324	66 088	382 959	229 699	324 831
$1,000, 1997	26 848	4 176	16 818	26 724	14 821	68 983	20 353	26 722
1992	21 650	6 249	22 723	20 863	7 243	39 768	23 996	34 409

Table 15. **Hogs and Pigs—Inventory, Litters, and Sales: 1997 and 1992**—Con.

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

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
INVENTORY								
Hogs and pigs ..... farms, 1997	688	142	165	83	63	82	61	91
1992	972	237	411	191	145	158	142	226
number, 1997	762 294	102 688	103 275	41 037	56 082	43 971	34 941	42 339
1992	601 488	112 381	132 216	65 152	43 233	70 950	54 724	72 833
Farms by inventory:								
1 to 24 ..... farms, 1997	16	10	23	18	11	12	8	15
1992	21	22	44	23	21	26	12	39
number, 1997	177	60	211	201	(D)	127	(D)	104
1992	322	214	463	286	230	292	131	374
25 to 49 ..... farms, 1997	13	5	5	7	2	6	5	4
1992	31	12	32	18	12	14	13	25
number, 1997	502	164	170	260	(D)	215	151	113
1992	1 018	374	1 069	636	453	552	468	904
50 to 99 ..... farms, 1997	29	11	13	12	8	5	3	7
1992	55	20	45	23	18	12	28	29
number, 1997	2 135	796	910	806	524	406	223	473
1992	3 839	1 309	3 054	1 512	1 316	909	1 903	1 949
100 to 199 ..... farms, 1997	56	16	24	14	10	15	2	19
1992	113	30	84	40	20	33	14	34
number, 1997	8 302	2 395	3 464	1 897	1 313	2 160	(D)	2 568
1992	15 775	4 226	11 282	5 999	2 705	4 231	1 776	4 695
200 to 499 ..... farms, 1997	167	33	53	17	8	20	17	20
1992	336	74	120	58	47	44	30	61
number, 1997	52 171	10 769	16 457	4 871	2 481	6 068	6 093	6 148
1992	106 766	23 430	38 847	17 388	15 319	13 333	9 270	18 698
500 to 999 ..... farms, 1997	188	37	27	7	12	15	13	11
1992	278	52	64	19	19	19	37	20
number, 1997	132 930	23 184	19 713	5 070	8 752	10 715	8 069	6 990
1992	188 349	33 588	43 706	11 510	13 386	12 797	25 701	12 692
1,000 or more ..... farms, 1997	219	30	20	8	12	9	13	15
1992	138	27	22	10	8	10	8	18
number, 1997	566 077	65 320	62 350	27 932	42 836	24 280	20 054	25 943
1992	285 419	49 240	33 795	27 821	9 824	38 836	15 475	33 521
Hogs and pigs used or to be used for breeding ..... farms, 1997	310	87	108	55	34	57	33	66
1992	584	160	276	141	95	121	117	171
number, 1997	57 732	8 021	12 345	2 987	12 501	5 417	2 188	4 513
1992	60 988	13 640	16 384	8 095	4 198	9 586	6 177	9 315
1997 farms by inventory:								
1 to 24	43	19	36	23	16	26	11	23
25 to 49	50	18	25	17	4	6	6	13
50 to 99	71	29	30	10	7	18	11	14
100 or more	146	21	17	5	7	7	5	16
Other hogs and pigs ..... farms, 1997	672	139	160	75	62	77	60	88
1992	951	228	391	179	137	150	138	216
number, 1997	704 562	94 667	90 930	38 050	43 581	38 554	32 753	37 826
1992	540 500	98 741	115 832	57 057	39 035	61 364	48 547	63 518
LITTERS								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ..... farms, 1997	332	91	117	62	35	58	36	75
1992	608	165	296	152	105	126	122	181
number, 1997	91 263	11 746	16 927	4 154	23 540	8 690	3 713	7 396
1992	98 809	20 169	27 243	14 152	6 498	15 915	9 727	13 964
Dec. 1 of preceding year and May 31 ..... farms, 1997	318	87	109	55	33	54	33	70
1992	587	156	276	151	98	116	118	171
number, 1997	46 681	5 885	8 678	2 135	11 730	4 506	1 804	3 809
1992	49 918	10 058	13 514	7 441	3 389	8 144	4 962	7 320
June 1 and Nov. 30 ..... farms, 1997	309	86	100	56	33	52	33	62
1992	577	154	263	141	93	109	110	161
number, 1997	44 582	5 861	8 249	2 019	11 810	4 184	1 909	3 587
1992	48 891	10 111	13 729	6 711	3 109	7 771	4 765	6 644
SALES								
Hogs and pigs sold ..... farms, 1997	729	148	184	86	65	84	65	96
1992	1 014	251	427	205	154	172	150	239
number, 1997	1 583 014	186 026	204 069	71 487	106 403	90 203	65 352	68 032
1992	1 180 718	206 763	270 876	110 120	89 296	137 386	84 710	124 678
$1,000, 1997	172 676	22 180	24 048	9 229	7 834	9 338	8 145	7 811
1992	110 971	20 012	23 278	11 002	8 532	10 247	8 717	11 890
1997 farms by number sold:								
1 to 24 ..... farms	15	10	14	8	10	7	9	12
number	141	111	128	106	(D)	79	(D)	166
25 to 49 ..... farms	8	4	15	3	1	5	1	7
number	283	121	548	107	(D)	171	(D)	275
50 to 99 ..... farms	27	3	10	11	6	7	6	5
number	2 063	225	694	739	386	525	372	366
100 to 199 ..... farms	40	15	22	20	9	13	3	15
number	5 960	1 930	3 058	2 686	1 160	1 934	415	1 984
200 to 499 ..... farms	121	27	49	23	7	19	6	28
number	39 688	9 962	15 846	7 617	1 963	5 979	2 169	9 175
500 to 999 ..... farms	152	42	35	7	10	14	15	10
number	104 044	30 537	25 963	4 294	6 251	9 998	9 885	7 093
1,000 or more ..... farms	366	47	39	14	22	19	25	19
number	1 430 835	143 140	157 832	55 938	96 499	71 517	52 359	48 973
Feeder pigs sold ..... farms, 1997	56	12	23	11	2	16	3	14
1992	187	48	74	47	31	49	40	55
number, 1997	175 756	3 087	34 474	1 908	(D)	24 268	1 502	3 029
1992	190 702	24 916	78 862	11 970	9 142	67 453	9 340	18 333
$1,000, 1997	6 305	167	1 159	110	(D)	1 277	77	145
1992	7 383	961	2 922	509	352	2 866	281	607
Hogs and pigs other than feeder pigs sold ..... farms, 1997	715	146	177	84	63	81	64	93
1992	972	243	409	194	148	160	143	226
number, 1997	1 407 258	182 939	169 595	69 579	(D)	65 935	63 850	65 003
1992	990 016	181 847	192 014	98 150	80 154	69 933	75 370	106 345
$1,000, 1997	166 371	22 013	22 888	9 119	(D)	8 062	8 068	7 667
1992	103 588	19 051	20 356	10 493	8 181	7 381	8 436	11 283

Table 15. **Hogs and Pigs—Inventory, Litters, and Sales: 1997 and 1992**—Con.

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

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
INVENTORY								
Hogs and pigs ..... farms, 1997	386	49	130	122	302	190	103	94
1992	561	149	234	193	591	374	206	181
number, 1997	436 353	20 808	149 935	44 371	125 534	103 850	46 325	358 616
1992	344 170	39 010	116 958	79 519	182 524	146 568	72 076	82 232
Farms by inventory:								
1 to 24 ..... farms, 1997	17	15	8	11	33	8	5	7
1992	24	15	25	13	50	32	21	24
number, 1997	187	149	63	139	357	104	72	71
1992	302	176	323	147	668	353	269	284
25 to 49 ..... farms, 1997	5	3	9	7	20	11	7	7
1992	25	26	5	13	35	29	13	6
number, 1997	200	(D)	267	291	741	432	258	300
1992	900	901	194	480	1 180	1 038	485	232
50 to 99 ..... farms, 1997	15	3	12	16	27	16	14	9
1992	37	25	28	19	83	35	18	18
number, 1997	1 146	202	806	1 097	2 034	1 157	1 072	652
1992	2 497	1 771	1 921	1 317	5 620	2 531	1 153	1 363
100 to 199 ..... farms, 1997	42	2	8	13	48	35	14	4
1992	77	23	40	20	108	61	39	29
number, 1997	5 962	(D)	968	1 663	7 247	4 695	1 961	536
1992	11 030	3 232	5 681	2 621	14 871	8 366	5 775	3 985
200 to 499 ..... farms, 1997	85	14	32	48	94	58	29	19
1992	155	44	62	71	196	117	69	51
number, 1997	27 294	4 527	9 975	14 903	29 698	18 984	8 893	5 815
1992	47 768	13 499	19 437	24 233	58 239	38 746	21 936	15 995
500 to 999 ..... farms, 1997	91	8	19	16	43	33	18	25
1992	134	11	46	41	87	68	29	26
number, 1997	61 644	5 329	13 697	10 929	29 034	22 262	12 579	17 956
1992	94 897	(D)	31 039	27 985	58 307	45 410	19 190	17 808
1,000 or more ..... farms, 1997	131	4	42	11	37	29	16	23
1992	109	5	28	16	32	32	17	27
number, 1997	339 920	10 190	124 159	15 349	56 423	56 216	21 490	333 286
1992	186 776	(D)	58 363	22 736	43 639	50 124	23 268	42 565
Hogs and pigs used or to be used for breeding ..... farms, 1997	268	27	69	83	189	137	73	52
1992	461	104	139	147	401	267	141	110
number, 1997	44 537	1 724	9 447	6 361	12 982	11 565	5 728	24 302
1992	47 454	4 791	11 997	9 445	21 527	18 002	8 763	9 574
1997 farms by inventory:								
1 to 24	42	14	11	20	60	40	19	15
25 to 49	56	3	18	25	43	24	18	8
50 to 99	52	7	13	17	42	29	13	6
100 or more	118	3	27	21	44	44	23	23
Other hogs and pigs ..... farms, 1997	379	48	129	112	289	185	101	92
1992	541	143	229	182	569	364	201	176
number, 1997	391 816	19 084	140 488	38 010	112 552	92 285	40 597	334 314
1992	296 716	34 219	104 961	70 074	160 997	128 566	63 313	72 658
LITTERS								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ..... farms, 1997	272	31	71	85	201	148	77	57
1992	476	111	153	152	421	290	150	115
number, 1997	75 322	2 830	16 705	9 523	21 729	17 943	8 976	46 004
1992	81 558	7 853	21 084	14 580	33 067	27 805	12 274	14 195
Dec. 1 of preceding year and May 31 ..... farms, 1997	267	28	69	79	184	142	75	52
1992	468	103	146	149	401	277	140	107
number, 1997	37 561	1 412	8 480	4 763	10 917	9 202	4 590	22 919
1992	41 374	4 119	10 814	7 523	17 130	14 770	6 075	7 141
June 1 and Nov. 30 ..... farms, 1997	259	23	66	75	186	142	75	55
1992	448	103	140	144	383	260	129	101
number, 1997	37 761	1 418	8 225	4 760	10 812	8 741	4 386	23 085
1992	40 184	3 734	10 270	7 057	15 937	13 035	6 199	7 054
SALES								
Hogs and pigs sold ..... farms, 1997	395	50	146	133	321	205	111	101
1992	580	163	258	205	635	391	220	198
number, 1997	859 017	34 908	267 770	100 461	241 169	202 105	83 705	487 107
1992	709 307	78 475	237 054	133 178	351 038	257 732	127 767	159 387
$1,000, 1997	86 359	3 679	27 265	10 134	27 754	20 502	9 499	67 360
1992	62 134	6 715	22 794	11 921	32 797	23 297	12 759	13 321
1997 farms by number sold:								
1 to 24 ..... farms	17	8	12	8	23	4	5	4
number	165	97	143	119	211	51	64	28
25 to 49 ..... farms	3	3	5	7	19	13	6	6
number	120	90	183	250	708	481	203	231
50 to 99 ..... farms	19	4	7	9	25	15	10	9
number	1 375	271	431	667	1 752	947	786	573
100 to 199 ..... farms	17	10	15	14	32	24	13	6
number	2 473	1 445	2 033	1 985	4 465	3 213	1 852	862
200 to 499 ..... farms	69	7	22	30	82	47	27	17
number	23 778	2 540	7 108	10 389	25 046	14 939	8 405	5 778
500 to 999 ..... farms	65	8	26	39	62	40	17	14
number	45 540	4 812	17 131	27 627	42 768	28 646	12 102	11 100
1,000 or more ..... farms	205	10	59	26	78	62	33	45
number	785 566	25 653	240 741	59 424	166 219	153 828	60 293	468 535
Feeder pigs sold ..... farms, 1997	69	8	14	22	42	38	11	10
1992	159	40	51	56	122	92	32	36
number, 1997	212 748	3 214	64 904	26 486	28 723	35 454	10 950	(D)
1992	202 469	20 106	46 932	26 892	52 109	55 569	11 938	47 979
$1,000, 1997	7 718	148	1 226	1 173	1 302	1 906	466	955
1992	8 099	683	1 866	989	1 944	2 223	462	1 802
Hogs and pigs other than feeder pigs sold ..... farms, 1997	376	47	143	127	313	199	111	100
1992	550	155	247	197	604	373	217	192
number, 1997	646 269	31 694	202 866	73 975	212 446	166 651	72 755	(D)
1992	506 838	58 369	190 122	106 286	298 929	202 163	115 829	111 408
$1,000, 1997	78 641	3 532	26 039	8 961	26 452	18 597	9 033	66 405
1992	54 035	6 032	20 929	10 932	30 853	21 074	12 297	11 519

Table 16. **Poultry—Inventory and Sales: 1997 and 1992**

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

Item		Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
INVENTORY								
Any poultry	farms, 1997	2 655	21	15	10	36	14	35
	1992	3 390	37	27	29	24	15	44
Layers and pullets 13 weeks old and older (see text)	farms, 1997	1 892	16	12	7	25	10	27
	1992	2 633	30	23	21	21	12	34
	number, 1997	24 876 834	(D)	2 057	(D)	455	(D)	(D)
	1992	12 560 235	1 011	1 420	(D)	525	(D)	384 501
Layers 20 weeks old and older	farms, 1997	1 831	16	12	7	25	10	25
	1992	2 590	30	23	21	21	12	33
	number, 1997	21 509 521	(D)	2 057	413	410	(D)	(D)
	1992	11 162 662	958	1 420	2 752	443	(D)	383 884
1997 farms by inventory:								
1 to 49		1 318	13	7	6	24	5	22
50 to 99		195	–	–	–	1	2	1
100 to 399		163	2	2	1	–	–	1
400 to 3,199		29	–	3	–	–	1	–
3,200 to 9,999		28	–	–	–	–	–	–
10,000 to 19,999		20	–	–	–	–	–	–
20,000 to 49,999		21	–	–	–	–	2	–
50,000 to 99,999		16	–	–	–	–	–	–
100,000 or more		41	1	–	–	–	–	1
Pullets 13 weeks old and older but less than 20 weeks old	farms, 1997	306	4	–	1	3	1	4
	1992	331	5	–	2	9	–	7
	number, 1997	3 367 313	(D)	–	(D)	45	(D)	119
	1992	1 397 573	53	–	(D)	82	–	617
Pullet chicks and pullets less than 13 weeks old	farms, 1997	83	2	–	–	1	–	2
	1992	86	1	–	2	–	–	2
	number, 1997	3 448 706	(D)	–	–	(D)	–	(D)
	1992	1 557 925	(D)	–	(D)	–	–	(D)
Broilers and other meat-type chickens	farms, 1997	628	7	3	5	4	3	9
	1992	734	11	8	8	4	4	15
	number, 1997	1 017 224	285	(D)	(D)	533	124	586
	1992	1 749 205	1 482	(D)	(D)	63	275	1 786
Turkeys	farms, 1997	344	–	–	2	–	2	4
	1992	499	2	2	7	6	2	5
	number, 1997	2 552 624	–	–	(D)	–	(D)	33
	1992	3 138 512	(D)	(D)	(D)	30	(D)	22
Turkey hens kept for breeding	farms, 1997	132	–	–	–	–	–	2
	1992	217	1	2	1	4	1	2
	number, 1997	25 726	–	–	–	–	–	(D)
	1992	53 086	(D)	(D)	(D)	13	(D)	(D)
Ducks, geese, and other poultry	farms, 1997	739	3	–	1	12	2	6
	1992	763	5	–	2	8	3	8
SALES								
Any poultry sold	farms, 1997	1 598	12	9	7	17	14	26
	1992	2 056	12	15	12	3	12	31
	$1,000, 1997	414 429	(D)	1 041	60	3	(D)	(D)
	1992	244 160	9	2 170	2 048	(D)	(D)	4 094
Layers, pullets, and pullet chicks sold (see text)	farms, 1997	308	4	–	–	1	4	7
	1992	512	1	4	2	2	3	8
	number, 1997	18 534 679	(D)	–	–	(D)	(D)	(D)
	1992	11 296 537	(D)	96	(D)	(D)	(D)	98 773
Layers 20 weeks old and older sold	farms, 1997	269	4	–	–	–	4	7
	1992	456	1	4	2	2	3	8
	number, 1997	11 037 013	(D)	–	–	–	(D)	(D)
	1992	6 938 488	(D)	96	(D)	(D)	(D)	98 773
Pullet chicks and pullets less than 20 weeks old sold	farms, 1997	56	–	–	–	1	–	–
	1992	75	–	–	–	–	–	–
	number, 1997	7 497 666	–	–	–	(D)	–	–
	1992	4 358 049	–	–	–	–	–	–
Broilers and other meat-type chickens sold	farms, 1997	519	9	3	4	2	6	15
	1992	652	6	3	5	–	4	10
	number, 1997	6 852 810	2 085	610 000	(D)	(D)	1 406	8 173
	1992	9 199 943	2 120	1 107 000	(D)	–	(D)	5 318
1997 farms by number sold:								
1 to 1,999		466	9	–	2	2	6	13
2,000 to 59,999		24	–	–	2	–	–	2
60,000 to 99,999		6	–	–	–	–	–	–
100,000 to 199,999		9	–	1	–	–	–	–
200,000 to 499,999		13	–	2	–	–	–	–
500,000 or more		1	–	–	–	–	–	–
Turkeys sold	farms, 1997	206	–	–	–	1	–	8
	1992	270	–	–	3	–	1	4
	number, 1997	7 279 601	–	–	–	(D)	–	305
	1992	9 362 945	–	–	(D)	–	(D)	46
Turkeys for slaughter sold	farms, 1997	193	–	–	–	–	–	8
	1992	251	–	–	3	–	1	2
	number, 1997	7 249 635	–	–	–	–	–	305
	1992	9 308 927	–	–	(D)	–	(D)	(D)
Ducks, geese, and other poultry sold	farms, 1997	226	1	–	–	4	3	2
	1992	182	–	–	1	1	2	2

Table 16. **Poultry—Inventory and Sales: 1997 and 1992**—Con.

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

Item		Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
INVENTORY								
Any poultry	farms, 1997	33	22	41	56	31	37	27
	1992	49	39	44	66	39	46	21
Layers and pullets 13 weeks old and older (see text)	farms, 1997	19	16	24	46	12	30	13
	1992	34	33	28	54	14	36	14
	number, 1997	43 711	(D)	(D)	(D)	440 449	(D)	420
	1992	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Layers 20 weeks old and older	farms, 1997	18	15	24	43	11	30	13
	1992	32	32	28	54	14	36	14
	number, 1997	(D)	(D)	(D)	(D)	(D)	(D)	340
	1992	10 847	217 087	(D)	99 883	(D)	(D)	(D)
1997 farms by inventory:								
1 to 49		14	11	17	29	7	18	12
50 to 99		–	–	4	6	2	7	–
100 to 399		2	1	2	6	–	3	1
400 to 3,199		–	2	–	1	–	–	–
3,200 to 9,999		1	–	–	–	–	–	–
10,000 to 19,999		–	–	1	–	–	1	–
20,000 to 49,999		1	–	–	–	–	–	–
50,000 to 99,999		–	–	–	1	1	–	–
100,000 or more		–	1	–	–	1	1	–
Pullets 13 weeks old and older but less than 20 weeks old	farms, 1997	5	4	2	9	4	1	3
	1992	9	5	2	8	3	5	–
	number, 1997	(D)	(D)	(D)	9 239	(D)	(D)	80
	1992	(D)	(D)	(D)	(D)	86	49	–
Pullet chicks and pullets less than 13 weeks old	farms, 1997	4	2	1	2	3	1	–
	1992	2	3	–	1	6	2	1
	number, 1997	(D)	(D)	(D)	(D)	387 200	(D)	–
	1992	(D)	(D)	–	(D)	166 048	(D)	(D)
Broilers and other meat-type chickens	farms, 1997	4	6	12	16	8	5	10
	1992	14	8	14	23	2	6	8
	number, 1997	218	508	1 435	39 013	853	(D)	3 048
	1992	4 034	591	762	3 425	(D)	(D)	1 852
Turkeys	farms, 1997	3	1	6	1	12	3	5
	1992	9	4	11	8	15	8	6
	number, 1997	(D)	(D)	(D)	(D)	652 179	(D)	(D)
	1992	(D)	27	(D)	52	896 245	62 028	(D)
Turkey hens kept for breeding	farms, 1997	2	–	4	1	1	1	–
	1992	5	4	8	–	–	4	1
	number, 1997	(D)	–	7	(D)	(D)	(D)	–
	1992	(D)	(D)	16	–	–	17	(D)
Ducks, geese, and other poultry	farms, 1997	16	6	18	11	7	10	6
	1992	18	12	17	10	13	12	7
SALES								
Any poultry sold	farms, 1997	29	15	26	35	30	28	13
	1992	40	22	25	37	30	40	9
	$1,000, 1997	3 551	(D)	(D)	900	25 794	2 393	1 892
	1992	4 923	2 575	(D)	1 095	22 852	2 411	(D)
Layers, pullets, and pullet chicks sold (see text)	farms, 1997	7	1	1	7	5	5	1
	1992	7	7	4	13	6	6	3
	number, 1997	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	1992	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Layers 20 weeks old and older sold	farms, 1997	3	1	1	5	2	5	1
	1992	4	7	4	12	3	6	3
	number, 1997	(D)	(D)	(D)	(D)	(D)	(D)	(D)
	1992	(D)	149 696	(D)	88 184	(D)	(D)	(D)
Pullet chicks and pullets less than 20 weeks old sold	farms, 1997	4	–	–	3	3	–	–
	1992	3	1	–	1	3	–	–
	number, 1997	531 500	–	–	(D)	907 200	–	–
	1992	340 000	(D)	–	(D)	298 000	–	–
Broilers and other meat-type chickens sold	farms, 1997	7	7	9	15	7	9	5
	1992	19	5	7	14	5	12	3
	number, 1997	2 151	1 353	1 521	118 225	665	10 123	2 115
	1992	12 180	750	1 985	9 108	1 457	2 752	1 394
1997 farms by number sold:								
1 to 1,999		7	7	9	10	7	8	5
2,000 to 59,999		–	–	–	4	–	1	–
60,000 to 99,999		–	–	–	1	–	–	–
100,000 to 199,999		–	–	–	–	–	–	–
200,000 to 499,999		–	–	–	–	–	–	–
500,000 or more		–	–	–	–	–	–	–
Turkeys sold	farms, 1997	3	1	1	2	13	6	3
	1992	5	3	4	1	15	10	2
	number, 1997	(D)	(D)	(D)	(D)	1 633 552	48 799	148 000
	1992	374 017	(D)	(D)	(D)	1 950 681	157 802	(D)
Turkeys for slaughter sold	farms, 1997	3	1	1	2	13	6	3
	1992	5	2	4	1	15	10	2
	number, 1997	(D)	(D)	(D)	(D)	1 633 552	48 799	148 000
	1992	(D)	(D)	(D)	(D)	1 950 681	157 802	(D)
Ducks, geese, and other poultry sold	farms, 1997	9	2	6	6	2	4	1
	1992	3	4	9	2	2	2	–

Table 16. **Poultry—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
INVENTORY							
Any poultry ..... farms, 1997	18	19	22	16	10	22	20
1992	31	20	38	22	22	32	38
Layers and pullets 13 weeks old and older (see text) ..... farms, 1997	13	12	17	12	6	18	17
1992	26	17	35	19	19	28	36
number, 1997	(D)	(D)	536	35 664	873	(D)	(D)
1992	2 550	(D)	(D)	(D)	1 462	(D)	(D)
Layers 20 weeks old and older ..... farms, 1997	13	11	15	12	6	18	17
1992	26	17	35	19	19	27	36
number, 1997	600	(D)	405	35 664	(D)	782	1 146
1992	2 550	(D)	1 624	60 573	1 462	44 389	1 681
1997 farms by inventory:							
1 to 49	9	6	12	8	4	13	14
50 to 99	2	4	3	1	–	2	–
100 to 399	2	–	–	–	1	3	3
400 to 3,199	–	–	–	–	1	–	–
3,200 to 9,999	–	–	–	2	–	–	–
10,000 to 19,999	–	–	–	1	–	–	–
20,000 to 49,999	–	–	–	–	–	–	–
50,000 to 99,999	–	–	–	–	–	–	–
100,000 or more	–	1	–	–	–	–	–
Pullets 13 weeks old and older but less than 20 weeks old ..... farms, 1997	1	3	4	–	1	1	2
1992	–	5	1	1	–	3	7
number, 1997	(D)	(D)	131	–	(D)	(D)	(D)
1992	–	(D)	(D)	(D)	–	(D)	(D)
Pullet chicks and pullets less than 13 weeks old ..... farms, 1997	–	–	–	–	–	–	–
1992	–	1	–	–	1	–	–
number, 1997	–	–	–	–	–	–	–
1992	–	(D)	–	–	(D)	–	–
Broilers and other meat-type chickens ..... farms, 1997	7	8	8	3	2	5	1
1992	5	4	9	3	2	8	7
number, 1997	266	(D)	426	40	(D)	420	(D)
1992	343	(D)	871	(D)	(D)	523	134
Turkeys ..... farms, 1997	3	4	2	3	1	2	1
1992	2	1	5	1	2	8	7
number, 1997	10	(D)	(D)	8	(D)	(D)	(D)
1992	(D)	(D)	28	(D)	(D)	88	28
Turkey hens kept for breeding ..... farms, 1997	1	2	1	1	–	2	1
1992	1	1	–	–	1	3	7
number, 1997	(D)	(D)	(D)	(D)	–	(D)	(D)
1992	(D)	(D)	–	–	(D)	7	(D)
Ducks, geese, and other poultry ..... farms, 1997	7	6	10	6	1	4	9
1992	5	4	7	2	3	6	11
SALES							
Any poultry sold ..... farms, 1997	13	7	12	9	9	16	11
1992	28	10	19	16	13	24	14
$1,000, 1997	9	(D)	12	2 987	(D)	(D)	11
1992	100	(D)	19	2 239	(D)	416	12
Layers, pullets, and pullet chicks sold (see text) ..... farms, 1997	1	1	–	3	–	3	2
1992	8	2	2	7	2	8	5
number, 1997	(D)	(D)	–	31 950	–	74	(D)
1992	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Layers 20 weeks old and older sold ..... farms, 1997	1	–	–	3	–	3	2
1992	8	2	2	6	2	7	2
number, 1997	(D)	–	–	31 950	–	74	(D)
1992	1 132	(D)	(D)	55 724	(D)	38 555	(D)
Pullet chicks and pullets less than 20 weeks old sold ..... farms, 1997	–	1	–	–	–	–	–
1992	2	–	–	1	–	1	3
number, 1997	–	(D)	–	–	–	–	–
1992	(D)	–	–	(D)	–	(D)	48
Broilers and other meat-type chickens sold ..... farms, 1997	7	3	6	2	4	7	1
1992	7	5	7	4	4	8	–
number, 1997	2 625	(D)	891	(D)	1 850	(D)	(D)
1992	1 265	(D)	3 042	550	(D)	1 473	–
1997 farms by number sold:							
1 to 1,999	7	2	6	2	4	6	1
2,000 to 59,999	–	–	–	–	–	–	–
60,000 to 99,999	–	1	–	–	–	1	–
100,000 to 199,999	–	–	–	–	–	–	–
200,000 to 499,999	–	–	–	–	–	–	–
500,000 or more	–	–	–	–	–	–	–
Turkeys sold ..... farms, 1997	3	–	4	–	1	1	–
1992	–	–	–	–	3	2	1
number, 1997	35	–	(D)	–	(D)	(D)	–
1992	–	–	–	–	(D)	(D)	(D)
Turkeys for slaughter sold ..... farms, 1997	3	–	4	–	1	1	–
1992	–	–	–	–	2	2	–
number, 1997	35	–	(D)	–	(D)	(D)	–
1992	–	–	–	–	(D)	(D)	–
Ducks, geese, and other poultry sold ..... farms, 1997	–	–	5	2	–	–	2
1992	1	–	–	1	1	–	1

Table 16. **Poultry—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
INVENTORY							
Any poultry ..... farms, 1997	15	47	37	33	36	49	30
1992	22	46	58	50	32	60	37
Layers and pullets 13 weeks old and older (see text) ..... farms, 1997	9	40	23	25	26	45	20
1992	13	33	42	41	20	54	30
number, 1997	550 824	(D)	(D)	(D)	(D)	11 834	(D)
1992	(D)	(D)	2 312	19 535	(D)	54 294	715
Layers 20 weeks old and older ..... farms, 1997	7	39	23	23	26	43	19
1992	12	33	41	41	20	54	30
number, 1997	(D)	449 504	991	(D)	213 237	11 442	375
1992	159 285	(D)	2 299	19 399	138 161	54 193	662
1997 farms by inventory:							
1 to 49	4	31	19	18	14	38	18
50 to 99	–	2	3	3	2	1	1
100 to 399	1	2	–	1	1	3	–
400 to 3,199	–	–	1	–	–	–	–
3,200 to 9,999	–	–	–	–	6	–	–
10,000 to 19,999	–	–	–	1	1	1	–
20,000 to 49,999	–	1	–	–	1	–	–
50,000 to 99,999	2	2	–	–	–	–	–
100,000 or more	–	1	–	–	1	–	–
Pullets 13 weeks old and older but less than 20 weeks old ..... farms, 1997	2	3	2	3	3	6	2
1992	3	2	3	4	1	5	5
number, 1997	(D)	(D)	(D)	92	(D)	392	(D)
1992	(D)	(D)	13	136	(D)	101	53
Pullet chicks and pullets less than 13 weeks old ..... farms, 1997	2	2	–	1	4	–	–
1992	2	2	1	–	2	–	–
number, 1997	(D)	(D)	–	(D)	58 731	–	–
1992	(D)	(D)	(D)	–	(D)	–	–
Broilers and other meat-type chickens ..... farms, 1997	6	5	10	12	4	8	10
1992	8	5	14	11	11	6	9
number, 1997	381	219	570	765	260	413	809
1992	(D)	1 142	581	667	(D)	383	676
Turkeys ..... farms, 1997	1	5	6	3	4	4	4
1992	5	5	11	5	4	3	4
number, 1997	(D)	(D)	161	25	(D)	18	24
1992	148	(D)	(D)	17	110	(D)	13
Turkey hens kept for breeding ..... farms, 1997	1	1	2	3	1	1	1
1992	4	1	4	4	1	3	3
number, 1997	(D)	(D)	(D)	25	(D)	(D)	(D)
1992	8	(D)	(D)	(D)	(D)	(D)	(D)
Ducks, geese, and other poultry ..... farms, 1997	6	10	16	8	10	5	6
1992	9	10	18	11	6	5	9
SALES							
Any poultry sold ..... farms, 1997	14	26	23	15	24	20	13
1992	26	23	33	26	23	23	12
$1,000, 1997	16 649	11 269	(D)	(D)	(D)	125	15
1992	11 031	2 484	64	131	(D)	509	22
Layers, pullets, and pullet chicks sold (see text) ..... farms, 1997	4	8	2	2	13	7	3
1992	6	8	6	2	6	12	1
number, 1997	1 731 985	(D)	(D)	(D)	(D)	4 707	(D)
1992	(D)	247 119	(D)	(D)	(D)	48 168	(D)
Layers 20 weeks old and older sold ..... farms, 1997	2	6	2	2	11	4	2
1992	5	7	5	2	5	12	1
number, 1997	(D)	187 326	(D)	(D)	94 116	(D)	(D)
1992	123 396	(D)	907	(D)	52 787	48 168	(D)
Pullet chicks and pullets less than 20 weeks old sold ..... farms, 1997	2	2	–	–	2	3	1
1992	2	1	1	–	1	–	–
number, 1997	(D)	(D)	–	–	(D)	(D)	(D)
1992	(D)	(D)	(D)	–	(D)	–	–
Broilers and other meat-type chickens sold ..... farms, 1997	7	6	5	8	4	1	3
1992	14	5	15	6	14	4	3
number, 1997	2 351	1 800	297	1 177	921	(D)	250
1992	(D)	3 205	1 707	352	(D)	204	740
1997 farms by number sold:							
1 to 1,999	7	6	5	8	4	1	3
2,000 to 59,999	–	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–
100,000 to 199,999	–	–	–	–	–	–	–
200,000 to 499,999	–	–	–	–	–	–	–
500,000 or more	–	–	–	–	–	–	–
Turkeys sold ..... farms, 1997	–	2	3	2	–	1	–
1992	3	2	10	1	1	–	–
number, 1997	–	(D)	69	(D)	–	(D)	–
1992	(D)	(D)	(D)	(D)	(D)	–	–
Turkeys for slaughter sold ..... farms, 1997	–	2	3	1	–	–	–
1992	3	2	10	–	1	–	–
number, 1997	–	(D)	69	(D)	–	–	–
1992	(D)	(D)	(D)	–	(D)	–	–
Ducks, geese, and other poultry sold ..... farms, 1997	2	–	3	3	3	1	3
1992	7	2	11	3	1	–	3

Table 16. **Poultry—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
INVENTORY								
Any poultry ..... farms, 1997	31	17	8	32	10	29	13	24
1992	41	19	14	43	21	51	32	25
Layers and pullets 13 weeks old and older (see text) ..... farms, 1997	25	11	4	22	6	20	6	22
1992	34	13	10	31	15	39	21	20
number, 1997	(D)	(D)	84	1 337	(D)	(D)	(D)	(D)
1992	5 167	(D)	(D)	(D)	(D)	(D)	967	(D)
Layers 20 weeks old and older ..... farms, 1997	25	10	4	22	6	20	6	20
1992	34	13	10	30	15	37	21	18
number, 1997	(D)	309	84	1 337	(D)	(D)	(D)	(D)
1992	5 027	322	(D)	3 629	(D)	(D)	877	389 596
1997 farms by inventory:								
1 to 49	15	7	4	12	2	16	3	14
50 to 99	2	3	–	6	2	2	2	1
100 to 399	5	–	–	4	1	1	–	–
400 to 3,199	1	–	–	–	–	–	1	–
3,200 to 9,999	1	–	–	–	–	–	–	2
10,000 to 19,999	–	–	–	–	–	–	–	2
20,000 to 49,999	1	–	–	–	–	–	–	–
50,000 to 99,999	–	–	–	–	–	1	–	–
100,000 or more	–	–	–	–	1	–	–	1
Pullets 13 weeks old and older but less than 20 weeks old ..... farms, 1997	3	2	–	–	1	4	1	4
1992	5	1	2	7	3	3	3	2
number, 1997	56	(D)	–	–	(D)	(D)	(D)	(D)
1992	140	(D)	(D)	(D)	50	(D)	90	(D)
Pullet chicks and pullets less than 13 weeks old ..... farms, 1997	–	–	–	–	–	1	1	2
1992	–	–	2	–	–	4	–	–
number, 1997	–	–	–	–	–	(D)	(D)	(D)
1992	–	–	(D)	–	–	(D)	–	–
Broilers and other meat-type chickens ..... farms, 1997	5	6	–	8	3	8	5	5
1992	16	3	1	11	6	11	11	5
number, 1997	258	245	–	713	(D)	339	485	770
1992	2 090	100	(D)	1 120	1 020	635	1 463	326
Turkeys ..... farms, 1997	3	1	1	5	–	6	2	6
1992	7	1	3	4	3	9	1	1
number, 1997	22	(D)	(D)	30	–	(D)	(D)	33
1992	120	(D)	6	23	6	77	(D)	(D)
Turkey hens kept for breeding ..... farms, 1997	2	1	1	2	–	1	1	4
1992	1	1	1	1	3	3	1	–
number, 1997	(D)	(D)	(D)	(D)	–	(D)	(D)	12
1992	(D)	(D)	(D)	(D)	6	19	(D)	–
Ducks, geese, and other poultry ..... farms, 1997	8	5	5	6	5	8	4	10
1992	8	9	7	8	9	11	8	3
SALES								
Any poultry sold ..... farms, 1997	15	10	5	22	10	16	14	16
1992	23	6	10	28	15	27	16	20
$1,000, 1997	(D)	4	6	171	(D)	(D)	(D)	(D)
1992	150	2	2 141	(D)	89	1 557	(D)	3 894
Layers, pullets, and pullet chicks sold (see text) ..... farms, 1997	4	2	–	3	4	2	1	8
1992	6	1	3	4	5	11	3	11
number, 1997	(D)	(D)	–	(D)	(D)	(D)	(D)	(D)
1992	(D)	(D)	230 283	(D)	(D)	(D)	61	456 794
Layers 20 weeks old and older sold ..... farms, 1997	4	2	–	3	3	1	1	7
1992	6	1	2	3	5	9	2	8
number, 1997	(D)	(D)	–	(D)	(D)	(D)	(D)	(D)
1992	(D)	(D)	(D)	(D)	(D)	(D)	(D)	278 794
Pullet chicks and pullets less than 20 weeks old sold ..... farms, 1997	–	–	–	–	4	2	–	1
1992	–	–	2	1	–	2	1	3
number, 1997	–	–	–	–	(D)	(D)	–	(D)
1992	–	–	(D)	(D)	–	(D)	(D)	178 000
Broilers and other meat-type chickens sold ..... farms, 1997	4	3	1	5	5	3	8	5
1992	7	–	2	8	7	9	7	6
number, 1997	265	200	(D)	687	1 240	215	(D)	937
1992	2 140	–	(D)	605	2 155	2 255	(D)	580
1997 farms by number sold:								
1 to 1,999	4	3	1	5	5	3	7	5
2,000 to 59,999	–	–	–	–	–	–	1	–
60,000 to 99,999	–	–	–	–	–	–	–	–
100,000 to 199,999	–	–	–	–	–	–	–	–
200,000 to 499,999	–	–	–	–	–	–	–	–
500,000 or more	–	–	–	–	–	–	–	–
Turkeys sold ..... farms, 1997	1	–	–	4	–	3	1	–
1992	–	–	2	3	2	2	2	–
number, 1997	(D)	–	–	25	–	(D)	(D)	–
1992	–	–	(D)	52	(D)	(D)	(D)	–
Turkeys for slaughter sold ..... farms, 1997	1	–	–	4	–	3	1	–
1992	–	–	2	3	–	2	2	–
number, 1997	(D)	–	–	25	–	(D)	(D)	–
1992	–	–	(D)	52	–	(D)	(D)	–
Ducks, geese, and other poultry sold ..... farms, 1997	2	4	3	5	4	3	2	2
1992	1	1	1	4	4	1	1	1

Table 16. **Poultry—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
INVENTORY								
Any poultry ..... farms, 1997	7	18	26	20	33	21	22	18
1992	11	23	31	26	38	21	28	33
Layers and pullets 13 weeks old and older (see text) ..... farms, 1997	5	13	14	18	15	14	15	12
1992	11	14	23	22	19	18	23	24
number, 1997	(D)	908	(D)	(D)	(D)	(D)	(D)	754
1992	(D)	(D)	(D)	(D)	(D)	(D)	1 241 945	(D)
Layers 20 weeks old and older ..... farms, 1997	5	13	14	18	13	14	14	12
1992	11	13	23	22	17	18	23	24
number, 1997	123	908	163 891	(D)	12 356	(D)	(D)	596
1992	368	1 252	28 285	(D)	8 875	(D)	1 241 915	1 066
1997 farms by inventory:								
1 to 49	4	10	6	12	10	11	8	8
50 to 99	1	–	1	2	–	–	1	2
100 to 399	–	2	4	3	–	1	1	2
400 to 3,199	–	1	–	–	2	1	–	–
3,200 to 9,999	–	–	–	–	1	–	–	–
10,000 to 19,999	–	–	2	–	–	–	1	–
20,000 to 49,999	–	–	–	–	–	–	1	–
50,000 to 99,999	–	–	–	–	–	–	–	–
100,000 or more	–	–	1	1	–	1	2	–
Pullets 13 weeks old and older but less than 20 weeks old ..... farms, 1997	1	–	2	4	2	1	2	3
1992	2	4	2	2	2	3	3	3
number, 1997	(D)	–	(D)	50	(D)	(D)	(D)	158
1992	(D)	(D)	(D)	(D)	(D)	(D)	30	(D)
Pullet chicks and pullets less than 13 weeks old ..... farms, 1997	1	–	–	2	–	–	–	–
1992	–	–	–	–	–	1	–	–
number, 1997	(D)	–	–	(D)	–	–	–	–
1992	–	–	–	–	–	(D)	–	–
Broilers and other meat-type chickens ..... farms, 1997	1	12	5	6	6	3	6	4
1992	–	5	6	10	1	6	4	9
number, 1997	(D)	2 709	1 500	602	229	460	315	435
1992	–	(D)	377	683	(D)	259	1 090	1 211
Turkeys ..... farms, 1997	1	5	5	1	12	4	1	–
1992	–	2	1	3	18	4	10	8
number, 1997	(D)	19	(D)	(D)	655 000	55	(D)	–
1992	–	(D)	(D)	17	646 764	13	(D)	93
Turkey hens kept for breeding ..... farms, 1997	–	4	3	–	–	1	–	–
1992	–	1	1	1	2	2	3	3
number, 1997	–	(D)	(D)	–	–	(D)	–	–
1992	–	(D)	(D)	(D)	(D)	(D)	11	(D)
Ducks, geese, and other poultry ..... farms, 1997	2	7	7	3	4	10	5	5
1992	4	9	6	9	4	7	7	8
SALES								
Any poultry sold ..... farms, 1997	3	10	20	8	31	11	13	8
1992	5	14	27	15	40	15	23	15
$1,000, 1997	1	13	1 965	(D)	19 677	(D)	15 087	9
1992	1	10	1 724	(D)	23 830	(D)	16 862	11
Layers, pullets, and pullet chicks sold (see text) ..... farms, 1997	–	–	6	4	4	2	4	2
1992	–	5	3	5	8	4	7	5
number, 1997	–	–	146 838	(D)	(D)	(D)	121 026	(D)
1992	–	(D)	(D)	(D)	(D)	(D)	654 486	492
Layers 20 weeks old and older sold ..... farms, 1997	–	–	6	4	4	2	4	2
1992	–	5	3	5	7	4	7	5
number, 1997	–	–	146 838	(D)	(D)	(D)	121 026	(D)
1992	–	1 752	(D)	(D)	5 375	(D)	654 486	492
Pullet chicks and pullets less than 20 weeks old sold ..... farms, 1997	–	–	–	–	–	–	–	–
1992	–	1	–	–	2	1	–	–
number, 1997	–	–	–	–	–	–	–	–
1992	–	(D)	–	–	(D)	(D)	–	–
Broilers and other meat-type chickens sold ..... farms, 1997	1	8	7	2	2	2	5	5
1992	2	4	8	7	7	9	7	7
number, 1997	(D)	1 168	2 715	(D)	(D)	(D)	755	(D)
1992	(D)	(D)	2 955	2 499	1 398	920	6 185	1 272
1997 farms by number sold:								
1 to 1,999	1	8	7	2	2	2	5	4
2,000 to 59,999	–	–	–	–	–	–	–	1
60,000 to 99,999	–	–	–	–	–	–	–	–
100,000 to 199,999	–	–	–	–	–	–	–	–
200,000 to 499,999	–	–	–	–	–	–	–	–
500,000 or more	–	–	–	–	–	–	–	–
Turkeys sold ..... farms, 1997	–	–	2	1	16	2	1	–
1992	–	–	1	3	23	–	3	1
number, 1997	–	–	(D)	(D)	1 735 990	(D)	(D)	–
1992	–	–	(D)	32	2 218 387	–	(D)	(D)
Turkeys for slaughter sold ..... farms, 1997	–	–	1	–	16	2	1	–
1992	–	–	1	3	23	–	3	1
number, 1997	–	–	(D)	–	1 735 990	(D)	(D)	–
1992	–	–	(D)	32	2 218 387	–	(D)	(D)
Ducks, geese, and other poultry sold ..... farms, 1997	–	–	5	2	2	2	–	1
1992	1	4	4	3	–	1	4	2

Table 16. **Poultry—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
INVENTORY								
Any poultry ..... farms, 1997	27	39	16	19	22	39	39	18
1992	36	29	21	20	23	50	45	25
Layers and pullets 13 weeks old and older (see text) ..... farms, 1997	11	31	11	15	12	25	27	16
1992	20	24	17	19	17	45	42	22
number, 1997	360	1 492	133 062	1 857	883	(D)	(D)	922
1992	(D)	4 297	(D)	(D)	(D)	(D)	(D)	(D)
Layers 20 weeks old and older ..... farms, 1997	11	29	11	15	12	25	25	14
1992	20	24	17	19	17	43	40	22
number, 1997	312	1 382	133 062	1 201	813	(D)	(D)	780
1992	(D)	4 117	71 651	829	900	7 470	15 235	2 261
1997 farms by inventory:								
1 to 49	8	25	2	8	10	18	21	11
50 to 99	3	2	1	2	–	1	2	2
100 to 399	–	1	2	5	1	4	1	–
400 to 3,199	–	1	2	–	1	–	–	1
3,200 to 9,999	–	–	1	–	–	–	1	–
10,000 to 19,999	–	–	2	–	–	1	–	–
20,000 to 49,999	–	–	–	–	–	–	–	–
50,000 to 99,999	–	–	1	–	–	–	–	–
100,000 or more	–	–	–	–	–	1	–	–
Pullets 13 weeks old and older but less than 20 weeks old ..... farms, 1997	3	6	–	7	3	3	6	6
1992	4	4	2	1	1	7	4	3
number, 1997	48	110	–	656	70	(D)	350	142
1992	89	180	(D)	(D)	(D)	(D)	(D)	(D)
Pullet chicks and pullets less than 13 weeks old ..... farms, 1997	2	1	–	–	3	–	1	2
1992	2	–	–	–	1	2	–	–
number, 1997	(D)	(D)	–	–	(D)	–	(D)	(D)
1992	(D)	–	–	–	(D)	(D)	–	–
Broilers and other meat-type chickens ..... farms, 1997	5	16	4	6	6	11	5	5
1992	8	7	4	7	7	10	10	2
number, 1997	350	764	(D)	1 495	1 254	597	234	162
1992	426	486	1 625	444	314	1 283	1 720	(D)
Turkeys ..... farms, 1997	13	4	2	1	5	8	2	3
1992	11	3	5	4	2	9	3	3
number, 1997	128 362	9	(D)	(D)	(D)	177	(D)	(D)
1992	148 960	(D)	22	20	(D)	66	32	(D)
Turkey hens kept for breeding ..... farms, 1997	1	2	1	–	1	4	–	3
1992	3	1	3	4	–	5	1	2
number, 1997	(D)	(D)	(D)	–	(D)	(D)	–	(D)
1992	(D)	(D)	4	(D)	–	10	(D)	(D)
Ducks, geese, and other poultry ..... farms, 1997	5	6	1	2	3	9	17	3
1992	8	2	3	10	5	7	8	4
SALES								
Any poultry sold ..... farms, 1997	25	20	13	8	16	22	19	8
1992	30	16	18	12	17	33	32	14
$1,000, 1997	6 378	17	1 740	14	581	(D)	143	6
1992	6 471	(D)	796	8	180	196	161	24
Layers, pullets, and pullet chicks sold (see text) ..... farms, 1997	4	–	6	4	–	2	2	1
1992	2	1	6	3	1	10	12	5
number, 1997	(D)	–	131 045	(D)	–	(D)	(D)	(D)
1992	(D)	(D)	(D)	(D)	(D)	(D)	(D)	775
Layers 20 weeks old and older sold ..... farms, 1997	3	–	6	4	–	2	2	1
1992	1	1	6	3	1	10	10	5
number, 1997	135	–	131 045	326	–	(D)	(D)	(D)
1992	(D)	(D)	60 235	(D)	(D)	(D)	6 216	775
Pullet chicks and pullets less than 20 weeks old sold ..... farms, 1997	1	–	–	1	–	1	–	–
1992	1	–	1	–	–	–	2	–
number, 1997	(D)	–	–	(D)	–	(D)	–	–
1992	(D)	–	(D)	–	–	–	(D)	–
Broilers and other meat-type chickens sold ..... farms, 1997	2	5	4	3	5	6	7	2
1992	6	5	9	8	6	10	13	1
number, 1997	(D)	325	(D)	(D)	485	1 955	2 681	(D)
1992	388	900	8 684	769	3 659	7 218	3 738	(D)
1997 farms by number sold:								
1 to 1,999	2	5	3	3	5	6	7	2
2,000 to 59,999	–	–	1	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–	–
100,000 to 199,999	–	–	–	–	–	–	–	–
200,000 to 499,999	–	–	–	–	–	–	–	–
500,000 or more	–	–	–	–	–	–	–	–
Turkeys sold ..... farms, 1997	17	2	1	–	2	3	–	–
1992	19	1	1	–	4	7	4	1
number, 1997	507 112	(D)	(D)	–	(D)	140	–	–
1992	619 610	(D)	(D)	–	(D)	100	45	(D)
Turkeys for slaughter sold ..... farms, 1997	17	2	1	–	2	3	–	–
1992	19	1	1	–	4	7	4	1
number, 1997	507 112	(D)	(D)	–	(D)	140	–	–
1992	(D)	(D)	(D)	–	(D)	100	45	(D)
Ducks, geese, and other poultry sold ..... farms, 1997	2	1	–	–	2	2	8	1
1992	3	–	–	–	1	2	–	1

Table 16. **Poultry—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
INVENTORY								
Any poultry ..... farms, 1997	86	24	18	30	34	53	9	27
1992	126	35	31	39	29	56	16	20
Layers and pullets 13 weeks old and older (see text) ..... farms, 1997	65	18	13	20	20	44	6	24
1992	104	30	28	28	26	44	8	14
number, 1997	(D)	466	(D)	(D)	1 496	1 418	(D)	521
1992	464 578	(D)	(D)	79 418	1 796	2 941	(D)	(D)
Layers 20 weeks old and older ..... farms, 1997	62	17	13	19	19	43	6	23
1992	101	30	25	27	26	44	8	13
number, 1997	64 027	364	(D)	9 515	1 428	1 363	94	432
1992	464 316	1 500	(D)	78 019	1 376	2 891	343	(D)
1997 farms by inventory:								
1 to 49	42	17	8	12	15	36	6	20
50 to 99	9	–	3	4	2	4	–	3
100 to 399	8	–	–	1	1	3	–	–
400 to 3,199	1	–	–	1	1	–	–	–
3,200 to 9,999	–	–	–	1	–	–	–	–
10,000 to 19,999	–	–	–	–	–	–	–	–
20,000 to 49,999	2	–	1	–	–	–	–	–
50,000 to 99,999	–	–	1	–	–	–	–	–
100,000 or more	–	–	–	–	–	–	–	–
Pullets 13 weeks old and older but less than 20 weeks old ..... farms, 1997	15	4	4	3	4	4	1	6
1992	12	1	4	5	10	4	2	2
number, 1997	(D)	102	(D)	(D)	68	55	(D)	89
1992	262	(D)	989	1 399	420	50	(D)	(D)
Pullet chicks and pullets less than 13 weeks old ..... farms, 1997	3	1	–	–	1	2	–	2
1992	5	–	–	1	1	1	–	–
number, 1997	(D)	(D)	–	–	(D)	(D)	–	(D)
1992	70	–	–	(D)	(D)	(D)	–	–
Broilers and other meat-type chickens ..... farms, 1997	16	6	3	10	4	14	1	6
1992	30	4	4	11	3	14	1	3
number, 1997	4 023	338	900	2 135	72	328	(D)	1 020
1992	3 417	114	215	2 443	(D)	1 087	(D)	370
Turkeys ..... farms, 1997	6	4	2	5	2	9	2	2
1992	16	5	5	5	3	6	4	2
number, 1997	35 214	32	(D)	75	(D)	116	(D)	(D)
1992	51 799	22	38	(D)	11	74	14 100	(D)
Turkey hens kept for breeding ..... farms, 1997	2	–	1	1	1	2	–	1
1992	8	5	2	4	2	–	–	2
number, 1997	(D)	–	(D)	(D)	(D)	(D)	–	(D)
1992	27	(D)	(D)	6	(D)	–	–	(D)
Ducks, geese, and other poultry ..... farms, 1997	23	4	5	10	17	13	3	5
1992	21	8	4	8	7	15	6	3
SALES								
Any poultry sold ..... farms, 1997	65	10	12	25	16	28	6	8
1992	77	13	19	33	11	38	6	5
$1,000, 1997	2 444	4	1 779	730	214	19	(D)	3
1992	6 943	12	(D)	2 978	48	32	305	(D)
Layers, pullets, and pullet chicks sold (see text) ..... farms, 1997	17	1	4	3	3	5	–	1
1992	27	–	6	8	2	4	–	1
number, 1997	98 675	(D)	(D)	(D)	(D)	(D)	–	(D)
1992	(D)	–	(D)	(D)	(D)	940	–	(D)
Layers 20 weeks old and older sold ..... farms, 1997	12	1	3	3	3	5	–	1
1992	23	–	6	8	–	4	–	1
number, 1997	(D)	(D)	(D)	(D)	(D)	163	–	(D)
1992	204 796	–	(D)	74 243	–	940	–	(D)
Pullet chicks and pullets less than 20 weeks old sold ..... farms, 1997	6	–	2	–	1	1	–	–
1992	5	–	–	1	2	–	–	–
number, 1997	(D)	–	(D)	–	(D)	(D)	–	–
1992	(D)	–	–	(D)	(D)	–	–	–
Broilers and other meat-type chickens sold ..... farms, 1997	12	6	4	10	–	10	2	4
1992	16	1	5	15	2	14	–	2
number, 1997	10 537	1 176	960	8 142	–	1 438	(D)	950
1992	18 618	(D)	800	2 491	(D)	3 391	–	(D)
1997 farms by number sold:								
1 to 1,999	11	6	4	8	–	10	2	4
2,000 to 59,999	1	–	–	2	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–	–
100,000 to 199,999	–	–	–	–	–	–	–	–
200,000 to 499,999	–	–	–	–	–	–	–	–
500,000 or more	–	–	–	–	–	–	–	–
Turkeys sold ..... farms, 1997	5	3	1	9	–	6	3	–
1992	9	1	1	6	–	3	4	–
number, 1997	111 361	46	(D)	(D)	–	85	(D)	–
1992	174 360	(D)	(D)	(D)	–	(D)	30 400	–
Turkeys for slaughter sold ..... farms, 1997	5	3	–	7	–	6	3	–
1992	9	1	–	5	–	3	4	–
number, 1997	111 361	46	–	(D)	–	85	(D)	–
1992	174 360	(D)	–	(D)	–	(D)	30 400	–
Ducks, geese, and other poultry sold ..... farms, 1997	11	1	4	4	7	5	1	–
1992	2	–	1	1	3	2	1	–

Table 16. **Poultry—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
INVENTORY								
Any poultry ..... farms, 1997	36	36	13	30	19	11	41	15
1992	33	35	49	39	30	16	40	14
Layers and pullets 13 weeks old and older (see text) ..... farms, 1997	19	27	11	24	16	9	39	10
1992	22	27	40	35	19	12	33	14
number, 1997	(D)	(D)	(D)	856	(D)	(D)	(D)	193
1992	13 216	(D)	(D)	(D)	(D)	264	(D)	(D)
Layers 20 weeks old and older ..... farms, 1997	16	27	11	24	16	9	37	10
1992	21	27	40	35	19	11	33	14
number, 1997	(D)	(D)	(D)	769	(D)	260	279 987	193
1992	12 889	(D)	94 848	44 542	(D)	224	293 652	521
1997 farms by inventory:								
1 to 49	5	24	6	18	11	8	26	10
50 to 99	4	1	2	3	3	–	3	–
100 to 399	5	1	2	3	1	1	1	–
400 to 3,199	–	–	–	–	–	–	–	–
3,200 to 9,999	–	–	–	–	1	–	3	–
10,000 to 19,999	–	–	–	–	–	–	2	–
20,000 to 49,999	1	–	–	–	–	–	–	–
50,000 to 99,999	–	–	–	–	–	–	–	–
100,000 or more	1	1	1	–	–	–	2	–
Pullets 13 weeks old and older but less than 20 weeks old ..... farms, 1997	4	5	3	4	3	2	11	–
1992	5	3	1	1	4	3	3	2
number, 1997	67	(D)	(D)	87	24	(D)	(D)	–
1992	327	(D)	(D)	(D)	22	40	(D)	(D)
Pullet chicks and pullets less than 13 weeks old ..... farms, 1997	–	1	–	1	–	–	2	–
1992	–	–	–	1	3	2	2	–
number, 1997	–	(D)	–	(D)	–	–	(D)	–
1992	–	–	–	(D)	15	(D)	(D)	–
Broilers and other meat-type chickens ..... farms, 1997	10	9	2	5	3	3	8	3
1992	10	8	7	7	9	3	6	2
number, 1997	(D)	606	(D)	(D)	400	175	903	450
1992	(D)	897	813	552	1 605	(D)	496	(D)
Turkeys ..... farms, 1997	5	6	–	1	–	2	2	4
1992	2	2	2	2	6	2	5	5
number, 1997	35	72	–	(D)	–	(D)	(D)	41
1992	(D)	(D)	(D)	(D)	(D)	(D)	(D)	29
Turkey hens kept for breeding ..... farms, 1997	3	2	–	–	–	1	–	1
1992	1	1	1	1	3	1	2	1
number, 1997	20	(D)	–	–	–	(D)	–	(D)
1992	(D)	(D)	(D)	(D)	5	(D)	(D)	(D)
Ducks, geese, and other poultry ..... farms, 1997	13	11	4	8	7	2	5	6
1992	4	6	5	5	6	7	8	–
SALES								
Any poultry sold ..... farms, 1997	23	9	6	11	10	3	35	5
1992	24	14	32	28	11	3	29	8
$1,000, 1997	2 686	(D)	(D)	6	55	7	4 756	6
1992	1 566	(D)	1 045	793	(D)	(D)	3 605	4
Layers, pullets, and pullet chicks sold (see text) ..... farms, 1997	4	2	2	2	4	–	10	–
1992	3	3	13	14	2	–	10	2
number, 1997	(D)	(D)	(D)	(D)	(D)	–	(D)	–
1992	(D)	(D)	(D)	(D)	(D)	–	300 627	(D)
Layers 20 weeks old and older sold ..... farms, 1997	4	2	2	2	4	–	9	–
1992	2	3	11	13	2	–	7	2
number, 1997	(D)	(D)	(D)	(D)	(D)	–	337 566	–
1992	(D)	(D)	82 209	26 978	(D)	–	157 027	(D)
Pullet chicks and pullets less than 20 weeks old sold ..... farms, 1997	–	–	–	–	–	–	1	–
1992	1	–	2	1	1	–	4	–
number, 1997	–	–	–	–	–	–	(D)	–
1992	(D)	–	(D)	(D)	(D)	–	143 600	–
Broilers and other meat-type chickens sold ..... farms, 1997	13	1	2	4	6	2	13	2
1992	12	5	6	6	6	–	8	1
number, 1997	404 682	(D)	(D)	197	1 395	(D)	(D)	(D)
1992	(D)	(D)	1 197	794	840	–	(D)	(D)
1997 farms by number sold:								
1 to 1,999	8	1	2	4	6	2	11	2
2,000 to 59,999	2	–	–	–	–	–	2	–
60,000 to 99,999	1	–	–	–	–	–	–	–
100,000 to 199,999	2	–	–	–	–	–	–	–
200,000 to 499,999	–	–	–	–	–	–	–	–
500,000 or more	–	–	–	–	–	–	–	–
Turkeys sold ..... farms, 1997	1	1	–	–	4	1	2	1
1992	1	–	1	1	4	–	4	1
number, 1997	(D)	(D)	–	–	66	(D)	(D)	(D)
1992	(D)	–	(D)	(D)	(D)	–	139 606	(D)
Turkeys for slaughter sold ..... farms, 1997	1	1	–	–	4	1	2	1
1992	1	–	1	1	4	–	4	1
number, 1997	(D)	(D)	–	–	66	(D)	(D)	(D)
1992	(D)	–	(D)	(D)	(D)	–	139 606	(D)
Ducks, geese, and other poultry sold ..... farms, 1997	6	–	–	–	2	1	3	1
1992	1	1	–	2	2	2	–	–

Table 16. **Poultry—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
INVENTORY								
Any poultry ..... farms, 1997	16	12	38	29	11	13	19	35
1992	29	10	40	27	13	28	22	65
Layers and pullets 13 weeks old and older (see text) ..... farms, 1997	10	10	26	21	9	11	10	30
1992	26	10	30	18	11	26	9	47
number, 1997	(D)	(D)	2 045	304 930	(D)	(D)	(D)	8 262
1992	874	483	2 081	(D)	(D)	2 000	566	(D)
Layers 20 weeks old and older ..... farms, 1997	8	10	25	21	9	11	10	29
1992	26	10	30	17	11	26	9	46
number, 1997	153	(D)	1 886	304 897	(D)	841	817 505	7 763
1992	813	483	1 861	(D)	(D)	2 000	566	3 658
1997 farms by inventory:								
1 to 49	8	5	16	11	4	6	6	18
50 to 99	–	2	3	2	1	3	–	3
100 to 399	–	2	5	3	–	2	1	7
400 to 3,199	–	–	1	–	–	–	–	–
3,200 to 9,999	–	–	–	–	–	–	–	1
10,000 to 19,999	–	–	–	–	1	–	–	–
20,000 to 49,999	–	–	–	2	–	–	–	–
50,000 to 99,999	–	–	–	2	2	–	–	–
100,000 or more	–	1	–	1	1	–	3	–
Pullets 13 weeks old and older but less than 20 weeks old ..... farms, 1997	2	1	6	3	3	2	1	6
1992	4	–	3	1	2	–	–	8
number, 1997	(D)	(D)	159	33	(D)	(D)	(D)	499
1992	61	–	220	(D)	(D)	–	–	(D)
Pullet chicks and pullets less than 13 weeks old ..... farms, 1997	–	1	1	–	–	1	–	2
1992	1	–	2	2	–	–	1	3
number, 1997	–	(D)	(D)	–	–	(D)	–	(D)
1992	(D)	–	(D)	(D)	–	–	(D)	(D)
Broilers and other meat-type chickens ..... farms, 1997	–	3	7	3	1	1	5	5
1992	3	–	10	8	4	4	3	13
number, 1997	–	200	490	175	(D)	(D)	1 220	199
1992	9	–	661	(D)	(D)	170	(D)	1 735
Turkeys ..... farms, 1997	6	2	4	2	–	2	4	4
1992	1	–	11	5	1	2	5	3
number, 1997	(D)	(D)	(D)	(D)	–	(D)	(D)	41
1992	(D)	–	(D)	79	(D)	(D)	(D)	12
Turkey hens kept for breeding ..... farms, 1997	4	1	2	1	–	1	4	2
1992	1	–	6	2	–	–	4	2
number, 1997	(D)	(D)	(D)	(D)	–	(D)	(D)	(D)
1992	(D)	–	20	(D)	–	–	(D)	(D)
Ducks, geese, and other poultry ..... farms, 1997	4	7	11	6	1	4	7	13
1992	11	–	11	9	2	7	6	13
SALES								
Any poultry sold ..... farms, 1997	5	8	22	18	10	7	14	19
1992	8	6	18	17	11	19	14	38
$1,000, 1997	(D)	(D)	(D)	4 840	11 580	7	11 301	312
1992	6	5	(D)	2 508	(D)	18	557	388
Layers, pullets, and pullet chicks sold (see text) ..... farms, 1997	–	2	5	6	4	–	–	2
1992	1	2	7	1	3	4	1	8
number, 1997	–	(D)	567	279 161	(D)	–	–	(D)
1992	(D)	(D)	(D)	(D)	(D)	545	(D)	(D)
Layers 20 weeks old and older sold ..... farms, 1997	–	2	5	6	4	–	–	2
1992	–	2	7	1	3	4	–	5
number, 1997	–	(D)	567	279 161	614 837	–	–	(D)
1992	–	(D)	1 008	(D)	(D)	545	–	(D)
Pullet chicks and pullets less than 20 weeks old sold ..... farms, 1997	–	–	–	–	1	–	–	–
1992	1	–	1	–	–	–	1	3
number, 1997	–	–	–	–	(D)	–	–	–
1992	(D)	–	(D)	–	–	–	(D)	109 000
Broilers and other meat-type chickens sold ..... farms, 1997	–	1	7	9	4	2	7	4
1992	–	1	5	6	5	4	5	9
number, 1997	–	(D)	1 250	(D)	(D)	(D)	2 106	(D)
1992	–	(D)	892	(D)	1 300	(D)	(D)	2 450
1997 farms by number sold:								
1 to 1,999	–	1	7	7	3	2	7	3
2,000 to 59,999	–	–	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–	–
100,000 to 199,999	–	–	–	1	–	–	–	1
200,000 to 499,999	–	–	–	1	1	–	–	–
500,000 or more	–	–	–	–	–	–	–	–
Turkeys sold ..... farms, 1997	–	–	4	–	1	–	3	–
1992	–	–	4	2	1	1	3	3
number, 1997	–	–	(D)	–	(D)	–	(D)	–
1992	–	–	(D)	(D)	(D)	(D)	(D)	(D)
Turkeys for slaughter sold ..... farms, 1997	–	–	4	–	1	–	1	–
1992	–	–	4	2	1	1	1	2
number, 1997	–	–	(D)	–	(D)	–	(D)	–
1992	–	–	(D)	(D)	(D)	(D)	(D)	(D)
Ducks, geese, and other poultry sold ..... farms, 1997	2	–	4	3	–	–	1	1
1992	–	–	2	3	–	–	2	2

Table 16. **Poultry—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
INVENTORY								
Any poultry ..... farms, 1997	10	33	42	22	18	35	28	23
1992	22	29	46	21	20	35	40	33
Layers and pullets 13 weeks old and older (see text) ..... farms, 1997	9	17	31	12	14	15	22	17
1992	18	21	40	17	14	29	30	27
number, 1997	(D)	(D)	1 021	(D)	(D)	(D)	(D)	(D)
1992	(D)	(D)	1 923	(D)	(D)	111 700	2 845	1 407
Layers 20 weeks old and older ..... farms, 1997	9	17	30	11	13	13	22	17
1992	17	21	38	17	14	29	28	27
number, 1997	(D)	263	907	(D)	303	96 168	2 064	582
1992	(D)	854	1 867	(D)	286	111 400	2 545	1 407
1997 farms by inventory:								
1 to 49	7	17	23	9	12	8	17	12
50 to 99	–	–	5	–	1	1	2	4
100 to 399	1	–	2	1	–	–	1	1
400 to 3,199	–	–	–	–	–	–	2	–
3,200 to 9,999	–	–	–	–	–	–	–	–
10,000 to 19,999	–	–	–	–	–	2	–	–
20,000 to 49,999	–	–	–	1	–	2	–	–
50,000 to 99,999	–	–	–	–	–	–	–	–
100,000 or more	1	–	–	–	–	–	–	–
Pullets 13 weeks old and older but less than 20 weeks old ..... farms, 1997	–	2	8	1	2	2	1	2
1992	4	3	5	3	1	3	4	–
number, 1997	–	(D)	114	(D)	(D)	(D)	(D)	(D)
1992	130	(D)	56	(D)	(D)	300	300	–
Pullet chicks and pullets less than 13 weeks old ..... farms, 1997	–	–	1	1	–	–	–	1
1992	1	–	1	–	–	1	–	–
number, 1997	–	–	(D)	(D)	–	–	–	(D)
1992	(D)	–	(D)	–	–	(D)	–	–
Broilers and other meat-type chickens ..... farms, 1997	1	12	19	6	8	6	5	8
1992	8	5	8	3	5	7	9	3
number, 1997	(D)	615	1 184	252	(D)	517	(D)	679
1992	(D)	440	631	(D)	(D)	205	1 522	(D)
Turkeys ..... farms, 1997	2	6	3	3	3	7	4	2
1992	3	7	10	3	–	5	9	2
number, 1997	(D)	47	31	6	7	(D)	(D)	(D)
1992	(D)	39	33	(D)	–	(D)	(D)	(D)
Turkey hens kept for breeding ..... farms, 1997	–	2	1	–	1	5	–	2
1992	2	4	2	2	–	4	1	2
number, 1997	–	(D)	(D)	–	(D)	(D)	–	(D)
1992	(D)	15	(D)	(D)	–	(D)	(D)	(D)
Ducks, geese, and other poultry ..... farms, 1997	1	17	11	7	4	15	10	7
1992	4	12	12	5	6	8	13	8
SALES								
Any poultry sold ..... farms, 1997	10	16	22	13	7	17	15	22
1992	19	19	20	15	12	25	26	22
$1,000, 1997	(D)	(D)	9	(D)	(D)	2 459	(D)	17
1992	2 282	(D)	49	653	(D)	2 091	(D)	(D)
Layers, pullets, and pullet chicks sold (see text) ..... farms, 1997	–	2	4	2	–	4	1	3
1992	4	7	3	4	2	8	5	3
number, 1997	–	(D)	102	(D)	–	86 697	(D)	(D)
1992	94 942	(D)	640	(D)	(D)	161 323	174	172
Layers 20 weeks old and older sold ..... farms, 1997	–	1	4	1	–	4	1	3
1992	4	6	3	4	–	8	5	3
number, 1997	–	(D)	102	(D)	–	86 697	(D)	(D)
1992	94 942	477	640	(D)	–	161 323	174	172
Pullet chicks and pullets less than 20 weeks old sold ..... farms, 1997	–	1	–	1	–	–	–	–
1992	–	2	–	–	2	–	–	–
number, 1997	–	(D)	–	(D)	–	–	–	–
1992	–	(D)	–	–	(D)	–	–	–
Broilers and other meat-type chickens sold ..... farms, 1997	3	5	9	4	4	5	2	9
1992	8	6	3	4	6	4	7	7
number, 1997	(D)	6 605	874	95	(D)	425	(D)	1 474
1992	(D)	4 951	685	1 000	(D)	355	1 835	(D)
1997 farms by number sold:								
1 to 1,999	3	4	9	4	3	5	2	9
2,000 to 59,999	–	1	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–	–
100,000 to 199,999	–	–	–	–	–	–	–	–
200,000 to 499,999	–	–	–	–	–	–	–	–
500,000 or more	–	–	–	–	1	–	–	–
Turkeys sold ..... farms, 1997	1	2	–	–	–	2	4	4
1992	1	5	1	1	–	2	10	2
number, 1997	(D)	(D)	–	–	–	(D)	(D)	53
1992	(D)	(D)	(D)	(D)	–	(D)	(D)	(D)
Turkeys for slaughter sold ..... farms, 1997	1	2	–	–	–	1	4	4
1992	1	5	1	–	–	2	10	2
number, 1997	(D)	(D)	–	–	–	(D)	(D)	53
1992	(D)	(D)	(D)	–	–	(D)	(D)	(D)
Ducks, geese, and other poultry sold ..... farms, 1997	–	4	6	4	–	5	4	5
1992	–	2	1	2	–	1	5	2

Table 16. **Poultry—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
INVENTORY								
Any poultry ..... farms, 1997	48	23	49	24	30	28	21	37
1992	51	38	71	31	17	42	21	38
Layers and pullets 13 weeks old and older (see text) ..... farms, 1997	32	17	35	19	12	23	16	30
1992	38	30	58	25	12	34	18	35
number, 1997	(D)	2 700	1 370	(D)	210	1 036	620	679
1992	531 036	(D)	(D)	853	(D)	5 353	(D)	7 546
Layers 20 weeks old and older ..... farms, 1997	31	16	34	19	12	22	16	28
1992	38	29	58	25	12	34	18	33
number, 1997	1 573 881	1 132	1 107	(D)	148	975	526	620
1992	530 976	43 795	47 107	853	684	5 201	(D)	7 479
1997 farms by inventory:								
1 to 49	8	9	23	14	12	17	13	27
50 to 99	5	3	9	–	–	1	1	–
100 to 399	3	4	2	4	–	4	2	1
400 to 3,199	–	–	–	–	–	–	–	–
3,200 to 9,999	2	–	–	–	–	–	–	–
10,000 to 19,999	1	–	–	–	–	–	–	–
20,000 to 49,999	3	–	–	–	–	–	–	–
50,000 to 99,999	2	–	–	–	–	–	–	–
100,000 or more	7	–	–	1	–	–	–	–
Pullets 13 weeks old and older but less than 20 weeks old ..... farms, 1997	3	8	7	1	3	3	3	6
1992	4	8	2	–	1	7	1	5
number, 1997	(D)	1 568	263	(D)	62	61	94	59
1992	60	(D)	(D)	–	(D)	152	(D)	67
Pullet chicks and pullets less than 13 weeks old ..... farms, 1997	1	1	–	–	2	1	–	3
1992	–	2	–	–	–	1	–	3
number, 1997	(D)	(D)	–	–	(D)	(D)	–	52
1992	–	(D)	–	–	–	(D)	–	72
Broilers and other meat-type chickens ..... farms, 1997	12	6	9	3	10	8	3	10
1992	18	6	16	5	6	8	6	7
number, 1997	221 062	894	925	(D)	(D)	312	(D)	525
1992	470 296	729	2 346	(D)	229 100	575	458	573
Turkeys ..... farms, 1997	3	6	4	2	7	1	2	6
1992	5	9	11	9	1	–	3	3
number, 1997	6	(D)	34	(D)	117	(D)	(D)	45
1992	42	(D)	106	92	(D)	–	15	19
Turkey hens kept for breeding ..... farms, 1997	2	2	2	1	7	–	2	3
1992	1	4	6	6	–	–	3	3
number, 1997	(D)	(D)	(D)	(D)	(D)	–	(D)	(D)
1992	(D)	(D)	18	7	–	–	15	(D)
Ducks, geese, and other poultry ..... farms, 1997	10	5	17	6	11	4	3	18
1992	5	14	23	11	2	6	5	6
SALES								
Any poultry sold ..... farms, 1997	51	15	25	10	10	13	6	8
1992	49	21	46	12	9	16	13	18
$1,000, 1997	21 844	(D)	14	(D)	(D)	12	6	4
1992	9 339	3 162	422	(D)	2 061	74	(D)	77
Layers, pullets, and pullet chicks sold (see text) ..... farms, 1997	13	3	2	3	–	2	1	4
1992	18	8	5	1	1	2	2	8
number, 1997	(D)	962	(D)	(D)	–	(D)	(D)	(D)
1992	(D)	(D)	31 185	(D)	(D)	(D)	(D)	(D)
Layers 20 weeks old and older sold ..... farms, 1997	13	3	2	3	–	2	1	3
1992	17	7	5	1	1	2	2	8
number, 1997	373 000	962	(D)	(D)	–	(D)	(D)	85
1992	295 806	41 776	31 185	(D)	(D)	(D)	(D)	(D)
Pullet chicks and pullets less than 20 weeks old sold ..... farms, 1997	1	–	–	–	–	–	–	2
1992	1	1	–	–	–	–	–	–
number, 1997	(D)	–	–	–	–	–	–	(D)
1992	(D)	(D)	–	–	–	–	–	–
Broilers and other meat-type chickens sold ..... farms, 1997	23	7	9	4	8	4	2	3
1992	20	9	17	7	5	1	6	5
number, 1997	2 472 235	4 300	1 044	(D)	(D)	248	(D)	(D)
1992	2 245 745	2 455	7 566	(D)	1 054 320	(D)	617	929
1997 farms by number sold:								
1 to 1,999	11	7	9	2	6	4	2	3
2,000 to 59,999	3	–	–	–	–	–	–	–
60,000 to 99,999	–	–	–	–	–	–	–	–
100,000 to 199,999	3	–	–	1	–	–	–	–
200,000 to 499,999	6	–	–	1	2	–	–	–
500,000 or more	–	–	–	–	–	–	–	–
Turkeys sold ..... farms, 1997	2	3	2	–	2	–	–	2
1992	5	6	1	–	–	–	–	1
number, 1997	(D)	(D)	(D)	–	(D)	–	–	(D)
1992	(D)	(D)	(D)	–	–	–	–	(D)
Turkeys for slaughter sold ..... farms, 1997	2	3	1	–	2	–	–	2
1992	5	6	1	–	–	–	–	1
number, 1997	(D)	(D)	(D)	–	(D)	–	–	(D)
1992	(D)	(D)	(D)	–	–	–	–	(D)
Ducks, geese, and other poultry sold ..... farms, 1997	2	1	5	1	–	2	–	1
1992	3	2	11	2	–	2	–	3

Table 16. **Poultry—Inventory and Sales: 1997 and 1992**—Con.

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

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
INVENTORY								
Any poultry ..... farms, 1997	72	14	23	15	45	38	10	12
1992	77	17	34	17	70	41	23	20
Layers and pullets 13 weeks old and older (see text) ..... farms, 1997	48	11	20	8	36	33	4	9
1992	52	15	19	14	58	32	13	13
number, 1997	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1992	(D)	(D)	(D)	1 448	(D)	(D)	(D)	(D)
Layers 20 weeks old and older ..... farms, 1997	47	10	20	8	36	33	4	9
1992	52	15	18	14	57	31	12	13
number, 1997	399 737	230	(D)	619	(D)	1 267	(D)	(D)
1992	201 966	256	(D)	1 223	255 098	1 165	11 360	(D)
1997 farms by inventory:								
1 to 49	36	9	12	7	21	22	2	5
50 to 99	5	1	5	–	4	7	–	1
100 to 399	1	–	2	–	6	4	–	1
400 to 3,199	–	–	–	1	2	–	–	–
3,200 to 9,999	2	–	–	–	1	–	2	–
10,000 to 19,999	–	–	–	–	–	–	–	–
20,000 to 49,999	1	–	–	–	1	–	–	–
50,000 to 99,999	–	–	–	–	–	–	–	1
100,000 or more	2	–	1	–	1	–	–	1
Pullets 13 weeks old and older but less than 20 weeks old ..... farms, 1997	4	1	5	1	5	2	–	1
1992	3	2	4	5	13	4	1	–
number, 1997	(D)	(D)	90	(D)	(D)	(D)	–	(D)
1992	(D)	(D)	(D)	225	(D)	(D)	(D)	–
Pullet chicks and pullets less than 13 weeks old ..... farms, 1997	3	1	2	–	2	1	–	2
1992	3	1	1	1	3	1	–	1
number, 1997	(D)	(D)	(D)	–	(D)	(D)	–	(D)
1992	159 000	(D)	(D)	(D)	(D)	(D)	–	(D)
Broilers and other meat-type chickens ..... farms, 1997	14	2	2	4	12	11	4	3
1992	11	3	7	4	15	7	6	7
number, 1997	(D)	(D)	(D)	122	688	439	324	276
1992	977	(D)	356	(D)	5 132	3 676	1 081	475
Turkeys ..... farms, 1997	15	3	1	2	3	4	4	2
1992	12	–	5	3	9	8	12	7
number, 1997	325 130	10	(D)	(D)	14	(D)	(D)	(D)
1992	217 808	–	71	(D)	(D)	(D)	135 978	(D)
Turkey hens kept for breeding ..... farms, 1997	–	3	1	1	2	2	1	1
1992	1	–	2	2	3	2	6	3
number, 1997	–	(D)	(D)	(D)	(D)	(D)	(D)	(D)
1992	(D)	–	(D)	(D)	7	(D)	(D)	8
Ducks, geese, and other poultry ..... farms, 1997	7	5	12	7	13	13	2	3
1992	8	1	12	3	14	13	7	8
SALES								
Any poultry sold ..... farms, 1997	50	6	11	9	31	21	11	8
1992	55	2	16	18	32	17	24	19
$1,000, 1997	16 572	2	(D)	4	2 741	(D)	(D)	(D)
1992	10 573	(D)	(D)	27	2 956	1 288	4 440	(D)
Layers, pullets, and pullet chicks sold (see text) ..... farms, 1997	7	1	3	2	8	5	2	2
1992	12	1	6	7	9	2	7	3
number, 1997	(D)	(D)	(D)	(D)	60 221	62	(D)	(D)
1992	427 865	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Layers 20 weeks old and older sold ..... farms, 1997	5	1	3	2	7	5	2	1
1992	10	1	6	5	9	2	6	3
number, 1997	210 850	(D)	(D)	(D)	(D)	62	(D)	(D)
1992	117 850	(D)	(D)	180	104 391	(D)	(D)	(D)
Pullet chicks and pullets less than 20 weeks old sold ..... farms, 1997	4	–	1	–	1	–	–	1
1992	4	–	1	2	1	–	1	–
number, 1997	(D)	–	(D)	–	(D)	–	–	(D)
1992	310 015	–	(D)	(D)	(D)	–	(D)	–
Broilers and other meat-type chickens sold ..... farms, 1997	11	1	1	2	5	5	5	1
1992	17	–	6	12	5	4	6	9
number, 1997	(D)	(D)	(D)	(D)	475	1 960	630	(D)
1992	7 086	–	2 423	3 657	(D)	3 690	2 835	2 880
1997 farms by number sold:								
1 to 1,999	8	1	1	2	5	5	5	1
2,000 to 59,999	1	–	–	–	–	–	–	–
60,000 to 99,999	2	–	–	–	–	–	–	–
100,000 to 199,999	–	–	–	–	–	–	–	–
200,000 to 499,999	–	–	–	–	–	–	–	–
500,000 or more	–	–	–	–	–	–	–	–
Turkeys sold ..... farms, 1997	19	–	1	–	1	2	3	–
1992	17	–	–	2	1	3	7	5
number, 1997	775 970	–	(D)	–	(D)	(D)	(D)	–
1992	688 508	–	–	(D)	(D)	119 000	379 960	(D)
Turkeys for slaughter sold ..... farms, 1997	19	–	1	–	1	2	2	–
1992	16	–	–	2	1	3	3	5
number, 1997	775 970	–	(D)	–	(D)	(D)	(D)	–
1992	(D)	–	–	(D)	(D)	119 000	(D)	(D)
Ducks, geese, and other poultry sold ..... farms, 1997	–	3	–	1	4	2	1	1
1992	3	–	2	2	3	3	2	5

Table 17. **Sheep and Lambs—Inventory, Shorn, and Sales: 1997 and 1992**

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

Item	Iowa	Adair	Adams	Allamakee	Appanoose	Audubon	Benton
Sheep and lambs inventory ..... farms, 1997	4 431	57	18	25	38	28	75
1992	6 760	87	28	52	51	44	115
number, 1997	265 305	1 720	798	664	1 844	1 053	3 072
1992	405 354	3 460	1 200	1 497	2 044	2 371	4 438
1997 farms by inventory:							
1 to 24 ..... farms	2 073	29	5	10	18	17	37
number	26 260	367	57	132	221	222	442
25 to 99 ..... farms	1 856	26	12	15	13	9	33
number	85 091	(D)	(D)	532	484	(D)	1 462
100 to 299 ..... farms	394	2	1	–	7	2	3
number	61 071	(D)	(D)	–	1 139	(D)	(D)
300 to 999 ..... farms	82	–	–	–	–	–	2
number	40 179	–	–	–	–	–	(D)
1,000 or more ..... farms	26	–	–	–	–	–	–
number	52 704	–	–	–	–	–	–
Ewes 1 year old or older ..... farms, 1997	4 037	55	18	24	35	25	71
1992	6 195	80	26	45	50	39	106
number, 1997	138 269	1 213	498	507	1 025	627	2 099
1992	224 196	2 165	825	971	1 546	1 369	2 767
Sheep and lambs shorn ..... farms, 1997	3 945	53	20	24	32	24	67
1992	6 180	77	26	50	54	39	101
number, 1997	241 676	1 580	949	593	1 582	1 093	2 570
1992	465 330	3 117	1 012	1 236	2 192	1 959	3 587
pounds of wool, 1997	1 517 411	13 892	5 369	6 407	12 583	8 225	17 469
1992	3 486 228	20 285	6 751	10 192	20 561	13 955	24 276
Sheep and lambs sold ..... farms, 1997	4 536	58	21	26	38	30	72
1992	7 043	86	29	55	55	51	112
number, 1997	319 349	1 779	784	614	1 477	1 351	2 582
1992	592 575	4 138	1 080	1 613	1 825	2 274	3 867
Sheep, lambs, and wool sold ..... farms, 1997	4 598	59	21	26	38	30	75
1992	7 141	86	29	56	55	51	117
$1,000, 1997	30 214	156	70	44	114	117	213
1992	38 861	245	78	85	104	(D)	237

Item	Black Hawk	Boone	Bremer	Buchanan	Buena Vista	Butler	Calhoun
Sheep and lambs inventory ..... farms, 1997	36	52	44	63	39	73	43
1992	62	88	71	71	62	111	77
number, 1997	3 231	1 703	1 724	1 356	3 162	3 386	1 546
1992	3 311	2 877	2 390	2 234	3 547	3 771	5 188
1997 farms by inventory:							
1 to 24 ..... farms	18	28	27	49	15	37	25
number	264	288	294	505	180	487	313
25 to 99 ..... farms	12	21	14	12	15	26	16
number	(D)	929	720	(D)	(D)	1 118	(D)
100 to 299 ..... farms	4	3	2	2	8	10	2
number	515	486	(D)	(D)	1 183	1 781	(D)
300 to 999 ..... farms	1	–	1	–	–	–	–
number	(D)	–	(D)	–	–	–	–
1,000 or more ..... farms	1	–	–	–	1	–	–
number	(D)	–	–	–	(D)	–	–
Ewes 1 year old or older ..... farms, 1997	33	44	42	46	35	70	39
1992	60	77	61	59	61	100	71
number, 1997	2 107	1 128	1 082	878	2 413	1 776	1 003
1992	1 740	1 729	1 259	1 294	2 415	2 732	3 295
Sheep and lambs shorn ..... farms, 1997	36	42	39	44	39	68	34
1992	56	82	57	60	62	104	71
number, 1997	3 508	1 400	1 266	1 125	4 821	3 210	1 342
1992	3 477	2 485	1 999	2 161	3 265	5 546	4 482
pounds of wool, 1997	24 701	9 437	8 025	7 663	22 035	19 857	9 221
1992	26 825	17 585	13 629	20 282	24 780	29 778	33 067
Sheep and lambs sold ..... farms, 1997	43	50	42	53	42	82	41
1992	63	94	75	72	67	119	79
number, 1997	3 399	1 376	1 319	1 206	5 411	4 349	1 618
1992	3 578	2 966	3 615	2 638	4 134	5 923	5 354
Sheep, lambs, and wool sold ..... farms, 1997	43	51	44	54	43	82	42
1992	65	98	75	77	67	121	80
$1,000, 1997	320	119	173	115	538	405	144
1992	222	178	228	179	267	374	328

Table 17. **Sheep and Lambs—Inventory, Shorn, and Sales: 1997 and 1992**—Con.

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

Item	Carroll	Cass	Cedar	Cerro Gordo	Cherokee	Chickasaw	Clarke
Sheep and lambs inventory ..... farms, 1997	36	43	69	42	31	43	51
1992	45	82	127	48	49	51	65
number, 1997	2 581	2 317	2 588	1 392	1 598	2 076	2 473
1992	1 568	4 275	4 993	1 270	4 516	2 986	2 113
1997 farms by inventory:							
1 to 24 ..... farms	11	16	40	20	15	29	21
number	175	164	600	274	190	382	300
25 to 99 ..... farms	19	19	25	20	11	10	28
number	1 064	951	1 244	(D)	580	327	(D)
100 to 299 ..... farms	4	8	4	2	4	3	1
number	(D)	1 202	744	(D)	(D)	(D)	(D)
300 to 999 ..... farms	2	–	–	–	1	–	1
number	(D)	–	–	–	(D)	–	(D)
1,000 or more ..... farms	–	–	–	–	–	1	–
number	–	–	–	–	–	(D)	–
Ewes 1 year old or older ..... farms, 1997	33	38	65	41	28	40	47
1992	42	73	114	45	47	50	63
number, 1997	1 562	1 296	1 885	1 036	1 120	731	1 563
1992	1 194	2 453	3 208	878	1 628	1 893	1 541
Sheep and lambs shorn ..... farms, 1997	33	38	63	39	28	38	49
1992	48	72	113	43	48	50	64
number, 1997	2 641	2 165	2 396	1 347	2 134	2 524	2 672
1992	1 665	3 297	6 499	1 157	4 681	5 300	2 111
pounds of wool, 1997	17 002	11 112	16 349	10 227	16 233	12 610	18 424
1992	11 012	19 362	36 177	9 700	29 930	21 645	14 487
Sheep and lambs sold ..... farms, 1997	37	41	72	42	33	45	54
1992	51	86	128	49	50	59	65
number, 1997	3 335	2 052	2 353	1 319	2 068	2 732	2 462
1992	1 909	3 956	7 630	1 462	5 582	6 231	2 222
Sheep, lambs, and wool sold ..... farms, 1997	37	44	74	42	34	45	54
1992	51	86	131	51	54	59	65
$1,000, 1997	301	174	217	107	179	211	230
1992	123	261	514	79	349	255	130

Item	Clay	Clayton	Clinton	Crawford	Dallas	Davis	Decatur
Sheep and lambs inventory ..... farms, 1997	33	59	56	42	42	78	32
1992	64	75	88	74	52	144	39
number, 1997	3 608	1 780	2 337	3 002	1 164	7 484	1 402
1992	6 022	2 768	3 855	4 767	2 114	16 670	2 183
1997 farms by inventory:							
1 to 24 ..... farms	5	33	23	16	23	29	18
number	70	350	299	198	278	387	240
25 to 99 ..... farms	19	24	26	21	18	35	13
number	909	(D)	1 129	989	(D)	1 878	(D)
100 to 299 ..... farms	5	2	7	4	1	12	–
number	769	(D)	909	(D)	(D)	(D)	–
300 to 999 ..... farms	4	–	–	–	–	1	1
number	1 860	–	–	–	–	(D)	(D)
1,000 or more ..... farms	–	–	–	1	–	1	–
number	–	–	–	(D)	–	(D)	–
Ewes 1 year old or older ..... farms, 1997	27	57	50	37	36	74	30
1992	52	69	79	64	50	135	36
number, 1997	1 443	1 245	1 526	1 247	715	2 591	1 039
1992	2 975	1 731	2 056	2 300	1 375	7 294	1 225
Sheep and lambs shorn ..... farms, 1997	29	55	51	35	31	74	30
1992	56	71	81	62	49	136	38
number, 1997	2 991	1 347	2 117	3 686	815	4 188	1 141
1992	3 771	2 083	3 117	5 003	1 822	11 390	1 339
pounds of wool, 1997	17 022	10 591	14 024	19 429	6 208	35 491	8 065
1992	27 650	14 761	21 052	25 807	12 613	90 581	10 613
Sheep and lambs sold ..... farms, 1997	35	57	60	40	40	83	34
1992	69	75	90	77	54	143	45
number, 1997	4 244	1 600	2 019	3 854	922	7 194	6 297
1992	6 992	2 559	3 784	4 988	1 975	11 054	1 845
Sheep, lambs, and wool sold ..... farms, 1997	35	60	60	43	40	83	35
1992	69	78	90	77	54	144	45
$1,000, 1997	422	126	173	401	77	718	470
1992	480	193	243	339	(D)	587	110

Table 17. **Sheep and Lambs—Inventory, Shorn, and Sales: 1997 and 1992**—Con.

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

Item	Delaware	Des Moines	Dickinson	Dubuque	Emmet	Fayette	Floyd	Franklin
Sheep and lambs inventory ..... farms, 1997	34	28	35	36	19	59	25	36
1992	71	57	43	44	29	83	44	69
number, 1997	1 016	590	1 551	1 221	982	4 564	1 028	2 516
1992	1 726	2 777	7 468	1 783	1 263	3 752	1 908	4 429
1997 farms by inventory:								
1 to 24 ..... farms	18	18	11	19	10	27	12	19
number	205	172	124	293	146	346	119	249
25 to 99 ..... farms	15	9	23	15	6	23	10	10
number	(D)	(D)	(D)	(D)	383	1 074	479	347
100 to 299 ..... farms	1	1	1	2	3	6	3	4
number	(D)	(D)	(D)	(D)	453	844	430	606
300 to 999 ..... farms	–	–	–	–	–	2	–	3
number	–	–	–	–	–	(D)	–	1 314
1,000 or more ..... farms	–	–	–	–	–	1	–	–
number	–	–	–	–	–	(D)	–	–
Ewes 1 year old or older ..... farms, 1997	33	22	31	35	19	57	24	33
1992	65	55	41	41	25	75	38	61
number, 1997	649	358	1 148	827	661	2 089	516	1 567
1992	1 182	1 622	1 530	1 143	959	2 339	1 106	2 943
Sheep and lambs shorn ..... farms, 1997	34	22	32	33	19	53	25	34
1992	60	57	42	41	31	80	38	59
number, 1997	750	544	1 357	940	962	4 807	709	3 398
1992	1 373	2 773	1 868	1 245	1 416	6 153	1 867	5 316
pounds of wool, 1997	5 185	4 142	7 936	6 265	7 194	28 184	4 372	16 641
1992	9 733	17 735	14 954	9 019	12 477	38 433	10 201	43 041
Sheep and lambs sold ..... farms, 1997	40	26	34	36	25	61	26	37
1992	72	58	47	47	31	87	48	66
number, 1997	845	643	1 685	970	1 199	5 235	784	3 048
1992	1 579	2 101	7 373	1 361	1 436	6 734	2 411	4 237
Sheep, lambs, and wool sold ..... farms, 1997	41	26	36	36	25	62	27	39
1992	72	60	48	47	33	89	48	70
$1,000, 1997	67	58	133	82	114	559	60	239
1992	98	127	618	(D)	103	536	(D)	293

Item	Fremont	Greene	Grundy	Guthrie	Hamilton	Hancock	Hardin	Harrison
Sheep and lambs inventory ..... farms, 1997	10	28	41	37	40	36	39	9
1992	14	52	68	65	51	56	66	20
number, 1997	684	937	2 692	924	1 363	2 240	1 004	467
1992	782	2 645	5 596	2 241	1 370	3 282	2 317	847
1997 farms by inventory:								
1 to 24 ..... farms	4	13	12	26	20	15	24	5
number	60	158	145	373	253	187	252	54
25 to 99 ..... farms	4	14	22	10	16	15	14	2
number	(D)	(D)	1 099	(D)	646	(D)	(D)	(D)
100 to 299 ..... farms	2	1	5	1	4	5	1	2
number	(D)	(D)	(D)	(D)	464	920	(D)	(D)
300 to 999 ..... farms	–	–	2	–	–	1	–	–
number	–	–	(D)	–	–	(D)	–	–
1,000 or more ..... farms	–	–	–	–	–	–	–	–
number	–	–	–	–	–	–	–	–
Ewes 1 year old or older ..... farms, 1997	7	27	39	34	36	33	32	9
1992	12	48	65	56	46	48	61	17
number, 1997	130	727	1 344	562	990	1 578	733	337
1992	477	1 864	2 455	1 146	1 050	1 352	1 584	534
Sheep and lambs shorn ..... farms, 1997	8	27	35	30	37	33	33	8
1992	13	49	67	52	49	47	56	16
number, 1997	137	793	2 005	954	1 160	1 721	887	462
1992	(D)	2 039	4 167	1 450	1 443	2 629	3 009	821
pounds of wool, 1997	751	4 871	12 599	5 726	8 858	12 944	6 335	3 090
1992	(D)	12 240	27 007	11 982	9 744	16 258	21 908	4 882
Sheep and lambs sold ..... farms, 1997	12	31	42	38	40	38	38	9
1992	17	57	71	59	59	57	64	22
number, 1997	2 147	984	2 388	1 208	1 280	2 224	1 428	359
1992	977	3 304	6 843	2 023	1 828	2 600	3 759	(D)
Sheep, lambs, and wool sold ..... farms, 1997	12	31	42	38	41	41	40	10
1992	17	57	71	61	59	58	66	22
$1,000, 1997	56	93	235	94	119	201	119	33
1992	58	205	484	(D)	102	174	251	41

Table 17. **Sheep and Lambs—Inventory, Shorn, and Sales: 1997 and 1992**—Con.

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

Item	Henry	Howard	Humboldt	Ida	Iowa	Jackson	Jasper	Jefferson
Sheep and lambs inventory ..... farms, 1997	51	26	22	29	47	53	91	42
1992	81	37	51	50	78	71	126	75
number, 1997	2 289	1 111	3 870	2 117	2 114	2 475	3 546	9 646
1992	3 554	1 744	1 863	2 635	4 167	3 028	4 622	6 885
1997 farms by inventory:								
1 to 24 ..... farms	20	10	11	12	22	29	47	18
number	240	120	125	153	303	330	659	220
25 to 99 ..... farms	27	13	8	13	22	19	37	20
number	1 322	526	457	704	946	(D)	1 611	976
100 to 299 ..... farms	4	3	2	–	2	4	6	–
number	727	465	(D)	–	(D)	846	(D)	–
300 to 999 ..... farms	–	–	–	4	1	1	1	2
number	–	–	–	1 260	(D)	(D)	(D)	(D)
1,000 or more ..... farms	–	–	1	–	–	–	–	2
number	–	–	(D)	–	–	–	–	(D)
Ewes 1 year old or older ..... farms, 1997	51	20	17	28	47	49	82	39
1992	73	35	47	47	75	62	117	73
number, 1997	1 614	679	614	1 315	1 758	1 638	2 171	4 933
1992	2 281	1 227	1 258	1 625	2 724	1 980	3 563	2 521
Sheep and lambs shorn ..... farms, 1997	48	18	18	26	41	46	81	35
1992	77	42	51	43	71	64	117	73
number, 1997	1 969	785	767	1 563	1 833	2 144	2 977	9 694
1992	2 988	2 363	1 463	1 979	4 032	2 610	4 236	9 442
pounds of wool, 1997	16 071	9 716	6 120	9 668	14 984	15 080	19 692	58 689
1992	24 187	16 513	12 108	18 282	23 986	20 393	31 065	45 814
Sheep and lambs sold ..... farms, 1997	54	25	22	29	48	52	96	39
1992	91	43	55	49	86	71	128	77
number, 1997	1 686	1 188	3 718	2 392	2 529	2 373	2 990	11 782
1992	3 136	2 305	1 793	2 728	5 284	2 560	4 523	6 909
Sheep, lambs, and wool sold ..... farms, 1997	54	25	22	29	48	53	96	40
1992	91	43	56	50	86	71	129	79
$1,000, 1997	153	102	346	176	239	200	272	1 260
1992	200	137	117	181	339	169	287	499

Item	Johnson	Jones	Keokuk	Kossuth	Lee	Linn	Louisa	Lucas
Sheep and lambs inventory ..... farms, 1997	114	49	60	63	49	87	28	29
1992	153	67	88	96	72	125	32	57
number, 1997	5 758	2 552	3 071	3 809	3 093	2 987	1 076	3 239
1992	7 745	1 773	7 125	4 766	3 746	4 715	1 088	4 318
1997 farms by inventory:								
1 to 24 ..... farms	55	24	26	31	13	43	10	7
number	773	327	361	486	184	439	140	89
25 to 99 ..... farms	49	22	28	21	27	39	16	16
number	2 044	823	1 352	(D)	1 091	1 768	(D)	(D)
100 to 299 ..... farms	7	2	5	10	7	4	2	4
number	1 186	(D)	(D)	1 460	(D)	(D)	(D)	690
300 to 999 ..... farms	3	–	1	1	2	1	–	1
number	1 755	–	(D)	(D)	(D)	(D)	–	(D)
1,000 or more ..... farms	–	1	–	–	–	–	–	1
number	–	(D)	–	–	–	–	–	(D)
Ewes 1 year old or older ..... farms, 1997	107	46	57	59	44	75	26	28
1992	141	62	77	93	64	119	31	55
number, 1997	2 971	1 044	1 673	2 785	1 781	2 137	657	775
1992	4 280	1 305	3 000	3 713	2 363	3 119	683	2 396
Sheep and lambs shorn ..... farms, 1997	111	43	54	59	44	76	27	27
1992	146	59	84	90	66	119	30	54
number, 1997	7 060	2 180	3 394	3 541	2 679	2 769	752	4 099
1992	9 596	1 665	7 299	4 476	3 649	4 577	951	4 615
pounds of wool, 1997	42 476	12 342	21 446	21 428	19 026	18 036	5 710	18 979
1992	60 308	13 297	42 296	36 216	24 102	30 964	6 851	30 477
Sheep and lambs sold ..... farms, 1997	126	48	61	68	49	84	29	30
1992	165	67	96	100	78	131	34	60
number, 1997	6 907	2 226	4 072	4 736	2 196	2 418	769	4 296
1992	8 324	1 976	10 518	6 283	4 048	4 908	942	4 379
Sheep, lambs, and wool sold ..... farms, 1997	126	48	61	68	49	86	29	30
1992	165	67	97	100	80	133	35	61
$1,000, 1997	703	209	405	447	180	215	62	590
1992	578	106	735	381	242	287	58	257

Table 17. **Sheep and Lambs—Inventory, Shorn, and Sales: 1997 and 1992**—Con.

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

Item	Lyon	Madison	Mahaska	Marion	Marshall	Mills	Mitchell	Monona
Sheep and lambs inventory ..... farms, 1997	58	49	48	79	71	21	35	22
1992	75	88	93	78	94	21	60	40
number, 1997	5 715	2 121	2 515	8 218	3 280	1 056	1 296	1 145
1992	7 911	3 326	4 643	5 715	4 455	1 218	2 406	1 700
1997 farms by inventory:								
1 to 24 ..... farms	16	20	17	43	35	9	20	7
number	194	254	226	542	481	120	236	82
25 to 99 ..... farms	24	25	25	27	30	9	10	12
number	1 273	1 289	1 247	1 301	1 578	416	374	568
100 to 299 ..... farms	14	4	6	5	4	3	5	3
number	2 047	578	1 042	(D)	(D)	520	686	495
300 to 999 ..... farms	4	–	–	3	2	–	–	–
number	2 201	–	–	1 550	(D)	–	–	–
1,000 or more ..... farms	–	–	–	1	–	–	–	–
number	–	–	–	(D)	–	–	–	–
Ewes 1 year old or older ..... farms, 1997	52	48	44	66	67	21	29	20
1992	65	88	87	72	92	19	57	35
number, 1997	3 394	1 669	1 516	2 510	2 255	753	881	773
1992	4 184	2 445	3 360	2 800	2 938	686	1 685	1 095
Sheep and lambs shorn ..... farms, 1997	50	42	43	61	61	18	29	20
1992	69	86	83	74	86	19	55	32
number, 1997	5 083	2 010	1 589	2 628	2 767	951	1 461	1 206
1992	9 647	3 244	4 906	5 609	4 240	1 436	2 491	1 217
pounds of wool, 1997	33 701	12 368	12 810	17 669	16 692	6 185	8 410	6 302
1992	54 918	24 165	30 628	34 660	27 531	7 194	15 163	9 417
Sheep and lambs sold ..... farms, 1997	63	50	48	78	68	19	34	25
1992	88	91	93	79	102	21	61	40
number, 1997	6 133	1 846	1 957	8 475	2 294	846	1 241	1 106
1992	14 981	3 136	4 569	7 449	4 786	1 248	1 943	2 908
Sheep, lambs, and wool sold ..... farms, 1997	63	50	49	79	68	19	34	25
1992	88	95	93	80	103	21	61	40
$1,000, 1997	592	153	173	636	240	76	106	95
1992	950	194	298	543	306	57	115	162

Item	Monroe	Montgomery	Muscatine	O'Brien	Osceola	Page	Palo Alto	Plymouth
Sheep and lambs inventory ..... farms, 1997	27	19	61	57	27	32	23	68
1992	51	32	84	88	64	47	43	123
number, 1997	1 718	681	1 632	4 485	3 771	1 496	3 843	7 202
1992	3 022	3 077	3 052	4 725	6 026	1 976	4 037	8 615
1997 farms by inventory:								
1 to 24 ..... farms	10	9	34	23	8	15	8	27
number	120	111	356	316	132	188	111	391
25 to 99 ..... farms	12	9	26	22	16	14	11	28
number	548	(D)	(D)	1 138	714	572	532	1 240
100 to 299 ..... farms	3	1	1	9	2	2	1	8
number	(D)	(D)	(D)	1 707	(D)	(D)	(D)	(D)
300 to 999 ..... farms	2	–	–	3	–	1	2	3
number	(D)	–	–	1 324	–	(D)	(D)	1 655
1,000 or more ..... farms	–	–	–	–	1	–	1	2
number	–	–	–	–	(D)	–	(D)	(D)
Ewes 1 year old or older ..... farms, 1997	22	19	52	54	25	30	22	63
1992	45	32	74	85	62	45	43	110
number, 1997	752	534	1 178	2 238	1 116	701	1 182	2 245
1992	1 889	1 239	1 969	3 248	2 943	1 187	1 800	3 783
Sheep and lambs shorn ..... farms, 1997	24	20	53	52	27	32	22	64
1992	46	30	71	86	63	41	41	99
number, 1997	1 046	710	1 404	4 296	5 952	1 219	5 748	7 934
1992	3 044	2 892	3 041	6 340	4 691	2 380	2 079	5 134
pounds of wool, 1997	7 327	5 116	10 176	31 316	41 389	7 127	24 159	42 727
1992	23 737	14 439	19 944	46 470	32 491	14 334	16 429	39 294
Sheep and lambs sold ..... farms, 1997	26	20	60	58	29	34	25	71
1992	55	31	86	98	69	47	45	123
number, 1997	1 139	773	1 970	4 973	4 136	1 779	6 474	13 612
1992	3 215	2 509	3 579	7 381	6 758	2 014	5 176	9 863
Sheep, lambs, and wool sold ..... farms, 1997	26	20	61	58	29	34	25	72
1992	55	32	88	98	69	47	45	126
$1,000, 1997	123	63	166	523	431	133	720	1 262
1992	154	139	219	514	520	118	361	516

Table 17. **Sheep and Lambs—Inventory, Shorn, and Sales: 1997 and 1992**—Con.

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

Item	Pocahontas	Polk	Pottawattamie	Poweshiek	Ringgold	Sac	Scott	Shelby
Sheep and lambs inventory ..... farms, 1997	27	48	53	59	24	51	53	39
1992	40	57	69	82	43	83	80	50
number, 1997	1 567	2 210	1 795	3 174	1 449	5 411	1 679	2 109
1992	2 356	2 353	3 126	3 748	2 841	9 410	2 431	5 050
1997 farms by inventory:								
1 to 24 ..... farms	7	26	24	30	11	19	26	14
number	93	305	244	446	129	300	325	169
25 to 99 ..... farms	18	18	26	20	9	25	22	20
number	(D)	990	1 162	(D)	377	1 251	816	820
100 to 299 ..... farms	2	3	3	7	2	4	5	4
number	(D)	(D)	389	1 126	(D)	518	538	(D)
300 to 999 ..... farms	–	1	–	2	2	2	–	1
number	–	(D)	–	(D)	(D)	(D)	–	(D)
1,000 or more ..... farms	–	–	–	–	–	1	–	–
number	–	–	–	–	–	(D)	–	–
Ewes 1 year old or older ..... farms, 1997	25	42	50	54	20	47	51	35
1992	30	50	63	78	41	73	71	44
number, 1997	1 003	1 446	1 219	2 222	983	2 015	1 092	1 303
1992	1 789	1 492	2 243	2 655	2 027	3 657	1 858	3 822
Sheep and lambs shorn ..... farms, 1997	22	37	48	53	21	46	52	37
1992	30	52	65	74	38	75	71	44
number, 1997	1 364	2 143	1 619	3 380	1 761	2 746	1 443	1 544
1992	2 821	1 886	3 518	4 696	2 538	5 417	2 365	3 428
pounds of wool, 1997	8 948	13 602	9 308	20 328	9 330	12 350	11 299	10 622
1992	17 802	13 315	23 155	32 696	17 470	39 219	18 354	27 008
Sheep and lambs sold ..... farms, 1997	32	45	55	58	24	51	56	45
1992	43	62	69	82	45	87	76	52
number, 1997	2 000	1 931	1 860	4 470	1 588	11 217	1 562	2 622
1992	3 993	2 483	2 759	4 170	2 326	9 619	2 430	6 074
Sheep, lambs, and wool sold ..... farms, 1997	32	45	57	58	25	51	58	45
1992	43	63	71	82	45	88	78	52
$1,000, 1997	189	163	158	428	160	1 329	140	205
1992	290	(D)	186	304	142	554	(D)	304

Item	Sioux	Story	Tama	Taylor	Union	Van Buren	Wapello	Warren
Sheep and lambs inventory ..... farms, 1997	102	62	80	23	39	62	23	61
1992	116	93	113	44	51	98	42	77
number, 1997	28 917	2 906	3 470	1 126	2 970	3 548	631	1 790
1992	27 585	4 793	6 994	2 233	22 893	4 851	3 599	3 011
1997 farms by inventory:								
1 to 24 ..... farms	28	30	36	12	21	26	13	39
number	372	379	520	110	320	384	133	388
25 to 99 ..... farms	39	23	35	9	11	28	9	19
number	1 786	1 142	1 683	(D)	409	1 391	(D)	736
100 to 299 ..... farms	17	9	9	2	3	8	1	2
number	3 111	1 385	1 267	(D)	563	1 773	(D)	(D)
300 to 999 ..... farms	9	–	–	–	4	–	–	1
number	5 978	–	–	–	1 678	–	–	(D)
1,000 or more ..... farms	9	–	–	–	–	–	–	–
number	17 670	–	–	–	–	–	–	–
Ewes 1 year old or older ..... farms, 1997	86	56	68	22	39	59	22	54
1992	88	88	108	36	50	89	36	64
number, 1997	7 199	1 931	2 302	636	1 468	2 187	458	1 034
1992	6 562	2 677	4 250	1 299	13 349	2 918	1 737	1 570
Sheep and lambs shorn ..... farms, 1997	88	56	66	20	38	58	21	52
1992	90	85	107	34	54	88	32	62
number, 1997	27 112	2 409	2 697	912	3 446	2 871	738	2 230
1992	21 387	3 645	10 263	2 260	(D)	4 288	7 905	2 263
pounds of wool, 1997	141 098	17 699	21 035	6 048	18 582	22 264	4 221	13 379
1992	114 697	26 362	49 110	12 435	(D)	31 291	27 830	15 171
Sheep and lambs sold ..... farms, 1997	113	61	84	22	39	60	20	58
1992	129	96	116	47	57	97	44	75
number, 1997	52 239	2 600	3 371	1 335	3 828	2 454	437	2 344
1992	82 786	4 686	11 326	3 106	(D)	3 956	9 454	2 265
Sheep, lambs, and wool sold ..... farms, 1997	113	64	84	23	39	60	22	60
1992	129	96	119	47	57	100	45	75
$1,000, 1997	5 141	250	291	140	435	225	38	229
1992	6 154	255	635	200	(D)	211	(D)	138

Table 17. **Sheep and Lambs—Inventory, Shorn, and Sales: 1997 and 1992**—Con.

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

Item	Washington	Wayne	Webster	Winnebago	Winneshiek	Woodbury	Worth	Wright
Sheep and lambs inventory ..... farms, 1997..	70	28	36	26	58	48	23	39
1992..	109	45	49	55	72	93	46	59
number, 1997..	3 278	1 043	1 274	651	1 991	1 991	937	1 621
1992..	8 042	2 747	1 741	1 876	3 824	4 180	1 548	1 830
1997 farms by inventory:								
1 to 24 ..... farms..	33	15	19	17	29	23	12	17
number..	417	194	293	181	337	240	135	222
25 to 99 ..... farms..	28	9	16	8	24	15	8	20
number..	1 265	397	(D)	(D)	1 009	591	348	(D)
100 to 299 ..... farms..	9	4	1	1	5	10	3	2
number..	1 596	452	(D)	(D)	645	1 160	454	(D)
300 to 999 ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
1,000 or more ..... farms..	–	–	–	–	–	–	–	–
number..	–	–	–	–	–	–	–	–
Ewes 1 year old or older ..... farms, 1997..	58	27	32	24	50	40	21	35
1992..	102	43	47	54	67	84	45	54
number, 1997..	2 042	748	605	389	1 271	1 393	614	896
1992..	4 687	1 378	1 398	1 332	2 087	2 644	1 165	1 167
Sheep and lambs shorn ..... farms, 1997..	55	26	34	19	48	42	21	35
1992..	101	43	44	53	73	77	44	50
number, 1997..	2 576	901	1 051	455	1 687	1 836	782	974
1992..	7 942	2 902	1 820	1 661	2 711	3 674	1 549	1 509
pounds of wool, 1997..	18 445	6 491	7 484	2 906	11 020	12 575	5 426	7 250
1992..	44 339	18 381	14 390	13 111	21 271	26 867	11 786	13 045
Sheep and lambs sold ..... farms, 1997..	69	29	44	26	57	53	22	41
1992..	114	45	55	55	73	96	51	57
number, 1997..	2 893	975	1 465	1 037	1 799	2 162	782	1 203
1992..	9 460	2 999	2 050	2 003	2 990	4 214	1 999	1 715
Sheep, lambs, and wool sold ..... farms, 1997..	70	29	45	27	57	53	22	42
1992..	114	48	55	56	76	96	52	61
$1,000, 1997..	242	78	141	72	148	190	68	108
1992..	671	176	118	125	190	271	124	111

Table 18. **Horses and Ponies—Inventory and Sales: 1997 and 1992**

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

Geographic area	Inventory		Sales		
	Farms	Number	Farms	Number	Sales ($1,000)
STATE TOTAL					
Iowa 1997	9 636	60 421	2 199	9 605	13 849
1992	8 961	47 681	2 096	9 457	9 518
COUNTIES, 1997					
Adair	68	478	15	274	180
Adams	46	212	6	17	28
Allamakee	131	1 020	31	212	275
Appanoose	106	572	29	117	119
Audubon	57	528	10	43	132
Benton	99	471	16	39	41
Black Hawk	97	595	23	60	122
Boone	125	800	27	91	203
Bremer	105	598	22	79	54
Buchanan	152	1 405	51	187	260
Buena Vista	73	567	15	54	123
Butler	126	1 128	32	681	(D)
Calhoun	59	238	14	58	45
Carroll	58	236	9	22	21
Cass	82	298	16	49	41
Cedar	91	1 437	22	107	135
Cerro Gordo	95	467	32	84	116
Cherokee	97	892	24	89	75
Chickasaw	80	423	18	48	82
Clarke	126	736	23	153	158
Clay	56	424	16	87	(D)
Clayton	162	1 138	42	240	266
Clinton	146	779	35	163	280
Crawford	77	483	16	51	44
Dallas	156	845	39	140	236
Davis	197	1 568	51	165	122
Decatur	163	1 002	39	143	127
Delaware	99	499	23	62	91
Des Moines	81	503	24	74	82
Dickinson	45	220	15	34	76
Dubuque	122	658	27	94	104
Emmet	45	285	7	14	16
Fayette	120	648	23	68	89
Floyd	88	427	16	61	78
Franklin	56	360	6	61	(D)
Fremont	65	387	11	39	26
Greene	57	205	13	74	74
Grundy	77	593	24	154	205
Guthrie	89	314	12	34	27
Hamilton	72	515	17	58	95
Hancock	64	286	15	39	40
Hardin	89	628	22	116	483
Harrison	83	432	11	42	43
Henry	75	721	22	137	819
Howard	75	478	28	53	38
Humboldt	42	192	7	27	(D)
Ida	43	274	8	38	71
Iowa	94	620	22	128	87
Jackson	167	1 164	30	213	187
Jasper	105	629	32	116	124
Jefferson	79	536	20	88	91
Johnson	218	1 315	58	352	276
Jones	102	687	35	128	173
Keokuk	89	504	21	92	83
Kossuth	83	427	15	32	35
Lee	105	757	18	78	80
Linn	194	1 139	42	128	250
Louisa	60	226	10	23	27
Lucas	147	950	37	126	91
Lyon	119	739	41	142	149
Madison	158	968	40	131	153
Mahaska	74	454	21	90	155
Marion	141	784	28	117	123
Marshall	82	398	18	66	124
Mills	49	263	14	45	95
Mitchell	74	523	23	79	65
Monona	43	239	9	23	(D)
Monroe	99	575	21	76	87
Montgomery	52	195	7	7	7
Muscatine	98	445	21	54	76
O'Brien	72	450	16	128	211
Osceola	39	167	5	15	32
Page	96	506	25	142	195
Palo Alto	41	224	10	31	25
Plymouth	118	722	24	60	85
Pocahontas	54	368	12	53	50
Polk	123	742	23	60	64
Pottawattamie	178	1 354	47	214	220
Poweshiek	86	505	16	32	39
Ringgold	88	410	17	51	(D)
Sac	68	474	13	62	81
Scott	77	627	20	95	113
Shelby	45	278	10	113	249
Sioux	138	640	24	58	99
Story	108	789	28	106	209
Tama	109	587	22	50	41
Taylor	85	396	12	57	44
Union	108	597	17	79	111
Van Buren	146	817	26	74	66
Wapello	126	804	20	59	72

Table 18. **Horses and Ponies—Inventory and Sales: 1997 and 1992**—Con.

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

Geographic area	Inventory		Sales		
	Farms	Number	Farms	Number	Sales ($1,000)
COUNTIES, 1997—Con.					
Warren	210	1 544	56	280	854
Washington	119	855	30	155	115
Wayne	119	915	20	97	70
Webster	75	335	16	67	39
Winnebago	59	362	12	50	27
Winneshiek	123	736	27	114	124
Woodbury	169	1 073	37	140	233
Worth	52	251	13	50	37
Wright	56	391	14	47	46

Table 19. **Milk Goats—Inventory and Sales: 1997 and 1992**

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

Geographic area	Inventory		Sales					
			Milk goats		Goat milk			
	Farms	Number	Farms	Number	Farms	Gallons	Farms	Total sales ($1,000)
STATE TOTAL								
Iowa 1997	266	4 992	92	1 399	64	597 048	127	1 238
1992	295	2 955	87	1 044	48	349 746	111	569
COUNTIES, 1997								
Adair	5	62	1	(D)	1	(D)	2	(D)
Allamakee	6	985	3	(D)	6	151 750	6	217
Appanoose	14	116	3	12	1	(D)	4	(D)
Boone	4	(D)	2	(D)	–	–	2	(D)
Bremer	4	(D)	2	(D)	–	–	2	(D)
Buchanan	10	163	–	–	3	(D)	3	(D)
Butler	4	(D)	–	–	1	(D)	1	(D)
Calhoun	3	(D)	2	(D)	–	–	2	(D)
Cherokee	4	(D)	1	(D)	1	(D)	2	(D)
Clarke	10	(D)	1	(D)	1	(D)	2	(D)
Clayton	7	(D)	4	(D)	2	(D)	4	43
Clinton	6	(D)	1	(D)	1	(D)	1	(D)
Crawford	3	207	1	(D)	3	31 050	3	60
Dallas	4	32	1	(D)	3	666	3	(D)
Davis	3	(D)	–	–	–	–	–	–
Delaware	3	(D)	1	(D)	1	(D)	1	(D)
Dubuque	7	71	2	(D)	3	42 000	3	91
Fayette	5	176	–	–	2	(D)	2	(D)
Grundy	3	(D)	–	–	1	(D)	1	(D)
Henry	4	(D)	1	(D)	–	–	1	(D)
Howard	4	304	1	(D)	3	36 079	3	92
Iowa	5	104	3	(D)	–	–	3	2
Johnson	14	353	4	(D)	3	(D)	5	67
Keokuk	4	11	2	(D)	–	–	2	(D)
Linn	3	(D)	2	(D)	2	(D)	2	(D)
Louisa	4	12	1	(D)	1	(D)	1	(D)
Lucas	4	(D)	–	–	–	–	–	–
Mahaska	4	10	1	(D)	–	–	1	(D)
Marion	7	45	4	(D)	–	–	4	2
Muscatine	3	(D)	1	(D)	–	–	1	(D)
Plymouth	5	(D)	2	(D)	–	–	2	(D)
Polk	3	(D)	1	(D)	–	–	1	(D)
Scott	4	68	3	(D)	2	(D)	3	6
Tama	5	(D)	3	(D)	3	20 100	5	50
Union	4	(D)	2	(D)	–	–	2	(D)
Van Buren	3	(D)	2	(D)	–	–	2	(D)
Wapello	3	(D)	2	(D)	–	–	2	(D)
Washington	8	(D)	1	(D)	3	(D)	4	(D)
Winneshiek	11	382	2	(D)	6	52 815	6	164
All other counties	59	530	29	268	11	17 735	33	63

Table 20. **Angora Goats—Inventory and Sales: 1997 and 1992**

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

Geographic area	Inventory		Sales					
			Angora goats		Mohair			
	Farms	Number	Farms	Number	Farms	Pounds	Farms	Total sales ($1,000)
STATE TOTAL								
Iowa ..... 1997..	71	1 254	22	405	35	7 040	46	25
1992..	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
COUNTIES, 1997								
Boone	3	(D)	–	–	3	(D)	3	(D)
Dallas	3	74	2	(D)	3	298	4	1
Davis	3	(D)	–	–	1	(D)	1	(D)
Fayette	3	(D)	2	(D)	4	1 192	4	4
Linn	5	(D)	2	(D)	2	(D)	2	(D)
Muscatine	3	(D)	–	–	1	(D)	1	(D)
Washington	3	(D)	1	(D)	2	(D)	2	(D)
Winneshiek	4	(D)	1	(D)	1	(D)	1	(D)
All other counties	44	733	14	258	18	3 205	28	14

Table 21. **Mink and Their Pelts—Inventory and Sales: 1997 and 1992**

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

Geographic area	Inventory		Sales		
	Farms	Number	Farms	Number	Sales ($1,000)
STATE TOTAL					
Iowa ..... 1997..	18	37 504	18	69 377	2 414
1992..	31	40 670	37	83 870	1 709
COUNTIES, 1997					
Kossuth	2	(D)	3	1 250	33
All other counties	16	(D)	15	68 127	2 381

Table 22. **Colonies of Bees and Honey—Inventory and Sales: 1997 and 1992**

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

Geographic area	Inventory		Sales					
			Colonies of bees		Honey			
	Farms	Number	Farms	Number	Farms	Pounds	Farms	Total sales ($1,000)
STATE TOTAL								
Iowa ..... 1997..	367	37 660	14	2 462	175	2 493 633	179	2 239
1992..	475	57 528	31	2 854	251	3 334 432	262	1 917
COUNTIES, 1997								
Adair	5	20	–	–	–	–	–	–
Allamakee	9	2 161	–	–	5	161 242	5	116
Appanoose	4	23	–	–	2	(D)	2	(D)
Audubon	5	(D)	–	–	5	(D)	5	158
Black Hawk	8	988	–	–	7	44 773	7	44
Bremer	4	(D)	1	(D)	2	(D)	3	(D)
Buchanan	9	178	2	(D)	5	(D)	7	40
Buena Vista	5	(D)	–	–	4	(D)	4	(D)
Butler	5	83	–	–	2	(D)	2	(D)
Cass	5	31	–	–	–	–	–	–
Cedar	6	35	–	–	3	(D)	3	(D)
Cherokee	7	74	–	–	4	2 350	4	3
Clarke	4	(D)	–	–	1	(D)	1	(D)
Clayton	8	195	–	–	2	(D)	2	(D)
Clinton	4	(D)	–	–	1	(D)	1	(D)
Crawford	3	(D)	–	–	1	(D)	1	(D)
Dallas	10	(D)	2	(D)	5	(D)	5	(D)
Davis	3	(D)	–	–	–	–	–	–
Des Moines	6	11	–	–	1	(D)	1	(D)
Dubuque	5	190	1	(D)	4	8 243	4	8
Fayette	4	(D)	–	–	3	(D)	3	(D)
Fremont	4	186	–	–	3	2 570	3	(D)
Hancock	3	68	–	–	2	(D)	2	(D)
Hardin	6	190	–	–	4	(D)	4	(D)
Howard	5	(D)	–	–	2	(D)	2	(D)
Ida	3	6	–	–	–	–	–	–
Iowa	6	62	–	–	3	(D)	3	(D)
Jackson	7	(D)	–	–	3	(D)	3	(D)
Jasper	6	283	–	–	5	23 407	5	28
Johnson	13	111	–	–	3	1 585	3	1

Table 22. **Colonies of Bees and Honey—Inventory and Sales: 1997 and 1992**—Con.

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

Geographic area	Inventory		Sales					
			Colonies of bees		Honey			
	Farms	Number	Farms	Number	Farms	Pounds	Farms	Total sales ($1,000)
COUNTIES, 1997—Con.								
Jones	6	(D)	–	–	4	16 250	4	18
Lee	7	54	–	–	2	(D)	2	(D)
Linn	17	817	–	–	6	72 614	6	57
Lucas	3	7	–	–	1	(D)	1	(D)
Mahaska	3	39	–	–	3	(D)	3	(D)
Marion	5	27	–	–	2	(D)	2	(D)
Marshall	3	(D)	–	–	1	(D)	1	(D)
Monona	3	(D)	–	–	–	–	–	–
Monroe	5	613	–	–	3	40 702	3	41
Montgomery	4	(D)	1	(D)	4	(D)	4	(D)
Muscatine	4	10	–	–	–	–	–	–
Page	6	(D)	1	(D)	3	(D)	3	(D)
Pocahontas	3	(D)	1	(D)	1	(D)	1	(D)
Polk	8	55	–	–	5	1 041	5	2
Pottawattamie	9	1 973	–	–	4	152 350	4	149
Scott	7	35	–	–	3	(D)	3	(D)
Sioux	3	(D)	–	–	3	(D)	3	(D)
Story	8	733	1	(D)	4	(D)	4	30
Tama	3	15	–	–	1	(D)	1	(D)
Union	3	(D)	–	–	1	(D)	1	(D)
Van Buren	3	3	–	–	–	–	–	–
Wapello	5	24	–	–	–	–	–	–
Warren	6	101	–	–	4	7 437	4	11
Washington	9	121	–	–	4	(D)	4	(D)
Wayne	4	(D)	1	(D)	3	215 000	3	189
Winneshiek	5	67	1	(D)	2	(D)	3	(D)
All other counties	53	2 764	2	(D)	29	170 788	29	175

Table 23. **Fish Sales: 1997 and 1992**

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

Geographic area		Farms	Pounds (1,000)	Farms	Number (1,000)	Farms	Sales ($1,000)
CATFISH							
State Total							
Iowa	1997	6	171	2	(D)	8	91
	1992	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
OTHER FISH (SEE TEXT)							
State Total							
Iowa	1997	7	(D)	11	336	17	311
	1992	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
OTHER AQUACULTURE PRODUCTS (SEE TEXT)							
State Total							
Iowa	1997	2	(X)	8	(X)	10	(D)
	1992	(NA)	(X)	(NA)	(X)	(NA)	(NA)

Table 24. **Miscellaneous Poultry—Inventory and Sales: 1997 and 1992**

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

Geographic area		Inventory		Sales	
		Farms	Number	Farms	Number
DUCKS					
State Total					
Iowa	1997	405	8 758	102	6 184
	1992	487	9 122	106	10 834
Counties, 1997					
Benton		3	25	2	(D)
Black Hawk		5	59	2	(D)
Boone		5	137	–	–
Bremer		8	113	5	305
Buchanan		4	39	2	(D)
Buena Vista		3	25	–	–
Butler		6	450	3	(D)
Calhoun		3	16	–	–
Carroll		6	70	–	–
Cass		4	25	–	–
Cedar		8	582	2	(D)
Cerro Gordo		4	32	–	–
Clarke		4	(D)	–	–
Clay		4	29	2	(D)
Clayton		7	48	–	–
Clinton		12	389	2	(D)
Crawford		5	75	1	(D)
Dallas		6	40	–	–
Delaware		5	73	2	(D)
Des Moines		3	15	1	(D)
Dickinson		3	(D)	1	(D)
Dubuque		4	109	3	(D)
Emmet		4	38	3	41
Fayette		4	30	1	(D)
Franklin		5	100	2	(D)
Greene		4	55	–	–
Grundy		4	45	4	11
Hancock		3	30	1	(D)
Hardin		3	(D)	–	–
Harrison		4	36	–	–
Henry		3	31	1	(D)
Howard		3	27	–	–
Jackson		3	(D)	–	–
Jasper		9	387	2	(D)
Johnson		14	225	6	109
Jones		4	65	1	(D)
Kossuth		9	197	3	(D)
Lee		7	82	–	–
Linn		9	97	1	(D)
Lucas		3	39	–	–
Lyon		9	85	6	106
Madison		7	104	–	–
Mitchell		5	80	3	130
Montgomery		6	43	–	–
Muscatine		6	90	3	76
O'Brien		5	80	3	22
Page		4	62	–	–
Palo Alto		3	85	–	–
Plymouth		11	265	1	(D)
Polk		10	364	1	(D)
Pottawattamie		3	(D)	1	(D)
Ringgold		3	14	–	–
Sac		5	259	–	–
Scott		4	(D)	3	(D)
Shelby		6	(D)	3	(D)
Sioux		5	33	2	(D)
Story		3	12	1	(D)
Tama		8	67	1	(D)
Taylor		3	(D)	1	(D)
Union		3	(D)	–	–
Warren		8	62	–	–
Washington		3	(D)	–	–
Wayne		4	98	3	80
Webster		7	70	–	–
Winnebago		3	12	–	–
Winneshiek		8	396	2	(D)
Woodbury		13	164	2	(D)
Wright		3	113	1	(D)
All other counties		40	707	12	1 044
GEESE					
State Total					
Iowa	1997	296	3 708	59	2 453
	1992	424	4 742	72	4 640
Counties, 1997					
Appanoose		4	16	1	(D)
Benton		3	11	2	(D)
Black Hawk		4	17	1	(D)
Bremer		5	30	–	–
Buchanan		4	34	–	–
Buena Vista		6	37	2	(D)
Cass		3	27	–	–
Cedar		3	34	2	(D)
Clay		3	(D)	–	–
Clayton		4	11	–	–

Table 24. **Miscellaneous Poultry—Inventory and Sales: 1997 and 1992**—Con.

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

Geographic area		Inventory		Sales	
		Farms	Number	Farms	Number
GEESE—Con.					
Counties, 1997—Con.					
Clinton		4	124	–	–
Crawford		5	33	1	(D)
Dallas		3	8	–	–
Delaware		3	16	1	(D)
Dickinson		3	84	1	(D)
Dubuque		3	33	2	(D)
Emmet		2	(D)	4	25
Fayette		3	37	1	(D)
Franklin		3	(D)	2	(D)
Greene		5	34	–	–
Hancock		4	18	–	–
Henry		4	53	1	(D)
Howard		3	14	–	–
Jackson		7	58	1	(D)
Jasper		5	117	1	(D)
Jefferson		3	26	–	–
Johnson		9	55	3	(D)
Lee		5	37	1	(D)
Linn		3	12	–	–
Lyon		3	30	4	18
Madison		8	66	–	–
Marion		4	55	–	–
Marshall		3	37	2	(D)
Monona		4	21	–	–
Montgomery		3	3	–	–
Muscatine		6	53	2	(D)
O'Brien		4	65	2	(D)
Palo Alto		6	61	–	–
Plymouth		9	73	1	(D)
Polk		7	24	–	–
Poweshiek		3	10	1	(D)
Sac		5	83	2	(D)
Scott		4	(D)	1	(D)
Tama		13	127	2	(D)
Union		5	57	–	–
Warren		8	58	1	(D)
Wayne		3	28	1	(D)
Webster		5	34	–	–
Winnebago		3	(D)	–	–
Winneshiek		3	(D)	1	(D)
Woodbury		3	11	–	–
All other counties		68	1 618	12	1 171
PIGEONS OR SQUAB					
State Total					
Iowa	1997..	36	2 469	11	1 375
	1992..	26	2 742	12	2 220
PHEASANTS					
State Total					
Iowa	1997..	53	6 718	20	24 001
	1992..	46	6 722	24	29 519
Counties, 1997					
Bremer		3	(D)	–	–
Warren		3	12	–	–
All other counties		47	(D)	20	24 001
QUAIL					
State Total					
Iowa	1997..	18	6 847	11	13 427
	1992..	31	25 565	24	45 104
OTHER POULTRY					
State Total					
Iowa	1997..	218	18 310	83	(D)
	1992..	105	9 724	24	14 832

Table 24. **Miscellaneous Poultry—Inventory and Sales: 1997 and 1992**—Con.

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

Geographic area	Inventory		Sales	
	Farms	Number	Farms	Number
OTHER POULTRY—Con.				
Counties, 1997				
Appanoose	8	139	3	30
Black Hawk	8	178	7	73
Bremer	4	76	1	(D)
Buchanan	4	76	3	45
Butler	4	169	–	–
Calhoun	3	94	1	(D)
Clarke	3	90	1	(D)
Clayton	4	88	–	–
Clinton	4	(D)	1	(D)
Dallas	6	35	1	(D)
Davis	4	60	1	(D)
Decatur	3	(D)	3	(D)
Delaware	3	(D)	1	(D)
Dickinson	3	(D)	2	(D)
Floyd	3	(D)	1	(D)
Franklin	3	49	–	–
Grundy	3	(D)	–	–
Hancock	4	46	1	(D)
Harrison	3	33	1	(D)
Jasper	6	435	6	185
Johnson	9	272	4	(D)
Lee	8	326	5	94
Linn	3	(D)	4	222
Lyon	4	130	–	–
Marion	3	29	–	–
Muscatine	3	78	–	–
Polk	4	20	1	(D)
Pottawattamie	6	131	4	70
Sac	7	174	2	(D)
Tama	5	228	3	(D)
Union	3	38	–	–
Warren	3	46	–	–
Webster	4	14	–	–
Winnebago	3	12	1	(D)
Winneshiek	4	55	3	14
All other counties	66	5 486	22	83 927
POULTRY HATCHED (SEE TEXT)				
State Total				
Iowa 1997	162	11 334 802	257	56 499 927
1992	153	7 261 860	267	46 708 812
Counties, 1997				
Appanoose	3	500	2	(D)
Black Hawk	4	1 740	3	53
Boone	4	740	3	(D)
Bremer	3	600	11	420
Buchanan	2	(D)	4	104
Butler	2	(D)	6	540
Cass	3	(D)	4	64
Cedar	2	(D)	3	40
Cerro Gordo	2	(D)	3	(D)
Chickasaw	3	(D)	3	98
Clay	2	(D)	3	(D)
Clayton	1	(D)	3	(D)
Clinton	2	(D)	6	(D)
Crawford	5	676	3	321
Dallas	5	(D)	6	(D)
Dickinson	–	–	3	(D)
Floyd	3	(D)	6	(D)
Franklin	4	600	7	180
Hamilton	1	(D)	4	(D)
Hancock	3	180	2	(D)
Henry	1	(D)	3	(D)
Howard	2	(D)	3	(D)
Jefferson	1	(D)	3	(D)
Johnson	2	(D)	11	305
Keokuk	2	(D)	3	(D)
Kossuth	4	500	3	96
Lee	2	(D)	6	(D)
Linn	2	(D)	6	64
Lyon	3	(D)	5	132
Madison	2	(D)	3	(D)
Marshall	4	(D)	–	–
Muscatine	4	(D)	6	341
Plymouth	1	(D)	4	204
Polk	2	(D)	3	250
Pottawattamie	5	320	2	(D)
Sac	3	(D)	7	(D)
Scott	4	1 200	–	–
Shelby	2	(D)	4	(D)
Sioux	2	(D)	4	54
Story	3	1 035	3	(D)

Table 24. **Miscellaneous Poultry—Inventory and Sales: 1997 and 1992**—Con.

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

Geographic area	Inventory		Sales	
	Farms	Number	Farms	Number
POULTRY HATCHED (SEE TEXT)—Con.				
Counties, 1997—Con.				
Tama	4	847	7	409
Taylor	1	(D)	3	(D)
Union	–	–	3	90
Warren	2	(D)	3	(D)
Washington	2	(D)	3	23
Webster	4	(D)	1	(D)
Winneshiek	5	238	5	209
Woodbury	2	(D)	6	166
Wright	2	(D)	4	(D)
All other counties	35	1 480 937	58	11 162 525

Table 25. **Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1997 and 1992**

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

Geographic area	Inventory		Sales		
	Farms	Number	Farms	Number	Sales ($1,000)
MULES, BURROS, AND DONKEYS					
State Total					
Iowa 1997	741	2 229	113	471	218
1992	620	1 619	97	275	59
Counties, 1997					
Adair	5	18	2	(D)	(D)
Adams	3	12	–	–	–
Allamakee	19	43	1	(D)	(D)
Appanoose	12	34	–	–	–
Audubon	3	6	–	–	–
Benton	4	9	–	–	–
Black Hawk	11	27	–	–	–
Boone	16	38	1	(D)	(D)
Bremer	10	29	1	(D)	(D)
Buchanan	7	17	2	(D)	(D)
Butler	11	26	2	(D)	(D)
Cass	3	21	1	(D)	(D)
Cedar	9	18	2	(D)	(D)
Cherokee	3	(D)	1	(D)	(D)
Chickasaw	5	8	–	–	–
Clarke	19	32	1	(D)	(D)
Clay	5	18	1	(D)	(D)
Clayton	16	54	2	(D)	(D)
Clinton	3	(D)	3	5	(D)
Dallas	11	17	1	(D)	(D)
Davis	12	23	–	–	–
Decatur	15	26	–	–	–
Delaware	6	16	–	–	–
Des Moines	6	8	2	(D)	(D)
Dickinson	4	5	2	(D)	(D)
Dubuque	10	24	–	–	–
Emmet	5	12	–	–	–
Fayette	10	30	1	(D)	(D)
Floyd	4	5	–	–	–
Franklin	4	7	2	(D)	(D)
Fremont	3	7	–	–	–
Guthrie	4	7	2	(D)	(D)
Hamilton	4	7	–	–	–
Hardin	6	20	–	–	–
Harrison	8	19	1	(D)	(D)
Henry	5	14	1	(D)	(D)
Howard	4	(D)	2	(D)	(D)
Ida	6	12	–	–	–
Iowa	5	7	–	–	–
Jackson	9	27	–	–	–
Jasper	20	61	4	32	44
Jefferson	12	51	3	(D)	4
Johnson	10	22	1	(D)	(D)
Jones	4	5	1	(D)	(D)
Keokuk	6	11	2	(D)	(D)
Kossuth	6	(D)	2	(D)	(D)
Lee	11	49	5	11	4
Linn	9	26	2	(D)	(D)
Louisa	4	22	2	(D)	(D)
Lucas	21	106	3	7	2

Table 25. Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1997 and 1992—Con.

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

Geographic area	Inventory		Sales		
	Farms	Number	Farms	Number	Sales ($1,000)
MULES, BURROS, AND DONKEYS—Con.					
Counties, 1997—Con.					
Madison	15	28	2	(D)	(D)
Mahaska	13	22	–	–	–
Marion	19	63	4	7	(D)
Marshall	10	42	1	(D)	(D)
Mills	4	11	–	–	–
Mitchell	4	5	–	–	–
Monona	7	46	1	(D)	(D)
Monroe	17	44	3	5	(D)
Montgomery	4	18	3	8	2
Muscatine	7	30	4	8	6
Osceola	3	8	2	(D)	(D)
Page	6	10	2	(D)	(D)
Palo Alto	3	8	–	–	–
Plymouth	13	20	–	–	–
Pocahontas	5	5	1	(D)	(D)
Polk	8	19	–	–	–
Pottawattamie	19	40	1	(D)	(D)
Poweshiek	7	29	1	(D)	(D)
Ringgold	7	19	–	–	–
Sac	5	7	–	–	–
Story	3	4	–	–	–
Tama	10	35	2	(D)	(D)
Taylor	3	3	–	–	–
Union	14	35	–	–	–
Van Buren	5	9	1	(D)	(D)
Wapello	9	43	1	(D)	(D)
Warren	33	118	8	13	3
Washington	9	23	5	8	7
Wayne	8	12	–	–	–
Webster	8	51	4	15	7
Winnebago	8	23	1	(D)	(D)
Winneshiek	15	45	2	(D)	(D)
Woodbury	9	25	–	–	–
Wright	5	(D)	2	(D)	(D)
All other counties	18	41	3	9	1
GOATS, TOTAL					
State Total					
Iowa 1997	955	12 275	379	5 043	(NA)
1992	974	11 784	345	4 494	(NA)
Counties, 1997					
Adair	10	100	3	17	(NA)
Adams	3	5	–	–	(NA)
Allamakee	13	1 023	5	245	(NA)
Appanoose	19	179	7	38	(NA)
Audubon	3	(D)	–	–	(NA)
Benton	12	58	6	25	(NA)
Black Hawk	10	118	5	39	(NA)
Boone	14	223	4	45	(NA)
Bremer	16	235	8	77	(NA)
Buchanan	16	279	9	59	(NA)
Buena Vista	3	3	–	–	(NA)
Butler	12	531	5	69	(NA)
Calhoun	7	43	3	8	(NA)
Carroll	4	(D)	3	(D)	(NA)
Cass	5	31	3	7	(NA)
Cedar	11	53	3	18	(NA)
Cerro Gordo	8	60	3	(D)	(NA)
Cherokee	11	27	3	11	(NA)
Chickasaw	8	26	1	(D)	(NA)
Clarke	19	149	4	19	(NA)
Clayton	22	502	9	199	(NA)
Clinton	19	134	6	68	(NA)
Crawford	9	251	6	112	(NA)
Dallas	17	178	7	68	(NA)
Davis	8	50	1	(D)	(NA)
Decatur	7	20	3	(D)	(NA)
Delaware	9	(D)	1	(D)	(NA)
Des Moines	7	68	6	35	(NA)
Dickinson	5	7	–	–	(NA)
Dubuque	12	361	4	73	(NA)
Emmet	6	34	5	28	(NA)
Fayette	12	340	4	71	(NA)
Floyd	4	14	1	(D)	(NA)
Franklin	4	28	2	(D)	(NA)
Fremont	8	80	4	22	(NA)
Greene	9	42	3	18	(NA)
Grundy	6	90	2	(D)	(NA)
Guthrie	5	14	–	–	(NA)
Hamilton	5	103	1	(D)	(NA)
Hancock	4	15	3	16	(NA)

Table 25. **Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1997 and 1992**—Con.

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

Geographic area	Inventory		Sales		
	Farms	Number	Farms	Number	Sales ($1,000)
GOATS, TOTAL—Con.					
Counties, 1997—Con.					
Harrison	4	40	3	(D)	(NA)
Henry	9	87	5	62	(NA)
Howard	9	338	2	(D)	(NA)
Ida	7	28	2	(D)	(NA)
Iowa	9	131	3	60	(NA)
Jackson	11	71	4	22	(NA)
Jasper	16	110	8	54	(NA)
Jefferson	18	103	5	41	(NA)
Johnson	21	450	6	80	(NA)
Jones	4	47	2	(D)	(NA)
Keokuk	8	195	5	89	(NA)
Kossuth	5	11	1	(D)	(NA)
Lee	9	46	5	36	(NA)
Linn	25	234	10	110	(NA)
Louisa	10	144	5	72	(NA)
Lucas	13	128	5	53	(NA)
Lyon	8	29	7	42	(NA)
Madison	13	99	7	31	(NA)
Mahaska	10	67	3	27	(NA)
Marion	19	135	7	71	(NA)
Marshall	9	63	5	31	(NA)
Mills	7	98	2	(D)	(NA)
Mitchell	4	20	–	–	(NA)
Monona	4	14	1	(D)	(NA)
Monroe	7	63	5	34	(NA)
Montgomery	3	(D)	2	(D)	(NA)
Muscatine	15	131	7	29	(NA)
O'Brien	5	17	2	(D)	(NA)
Page	7	50	5	29	(NA)
Palo Alto	3	(D)	1	(D)	(NA)
Plymouth	8	68	5	76	(NA)
Polk	11	49	5	(D)	(NA)
Pottawattamie	14	64	6	25	(NA)
Poweshiek	8	68	5	40	(NA)
Ringgold	11	49	2	(D)	(NA)
Sac	6	25	2	(D)	(NA)
Scott	14	108	3	(D)	(NA)
Shelby	5	50	1	(D)	(NA)
Sioux	6	105	2	(D)	(NA)
Story	15	247	10	74	(NA)
Tama	18	385	11	177	(NA)
Taylor	7	75	4	66	(NA)
Union	9	241	4	22	(NA)
Van Buren	15	52	5	13	(NA)
Wapello	11	139	2	(D)	(NA)
Warren	20	181	8	89	(NA)
Washington	23	582	8	89	(NA)
Wayne	12	128	6	41	(NA)
Webster	6	39	6	30	(NA)
Winnebago	7	61	2	(D)	(NA)
Winneshiek	22	429	3	149	(NA)
Woodbury	15	101	5	65	(NA)
Wright	8	175	2	(D)	(NA)
All other counties	10	83	4	30	(NA)
GOATS, EXCEPT ANGORA AND MILK					
State Total					
Iowa 1997	729	6 029	282	3 239	132
1992	719	4 410	255	2 567	99
Counties, 1997					
Adair	7	(D)	2	(D)	(D)
Adams	3	5	–	–	–
Allamakee	5	(D)	2	(D)	(D)
Appanoose	11	63	6	26	1
Audubon	3	(D)	–	–	–
Benton	12	58	6	25	1
Black Hawk	8	61	3	(D)	1
Boone	11	131	2	(D)	(D)
Bremer	11	70	5	19	1
Buchanan	12	116	8	(D)	1
Butler	8	37	3	(D)	(Z)
Calhoun	3	22	–	–	–
Carroll	4	(D)	3	(D)	(D)
Cass	4	(D)	3	7	(D)
Cedar	9	(D)	3	18	1
Cerro Gordo	7	(D)	2	(D)	(D)
Cherokee	7	16	2	(D)	(D)
Chickasaw	7	(D)	1	(D)	(D)
Clarke	11	97	3	(D)	(Z)
Clayton	18	348	6	(D)	1

Table 25. **Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1997 and 1992**—Con.

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

Geographic area	Inventory		Sales		
	Farms	Number	Farms	Number	Sales ($1,000)
GOATS, EXCEPT ANGORA AND MILK—Con.					
Counties, 1997—Con.					
Clinton	16	81	5	(D)	1
Crawford	8	44	5	(D)	2
Dallas	14	72	5	16	1
Davis	8	31	1	(D)	(D)
Decatur	5	(D)	3	(D)	(D)
Delaware	7	25	–	–	–
Des Moines	6	(D)	5	(D)	1
Dickinson	5	7	–	–	–
Dubuque	5	(D)	3	(D)	(D)
Emmet	5	(D)	4	(D)	1
Fayette	4	(D)	2	(D)	(D)
Floyd	3	(D)	–	–	–
Franklin	4	(D)	2	(D)	(D)
Fremont	7	(D)	2	(D)	(D)
Greene	9	42	3	18	(D)
Grundy	3	(D)	2	(D)	(D)
Guthrie	3	8	–	–	–
Hamilton	5	(D)	–	–	–
Hancock	4	15	3	16	(D)
Henry	7	65	4	(D)	3
Howard	6	(D)	1	(D)	(D)
Ida	5	24	2	(D)	(D)
Iowa	4	27	1	(D)	(D)
Jackson	11	71	3	(D)	(Z)
Jasper	14	(D)	6	(D)	1
Jefferson	16	(D)	5	41	2
Johnson	13	(D)	3	(D)	(D)
Jones	3	(D)	2	(D)	(D)
Keokuk	7	184	5	(D)	2
Kossuth	5	11	–	–	–
Lee	8	(D)	5	(D)	1
Linn	18	181	6	82	4
Louisa	7	132	4	(D)	3
Lucas	9	118	4	(D)	1
Lyon	8	29	7	42	1
Madison	11	(D)	5	(D)	1
Mahaska	6	57	2	(D)	(D)
Marion	15	90	3	(D)	(D)
Marshall	7	(D)	5	31	(D)
Mills	4	68	1	(D)	(D)
Mitchell	4	20	–	–	–
Monona	4	(D)	1	(D)	(D)
Monroe	7	63	5	34	1
Montgomery	3	(D)	2	(D)	(D)
Muscatine	15	109	6	(D)	1
O'Brien	5	17	2	(D)	(D)
Page	5	(D)	3	(D)	1
Plymouth	4	39	3	(D)	(D)
Polk	7	40	4	(D)	9
Pottawattamie	12	53	6	25	1
Poweshiek	7	(D)	5	40	2
Ringgold	9	(D)	1	(D)	(D)
Sac	6	25	2	(D)	(D)
Scott	11	40	–	–	–
Shelby	5	(D)	1	(D)	(D)
Sioux	5	(D)	2	(D)	(D)
Story	12	223	7	30	1
Tama	14	228	9	(D)	6
Taylor	6	(D)	4	66	(D)
Union	5	(D)	2	(D)	(D)
Van Buren	12	39	3	(D)	(Z)
Wapello	8	(D)	–	–	–
Warren	19	(D)	7	(D)	2
Washington	16	207	7	(D)	3
Wayne	11	(D)	5	(D)	1
Webster	6	39	6	30	1
Winnebago	5	(D)	1	(D)	(D)
Winneshiek	9	(D)	–	–	–
Woodbury	13	63	4	(D)	(D)
Wright	6	(D)	1	(D)	(D)
All other counties	12	36	4	14	1
RABBITS AND THEIR PELTS					
State Total					
Iowa 1997	393	7 325	109	14 735	97
1992	426	10 269	137	23 967	147
Counties, 1997					
Allamakee	4	13	–	–	–
Appanoose	4	29	2	(D)	(D)
Benton	7	39	2	(D)	(D)
Black Hawk	4	25	–	–	–
Boone	7	33	1	(D)	(D)
Bremer	3	15	2	(D)	(D)
Buchanan	5	53	1	(D)	(D)
Butler	9	246	5	328	1
Calhoun	4	14	1	(D)	(D)
Cass	3	10	–	–	–

Table 25. Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1997 and 1992—Con.

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

Geographic area	Inventory		Sales		
	Farms	Number	Farms	Number	Sales ($1,000)
RABBITS AND THEIR PELTS—Con.					
Counties, 1997—Con.					
Cedar	3	(D)	2	(D)	(D)
Cerro Gordo	3	(D)	2	(D)	(D)
Cherokee	4	35	–	–	–
Chickasaw	3	6	–	–	–
Clarke	6	(D)	2	(D)	(D)
Clay	5	32	1	(D)	(D)
Clayton	7	85	1	(D)	(D)
Clinton	8	117	1	(D)	(D)
Crawford	7	504	3	(D)	(D)
Dallas	4	16	–	–	–
Davis	3	(D)	1	(D)	(D)
Decatur	5	62	4	(D)	(D)
Delaware	3	(D)	2	(D)	(D)
Des Moines	3	36	3	(D)	(D)
Dubuque	5	58	1	(D)	(D)
Greene	3	16	–	–	–
Guthrie	6	16	1	(D)	(D)
Hamilton	3	5	–	–	–
Hancock	4	(D)	–	–	–
Hardin	3	5	–	–	–
Harrison	3	24	1	(D)	(D)
Henry	9	160	3	(D)	(D)
Howard	11	174	5	31	(Z)
Ida	4	82	1	(D)	(D)
Jasper	5	36	2	(D)	(D)
Jefferson	6	312	2	(D)	(D)
Johnson	9	114	3	70	(Z)
Jones	4	116	1	(D)	(D)
Kossuth	5	18	–	–	–
Linn	6	(D)	4	(D)	(D)
Lucas	11	49	1	(D)	(D)
Lyon	6	161	2	(D)	(D)
Madison	4	(D)	–	–	–
Marion	10	114	4	32	(Z)
Marshall	7	19	–	–	–
Mitchell	3	23	–	–	–
Monona	3	(D)	–	–	–
Monroe	5	32	–	–	–
Montgomery	6	116	2	(D)	(D)
Muscatine	8	49	1	(D)	(D)
O'Brien	4	233	4	(D)	(D)
Osceola	4	(D)	–	–	–
Pottawattamie	6	21	–	–	–
Ringgold	5	12	–	–	–
Sac	4	(D)	3	350	3
Scott	5	294	5	565	(D)
Shelby	3	(D)	1	(D)	(D)
Sioux	3	(D)	–	–	–
Story	4	27	2	(D)	(D)
Tama	7	(D)	3	(D)	(D)
Taylor	4	31	1	(D)	(D)
Union	3	8	–	–	–
Van Buren	7	16	1	(D)	(D)
Warren	7	50	–	–	–
Wayne	7	34	3	7	(Z)
Webster	7	75	1	(D)	(D)
Winneshiek	3	(D)	1	(D)	(D)
Woodbury	5	33	1	(D)	(D)
Wright	5	34	2	(D)	(D)
All other counties	37	344	11	415	4
OTHER LIVESTOCK AND LIVESTOCK PRODUCTS					
State Total					
Iowa 1997	308	(X)	158	(X)	4 647
1992	149	(X)	127	(X)	1 990
Counties, 1997					
Adams	3	(X)	–	(X)	–
Allamakee	6	(X)	3	(X)	(D)
Benton	3	(X)	1	(X)	(D)
Black Hawk	4	(X)	3	(X)	(D)
Boone	7	(X)	6	(X)	62
Bremer	8	(X)	7	(X)	52
Buchanan	5	(X)	4	(X)	(D)
Buena Vista	3	(X)	–	(X)	–
Butler	3	(X)	3	(X)	55
Cedar	4	(X)	1	(X)	(D)
Cerro Gordo	3	(X)	2	(X)	(D)
Chickasaw	7	(X)	4	(X)	97
Clayton	7	(X)	2	(X)	(D)
Clinton	1	(X)	3	(X)	(D)
Dallas	7	(X)	2	(X)	(D)
Des Moines	4	(X)	2	(X)	(D)
Dubuque	7	(X)	4	(X)	21
Emmet	3	(X)	1	(X)	(D)
Fayette	3	(X)	2	(X)	(D)
Floyd	4	(X)	1	(X)	(D)

Table 25. **Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1997 and 1992**—Con.

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

Geographic area	Inventory		Sales		
	Farms	Number	Farms	Number	Sales ($1,000)
OTHER LIVESTOCK AND LIVESTOCK PRODUCTS—Con.					
Counties, 1997—Con.					
Franklin	5	(X)	4	(X)	4
Fremont	3	(X)	–	(X)	–
Hardin	5	(X)	3	(X)	(D)
Howard	4	(X)	2	(X)	(D)
Humboldt	3	(X)	1	(X)	(D)
Ida	4	(X)	2	(X)	(D)
Iowa	3	(X)	2	(X)	(D)
Jackson	9	(X)	3	(X)	23
Johnson	10	(X)	6	(X)	(D)
Jones	3	(X)	1	(X)	(D)
Keokuk	3	(X)	4	(X)	(D)
Kossuth	7	(X)	7	(X)	330
Lee	4	(X)	3	(X)	(D)
Linn	4	(X)	3	(X)	18
Louisa	5	(X)	4	(X)	8
Madison	3	(X)	–	(X)	–
Mahaska	5	(X)	3	(X)	225
Marion	2	(X)	3	(X)	15
Marshall	4	(X)	–	(X)	–
Mitchell	6	(X)	5	(X)	86
Monona	3	(X)	–	(X)	–
Monroe	6	(X)	2	(X)	(D)
Muscatine	6	(X)	3	(X)	(D)
O'Brien	3	(X)	1	(X)	(D)
Page	4	(X)	–	(X)	–
Plymouth	4	(X)	3	(X)	(D)
Polk	4	(X)	3	(X)	11
Pottawattamie	4	(X)	1	(X)	(D)
Story	3	(X)	–	(X)	–
Tama	8	(X)	5	(X)	72
Warren	7	(X)	2	(X)	(D)
Washington	5	(X)	3	(X)	3
Wayne	5	(X)	1	(X)	(D)
Winneshiek	3	(X)	1	(X)	(D)
Woodbury	5	(X)	3	(X)	12
Worth	3	(X)	3	(X)	(D)
All other counties	51	(X)	20	(X)	2 110

Table 26. **Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1997 and 1992**

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
CORN FOR GRAIN OR SEED (BUSHELS)										
State Total										
Iowa	61 860	11 595 308	1 537 482 128	440	77 831	72 756	12 512 815	1 754 149 889	449	77 138
Counties										
Adair	543	93 873	10 829 372	2	(D)	677	102 811	13 502 866	1	(D)
Adams	338	54 227	6 247 399	–	–	451	60 843	7 769 782	–	–
Allamakee	584	63 619	8 273 034	–	–	689	70 111	8 601 752	–	–
Appanoose	309	27 217	3 290 397	1	(D)	396	30 657	3 441 291	2	(D)
Audubon	468	103 274	12 811 212	–	–	575	110 355	15 543 035	1	(D)
Benton	866	166 702	23 422 374	–	–	1 036	178 600	24 399 018	1	(D)
Black Hawk	722	131 973	17 572 621	3	265	849	151 856	22 483 724	4	277
Boone	632	140 660	20 115 217	2	(D)	724	144 447	22 148 282	–	–
Bremer	713	105 948	14 824 642	4	182	835	117 562	17 369 527	3	220
Buchanan	859	156 792	20 690 445	1	(D)	975	176 119	25 272 487	3	130
Buena Vista	714	158 339	22 268 695	2	(D)	818	154 306	22 561 472	2	(D)
Butler	784	139 450	18 450 766	3	45	889	150 633	21 966 616	3	121
Calhoun	650	149 875	19 749 654	1	(D)	767	153 415	24 359 259	3	291
Carroll	883	151 595	19 662 164	5	391	986	160 115	23 451 686	3	475
Cass	575	114 895	13 311 624	–	–	721	132 785	18 520 747	–	–
Cedar	690	140 111	19 025 852	1	(D)	849	169 694	24 009 947	–	–
Cerro Gordo	563	137 695	19 318 381	1	(D)	681	161 220	22 088 779	1	(D)
Cherokee	704	129 500	17 375 954	–	–	820	140 647	20 294 392	1	(D)
Chickasaw	674	114 215	15 587 474	2	(D)	781	128 632	17 237 293	7	788
Clarke	309	25 691	2 809 247	2	(D)	382	35 482	4 017 143	1	(D)

Table 26. **Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
CORN FOR GRAIN OR SEED (BUSHELS)—Con.										
Counties—Con.										
Clay	508	118 457	15 713 582	4	591	652	134 837	18 952 200	6	554
Clayton	1 082	158 200	20 923 842	1	(D)	1 211	162 965	20 954 330	4	72
Clinton	918	171 357	23 414 391	–	–	1 073	182 501	24 468 631	2	(D)
Crawford	785	160 588	19 657 636	3	150	944	163 348	22 533 198	–	–
Dallas	553	126 098	16 867 647	3	256	661	133 558	19 348 871	5	195
Davis	361	33 647	3 974 152	–	–	478	43 091	5 304 929	1	(D)
Decatur	248	24 834	2 793 028	–	–	293	27 998	3 382 919	–	–
Delaware	1 014	157 975	21 723 080	1	(D)	1 134	176 359	23 820 937	2	(D)
Des Moines	422	68 347	9 334 779	9	1 638	491	72 638	10 239 175	5	700
Dickinson	361	78 518	9 715 927	1	(D)	425	82 755	10 687 952	1	(D)
Dubuque	1 105	116 149	15 465 826	–	–	1 257	124 324	15 917 137	1	(D)
Emmet	393	96 395	13 417 749	2	(D)	467	99 213	13 959 038	1	(D)
Fayette	970	170 723	23 315 159	5	721	1 140	181 493	24 968 718	4	361
Floyd	632	134 011	18 209 619	9	1 366	697	134 445	18 442 786	5	448
Franklin	692	157 682	20 527 021	–	–	785	172 740	26 089 978	1	(D)
Fremont	413	110 761	14 469 622	7	1 143	474	116 365	17 164 062	7	1 230
Greene	612	147 897	20 074 105	6	581	710	155 469	25 097 189	2	(D)
Grundy	602	150 400	20 669 062	–	–	700	157 377	24 257 243	–	–
Guthrie	522	93 504	10 880 772	1	(D)	658	108 494	15 136 795	5	381
Hamilton	632	165 490	23 069 007	1	(D)	729	157 833	24 820 722	1	(D)
Hancock	699	164 212	22 787 740	6	384	812	170 059	24 434 863	3	580
Hardin	653	158 864	20 236 600	2	(D)	792	165 980	26 165 456	1	(D)
Harrison	632	149 889	19 072 729	52	12 170	714	160 373	23 697 759	60	12 002
Henry	499	85 642	11 322 611	1	(D)	556	88 721	12 409 536	–	–
Howard	606	105 511	14 286 924	–	–	676	110 243	12 841 876	1	(D)
Humboldt	510	120 221	17 080 777	–	–	588	132 946	21 056 659	1	(D)
Ida	493	104 446	13 720 056	–	–	591	119 617	17 025 671	–	–
Iowa	614	112 493	14 753 816	–	–	735	126 689	15 437 381	1	(D)
Jackson	787	91 247	11 575 597	2	(D)	902	98 101	11 095 970	4	188
Jasper	834	157 636	21 615 987	1	(D)	981	172 180	24 563 637	4	657
Jefferson	405	61 740	8 058 776	1	(D)	485	69 702	9 295 383	–	–
Johnson	778	98 460	13 131 480	3	(D)	880	113 861	14 789 964	1	(D)
Jones	716	135 485	18 643 910	1	(D)	830	144 168	18 741 223	2	(D)
Keokuk	588	98 836	13 620 395	–	–	695	114 181	14 649 702	1	(D)
Kossuth	1 201	278 774	39 434 946	5	402	1 435	302 923	45 409 171	3	504
Lee	496	74 928	10 047 204	3	(D)	593	83 928	11 753 910	5	1 104
Linn	877	128 793	17 834 588	2	(D)	1 038	142 449	19 338 493	4	(D)
Louisa	382	75 216	9 413 450	20	2 677	434	80 765	10 802 648	18	2 927
Lucas	278	23 535	2 903 555	–	–	298	27 861	3 335 836	–	–
Lyon	850	141 720	18 010 906	5	344	923	144 479	18 493 448	9	731
Madison	520	68 946	8 287 469	–	–	660	74 784	10 045 059	–	–
Mahaska	681	117 711	15 931 605	1	(D)	800	123 143	17 119 766	1	(D)
Marion	526	77 621	9 769 902	–	–	667	79 467	10 441 414	1	(D)
Marshall	614	130 504	17 459 458	–	–	745	149 890	22 158 940	–	–
Mills	348	87 047	11 355 107	2	(D)	424	99 293	14 904 460	2	(D)
Mitchell	627	121 677	17 520 175	2	(D)	667	126 071	16 498 024	–	–
Monona	515	140 004	16 747 695	91	28 019	647	161 113	22 148 419	104	26 123
Monroe	311	27 028	3 303 128	–	–	335	27 399	3 039 084	–	–
Montgomery	401	80 630	10 422 485	–	–	494	84 282	12 176 184	–	–
Muscatine	503	86 570	10 895 561	24	3 065	589	92 569	12 401 552	21	2 138
O'Brien	816	152 787	20 691 261	–	–	948	156 380	21 602 540	1	(D)
Osceola	531	103 308	12 776 047	7	439	619	110 386	14 268 380	4	493
Page	537	90 619	11 625 835	2	(D)	699	100 327	14 180 949	–	–
Palo Alto	636	145 977	20 192 212	23	2 803	725	154 748	22 770 028	21	3 168
Plymouth	1 104	205 499	25 290 584	7	1 185	1 232	223 661	30 908 110	6	1 595
Pocahontas	703	163 570	23 291 520	2	(D)	829	165 258	25 063 386	2	(D)
Polk	442	90 408	13 423 582	–	–	534	97 081	14 878 392	1	(D)
Pottawattamie	957	217 327	27 608 524	8	1 685	1 128	242 311	36 053 220	14	2 555
Poweshiek	607	108 723	14 714 637	1	(D)	712	122 666	15 842 341	–	–
Ringgold	318	37 393	3 916 927	–	–	419	47 187	5 502 285	–	–
Sac	659	145 454	19 097 215	2	(D)	800	154 463	22 931 866	4	516
Scott	585	114 405	15 877 875	–	–	695	128 200	18 175 509	2	(D)
Shelby	748	151 012	18 995 077	–	–	897	175 692	24 218 298	2	(D)
Sioux	1 277	221 167	29 821 449	40	5 479	1 473	237 825	32 900 770	29	4 475
Story	705	153 984	21 728 167	4	150	784	151 920	23 212 655	2	(D)
Tama	794	153 862	20 175 618	–	–	971	174 699	24 071 148	2	(D)
Taylor	402	55 711	6 284 662	–	–	528	66 630	8 014 094	–	–
Union	346	40 234	4 538 654	3	(D)	437	49 369	6 143 927	–	–
Van Buren	396	44 270	5 537 637	–	–	463	44 565	5 768 183	2	(D)
Wapello	331	48 851	6 408 454	–	–	406	51 736	6 815 170	–	–
Warren	541	69 439	9 036 378	1	(D)	694	79 661	10 284 074	–	–
Washington	731	115 938	15 924 901	2	(D)	812	127 681	16 655 738	–	–
Wayne	340	42 337	4 448 082	1	(D)	435	52 001	6 003 312	–	–
Webster	762	183 897	25 972 338	1	(D)	883	181 453	28 419 824	1	(D)
Winnebago	438	118 378	16 976 038	–	–	530	121 575	17 000 885	–	–
Winneshiek	964	116 778	15 888 053	3	(D)	1 158	121 761	14 463 240	–	–
Woodbury	808	186 237	21 430 318	24	4 211	859	192 504	26 663 576	15	4 613
Worth	433	102 966	14 324 472	2	(D)	504	108 012	14 258 316	5	479
Wright	600	162 707	22 388 449	–	–	716	167 733	26 222 277	–	–
SORGHUM FOR GRAIN OR SEED (BUSHELS)										
State Total										
Iowa	52	1 177	84 584	–	–	105	5 515	402 252	2	(D)

Table 26. **Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
SORGHUM FOR GRAIN OR SEED (BUSHELS)—Con.										
Counties										
Adams	3	26	1 400	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Boone	5	75	6 681	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Johnson	9	149	5 170	–	–	5	265	20 675	–	–
All other counties	35	927	71 333	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
WHEAT FOR GRAIN, TOTAL (SEE TEXT) (BUSHELS)										
State Total										
Iowa	719	22 123	905 333	–	–	970	30 072	1 183 472	1	(D)
Counties										
Adams	5	105	3 457	–	–	4	(D)	(D)	–	–
Allamakee	4	36	1 959	–	–	5	80	2 984	–	–
Appanoose	7	174	7 270	–	–	9	765	24 870	–	–
Benton	4	245	9 468	–	–	5	108	5 177	–	–
Bremer	3	(D)	2 452	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Buchanan	9	155	8 873	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Butler	4	272	6 825	–	–	3	110	4 100	–	–
Carroll	3	114	5 160	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Cass	3	(D)	(D)	–	–	6	141	4 690	–	–
Cedar	13	327	15 297	–	–	10	184	8 170	–	–
Cherokee	4	59	1 934	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Chickasaw	3	57	1 725	–	–	7	214	8 495	–	–
Clarke	6	144	4 063	–	–	3	25	(D)	–	–
Clayton	7	272	12 890	–	–	12	175	7 435	–	–
Clinton	8	90	4 373	–	–	11	231	8 740	–	–
Crawford	4	87	3 000	–	–	7	209	8 278	–	–
Dallas	5	158	4 640	–	–	8	223	10 362	–	–
Davis	17	324	13 352	–	–	32	937	35 489	–	–
Decatur	6	218	7 134	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Delaware	6	118	6 660	–	–	5	157	7 235	–	–
Des Moines	31	574	30 653	–	–	40	1 112	51 010	–	–
Dubuque	8	89	2 590	–	–	16	298	12 138	–	–
Fayette	4	93	2 990	–	–	4	34	980	–	–
Floyd	3	85	6 000	–	–	–	–	–	–	–
Franklin	3	(D)	7 065	–	–	3	(D)	(D)	–	–
Fremont	14	372	12 973	–	–	18	1 304	41 717	–	–
Grundy	4	144	6 907	–	–	4	(D)	1 173	–	–
Guthrie	3	120	1 420	–	–	4	185	4 350	–	–
Harrison	12	474	16 546	–	–	20	494	17 074	–	–
Henry	14	599	31 766	–	–	21	1 013	46 440	–	–
Howard	5	206	10 735	–	–	3	(D)	(D)	1	(D)
Iowa	7	427	22 465	–	–	7	97	3 511	–	–
Jackson	12	387	14 020	–	–	21	861	29 691	–	–
Jefferson	30	866	39 440	–	–	48	1 744	50 461	–	–
Johnson	25	1 116	57 974	–	–	18	838	41 651	–	–
Keokuk	12	273	13 949	–	–	30	826	39 213	–	–
Lee	90	2 057	102 235	–	–	131	3 282	129 937	–	–
Linn	10	412	17 663	–	–	6	153	6 545	–	–
Louisa	20	298	12 915	–	–	18	606	27 881	–	–
Lucas	4	311	8 480	–	–	7	82	3 230	–	–
Lyon	11	336	10 980	–	–	3	65	(D)	–	–
Madison	6	204	5 498	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Mahaska	4	131	5 660	–	–	4	91	(D)	–	–
Marion	7	199	7 850	–	–	7	254	8 495	–	–
Marshall	5	46	1 855	–	–	6	80	3 390	–	–
Mills	14	588	19 193	–	–	12	309	9 745	–	–
Monona	7	457	12 282	–	–	19	1 214	43 068	–	–
Monroe	8	280	6 022	–	–	8	346	19 105	–	–
Montgomery	3	(D)	(D)	–	–	5	383	6 690	–	–
Muscatine	15	333	13 798	–	–	9	199	6 767	–	–
Page	14	390	13 802	–	–	28	906	22 892	–	–
Polk	4	93	4 381	–	–	3	81	2 675	–	–
Pottawattamie	13	422	18 827	–	–	14	287	9 927	–	–
Poweshiek	4	70	2 460	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Ringgold	8	273	6 082	–	–	11	445	15 877	–	–
Sac	3	143	5 708	–	–	11	264	10 286	–	–
Scott	8	149	7 029	–	–	5	107	3 922	–	–
Shelby	4	112	4 780	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Sioux	13	374	17 243	–	–	3	167	8 482	–	–
Story	6	78	3 992	–	–	9	167	11 323	–	–
Taylor	17	616	19 209	–	–	15	543	15 372	–	–
Union	4	166	5 680	–	–	3	96	4 132	–	–
Van Buren	13	232	8 088	–	–	73	1 510	65 243	–	–
Wapello	11	199	8 940	–	–	11	676	18 398	–	–
Warren	4	88	2 234	–	–	5	62	2 780	–	–
Washington	33	973	44 799	–	–	44	900	42 135	–	–
Wayne	15	1 141	37 588	–	–	6	580	33 820	–	–
Winneshiek	5	541	(D)	–	–	5	84	3 795	–	–
Woodbury	6	342	11 210	–	–	5	375	10 040	–	–
All other counties	22	757	33 227	–	–	(NA)	(NA)	(NA)	(NA)	(NA)

Table 26. **Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
BARLEY FOR GRAIN (BUSHELS)										
State Total										
Iowa	245	4 807	260 264	–	–	314	6 725	356 449	9	465
Counties										
Allamakee	20	432	19 850	–	–	28	440	22 320	–	–
Benton	3	23	1 320	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Buchanan	6	30	1 530	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Cherokee	5	63	4 130	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Chickasaw	5	50	2 580	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Clayton	19	449	28 355	–	–	27	575	30 252	–	–
Delaware	11	247	14 542	–	–	11	207	9 333	–	–
Dubuque	25	446	24 674	–	–	62	1 108	62 240	–	–
Fayette	18	517	24 863	–	–	17	424	21 730	–	–
Howard	6	69	3 333	–	–	7	189	9 760	–	–
Ida	13	345	20 860	–	–	12	212	16 700	–	–
Jackson	6	205	9 500	–	–	3	65	3 280	–	–
O'Brien	9	137	9 634	–	–	3	56	4 860	–	–
Plymouth	3	70	(D)	–	–	7	577	30 975	1	(D)
Sac	6	220	12 380	–	–	4	180	6 400	–	–
Winneshiek	59	846	46 248	–	–	72	1 445	70 842	–	–
All other counties	31	658	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
OATS FOR GRAIN (BUSHELS)										
State Total										
Iowa	10 823	211 985	14 293 977	2	(D)	17 854	368 086	23 246 559	20	545
Counties										
Adair	122	2 923	164 436	–	–	225	5 205	301 383	–	–
Adams	62	1 729	114 992	–	–	99	2 221	113 333	–	–
Allamakee	293	7 492	463 530	–	–	475	11 548	616 645	–	–
Appanoose	33	586	34 128	–	–	47	1 139	56 604	–	–
Audubon	75	1 411	94 229	–	–	173	3 579	267 379	–	–
Benton	200	3 635	275 276	–	–	314	6 192	385 668	–	–
Black Hawk	68	1 229	87 181	–	–	164	2 978	195 317	–	–
Boone	59	1 224	91 400	–	–	94	1 880	120 770	–	–
Bremer	132	1 960	134 574	–	–	240	4 205	288 626	–	–
Buchanan	236	3 731	256 636	–	–	293	4 780	318 318	1	(D)
Buena Vista	89	1 448	124 509	–	–	137	2 352	188 218	–	–
Butler	136	2 416	169 730	–	–	255	4 571	313 926	–	–
Calhoun	64	885	73 896	–	–	108	2 337	185 505	–	–
Carroll	150	2 324	186 174	–	–	284	4 933	408 920	–	–
Cass	80	1 607	87 746	–	–	159	2 846	161 654	–	–
Cedar	145	2 171	162 322	–	–	238	3 859	249 854	–	–
Cerro Gordo	76	1 301	95 053	–	–	126	2 473	171 401	1	(D)
Cherokee	80	1 190	95 267	–	–	138	2 239	195 340	–	–
Chickasaw	154	2 482	163 057	–	–	263	5 061	309 788	–	–
Clarke	74	1 701	87 732	–	–	106	2 932	115 244	1	(D)
Clay	38	649	45 468	–	–	46	1 052	81 046	–	–
Clayton	474	10 503	667 379	–	–	656	14 521	881 290	2	(D)
Clinton	210	3 554	241 640	–	–	326	5 229	306 125	–	–
Crawford	124	2 235	156 987	–	–	318	7 373	541 308	–	–
Dallas	40	886	65 141	–	–	58	1 210	77 140	–	–
Davis	115	1 850	96 930	–	–	109	1 776	79 201	–	–
Decatur	31	752	40 269	–	–	21	452	24 880	–	–
Delaware	298	6 268	410 873	–	–	502	10 952	664 701	2	(D)
Des Moines	33	419	32 037	–	–	49	909	40 532	–	–
Dickinson	24	409	30 679	–	–	51	1 122	92 038	–	–
Dubuque	486	10 651	684 767	–	–	741	16 766	917 340	–	–
Emmet	28	360	23 537	–	–	40	489	40 128	–	–
Fayette	307	6 386	420 241	–	–	491	10 446	661 640	1	(D)
Floyd	82	1 728	116 203	–	–	149	2 638	180 420	–	–
Franklin	66	1 050	71 818	–	–	121	2 403	189 891	–	–
Fremont	7	97	6 224	–	–	12	349	22 706	–	–
Greene	47	652	48 736	–	–	89	1 372	102 203	–	–
Grundy	55	1 032	81 105	–	–	138	2 193	164 046	–	–
Guthrie	91	1 855	118 338	–	–	171	3 347	191 294	–	–
Hamilton	41	791	60 860	–	–	64	1 018	74 972	–	–
Hancock	66	887	61 818	–	–	132	2 159	173 059	–	–
Hardin	43	682	51 139	–	–	87	1 511	107 508	–	–
Harrison	31	477	32 574	–	–	82	1 868	121 431	–	–
Henry	64	995	73 738	–	–	74	1 201	68 066	–	–
Howard	165	3 137	215 038	–	–	243	5 158	316 453	–	–
Humboldt	33	440	34 905	–	–	67	1 181	91 067	–	–
Ida	64	1 175	86 328	–	–	179	3 512	291 997	1	(D)
Iowa	167	3 601	261 835	–	–	259	6 159	338 214	2	(D)
Jackson	370	8 205	531 135	1	(D)	491	11 068	577 991	3	56
Jasper	161	3 668	242 757	–	–	313	7 042	447 956	–	–
Jefferson	96	1 787	104 230	–	–	113	2 366	106 731	–	–
Johnson	249	5 060	346 153	–	–	352	7 917	449 934	–	–
Jones	185	4 069	239 383	–	–	341	7 599	415 520	–	–
Keokuk	99	2 121	137 785	–	–	138	2 575	139 713	–	–
Kossuth	125	1 667	126 349	–	–	216	3 184	254 803	–	–
Lee	57	783	49 481	–	–	79	1 146	56 260	–	–
Linn	211	3 903	273 494	–	–	331	6 810	401 075	–	–
Louisa	40	660	48 156	–	–	55	725	37 971	–	–
Lucas	70	1 599	97 986	–	–	76	2 501	134 749	–	–
Lyon	127	2 443	188 765	–	–	247	4 689	375 054	2	(D)

Table 26. **Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
OATS FOR GRAIN (BUSHELS)—Con.										
Counties—Con.										
Madison	63	1 225	68 586	–	–	114	2 078	124 046	–	–
Mahaska	130	2 362	172 213	–	–	222	3 902	227 887	–	–
Marion	105	2 184	146 320	–	–	162	3 250	188 947	–	–
Marshall	52	963	69 749	–	–	126	2 356	153 534	–	–
Mills	18	374	24 397	–	–	38	939	57 241	–	–
Mitchell	154	3 355	255 537	–	–	208	4 902	332 992	–	–
Monona	38	1 001	70 362	–	–	97	2 392	183 299	1	(D)
Monroe	39	907	68 377	–	–	46	1 279	60 446	–	–
Montgomery	25	590	39 752	–	–	61	1 196	68 673	–	–
Muscatine	117	2 076	142 806	–	–	135	2 637	148 021	–	–
O'Brien	83	874	75 884	–	–	147	1 981	167 645	–	–
Osceola	54	859	71 130	1	(D)	107	1 671	151 919	–	–
Page	39	851	46 566	–	–	82	1 874	104 535	–	–
Palo Alto	53	1 051	76 188	–	–	101	1 752	142 614	–	–
Plymouth	180	3 820	278 996	–	–	371	9 704	720 220	1	(D)
Pocahontas	52	842	69 278	–	–	82	1 414	112 033	–	–
Polk	22	435	28 390	–	–	63	1 035	63 054	–	–
Pottawattamie	57	1 467	98 944	–	–	176	4 069	280 524	–	–
Poweshiek	165	3 609	246 498	–	–	284	7 158	390 718	–	–
Ringgold	70	1 971	106 689	–	–	83	2 919	135 375	–	–
Sac	110	1 980	139 693	–	–	182	3 597	304 168	–	–
Scott	116	1 613	135 561	–	–	162	2 482	166 606	–	–
Shelby	108	2 158	168 691	–	–	298	6 128	452 754	–	–
Sioux	123	2 329	190 048	–	–	289	6 476	532 378	–	–
Story	57	804	60 090	–	–	68	901	48 203	–	–
Tama	156	2 437	163 720	–	–	249	4 545	251 471	–	–
Taylor	52	1 428	73 925	–	–	86	2 088	102 207	–	–
Union	95	2 894	158 143	–	–	122	3 395	188 747	1	(D)
Van Buren	71	1 163	71 813	–	–	98	1 612	68 263	–	–
Wapello	48	1 113	91 043	–	–	53	1 042	58 079	–	–
Warren	75	1 261	74 212	–	–	103	1 838	87 381	–	–
Washington	150	2 492	176 073	–	–	217	4 421	232 375	–	–
Wayne	63	1 607	70 613	–	–	58	1 579	64 174	1	(D)
Webster	47	1 182	87 895	–	–	96	2 085	133 138	–	–
Winnebago	68	1 218	85 972	–	–	85	1 220	87 876	–	–
Winneshiek	436	9 128	569 231	–	–	673	15 039	816 162	–	–
Woodbury	77	1 616	113 371	–	–	176	5 415	461 645	–	–
Worth	78	1 384	92 260	–	–	119	1 733	122 622	–	–
Wright	29	431	30 812	–	–	50	664	52 241	–	–
POPCORN (POUNDS, SHELLED)										
State Total										
Iowa	188	12 368	34 717 102	8	521	372	13 539	42 525 538	11	831
Counties										
Allamakee	5	127	254 000	–	–	9	91	138 520	–	–
Boone	4	206	510 775	–	–	3	14	55 922	–	–
Buchanan	3	3	8 600	–	–	6	(D)	(D)	–	–
Calhoun	3	395	1 378 000	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Crawford	9	978	3 145 180	–	–	20	1 411	5 139 851	–	–
Davis	3	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Decatur	3	109	264 340	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Dubuque	4	24	59 200	–	–	9	58	126 650	–	–
Fayette	5	84	168 000	–	–	15	133	227 600	–	–
Fremont	3	217	(D)	–	–	6	711	2 857 200	–	–
Harrison	13	1 237	3 398 050	2	(D)	20	1 574	4 677 605	3	220
Johnson	5	33	28 225	–	–	5	12	25 150	–	–
Kossuth	3	(D)	(D)	–	–	7	129	323 282	–	–
Monona	19	3 263	7 248 976	1	(D)	19	1 491	5 030 407	2	(D)
Page	3	157	512 000	–	–	3	80	199 920	–	–
Plymouth	6	160	548 774	–	–	11	360	(D)	–	–
Polk	4	(D)	(D)	–	–	3	125	(D)	–	–
Pottawattamie	3	(D)	(D)	–	–	8	345	1 461 300	2	(D)
Ringgold	5	486	1 232 500	–	–	4	(D)	(D)	–	–
Sac	12	1 583	4 461 703	–	–	23	1 616	5 988 290	1	(D)
Sioux	5	135	512 276	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Washington	4	7	10 600	–	–	6	8	9 000	–	–
Woodbury	9	695	2 352 545	3	220	16	963	4 032 681	1	(D)
All other counties	55	1 922	6 241 128	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
PROSO MILLET (BUSHELS)										
State Total										
Iowa	4	68	1 602	–	–	(NA)	(NA)	(NA)	(NA)	(NA)

Table 26. **Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
RYE FOR GRAIN (BUSHELS)										
State Total										
Iowa	88	1 621	55 205	3	37	101	1 373	41 686	5	90
Counties										
Buchanan	3	19	465	–	–	–	–	–	–	–
Clinton	3	20	482	–	–	7	61	2 385	–	–
Crawford	3	40	1 940	–	–	–	–	–	–	–
Dubuque	3	70	(D)	–	–	–	–	–	–	–
Iowa	5	45	1 421	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Jackson	6	66	1 739	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Lee	3	11	123	–	–	5	162	2 450	1	(D)
Louisa	8	233	6 060	–	–	5	140	4 224	1	(D)
Marshall	3	7	135	–	–	–	–	–	–	–
Muscatine	9	395	9 960	1	(D)	10	234	5 195	3	(D)
All other counties	42	715	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)

Table 27. **Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 1997 and 1992**

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
SOYBEANS FOR BEANS (BUSHELS)										
State Total										
Iowa	56 436	9 944 865	445 574 589	294	38 664	59 945	8 243 067	352 590 997	195	26 661
Counties										
Adair	518	88 004	3 423 610	1	(D)	580	65 152	2 643 985	–	–
Adams	335	53 869	2 214 721	–	–	388	42 275	1 662 940	–	–
Allamakee	214	16 742	744 704	–	–	115	4 327	162 674	–	–
Appanoose	316	30 320	1 240 536	–	–	337	24 881	910 574	–	–
Audubon	465	101 724	4 468 600	–	–	521	73 681	3 238 961	–	–
Benton	813	155 595	7 662 847	1	(D)	941	135 331	5 835 440	–	–
Black Hawk	709	111 781	5 255 971	2	(D)	733	94 301	4 231 089	4	259
Boone	625	137 120	6 009 155	1	(D)	667	126 604	5 622 987	–	–
Bremer	647	81 635	3 865 852	2	(D)	688	59 245	2 694 201	1	(D)
Buchanan	783	112 669	5 297 869	–	–	776	79 520	3 486 801	1	(D)
Buena Vista	712	150 291	7 087 488	1	(D)	789	133 787	6 060 492	1	(D)
Butler	767	120 836	5 310 971	4	46	773	88 938	3 984 848	2	(D)
Calhoun	668	153 275	6 719 423	1	(D)	743	145 174	6 444 799	1	(D)
Carroll	863	138 727	6 236 473	3	181	932	122 952	5 511 668	1	(D)
Cass	562	103 593	4 044 482	–	–	652	89 909	3 706 504	–	–
Cedar	640	110 106	5 564 544	–	–	746	83 827	3 682 418	–	–
Cerro Gordo	579	120 639	5 196 050	1	(D)	609	97 497	4 003 973	–	–
Cherokee	696	124 329	5 962 251	–	–	784	108 195	4 915 902	2	(D)
Chickasaw	626	92 579	4 130 167	2	(D)	628	66 195	2 702 009	3	(D)
Clarke	276	26 715	1 098 717	2	(D)	301	22 815	796 250	1	(D)
Clay	532	120 511	5 411 651	3	200	623	121 194	5 232 764	2	(D)
Clayton	410	44 759	2 110 870	3	387	211	17 427	758 889	–	–
Clinton	745	99 452	4 969 010	1	(D)	796	76 478	3 463 361	1	(D)
Crawford	742	144 894	6 396 233	1	(D)	836	101 847	4 346 150	–	–
Dallas	581	126 449	5 296 309	–	–	608	106 710	4 564 019	2	(D)
Davis	345	38 409	1 702 630	–	–	332	27 567	1 112 304	–	–
Decatur	245	28 727	1 250 983	–	–	235	21 608	729 106	–	–
Delaware	634	59 798	3 031 817	–	–	469	28 857	1 266 958	–	–
Des Moines	417	65 171	3 156 027	4	305	455	58 167	2 572 017	–	–
Dickinson	366	80 177	3 188 662	–	–	409	73 268	2 919 157	–	–
Dubuque	269	19 886	978 026	–	–	130	5 817	228 774	–	–
Emmet	381	88 909	3 754 538	–	–	435	85 631	3 590 459	2	(D)
Fayette	757	106 567	4 933 635	–	–	713	71 972	3 009 908	–	–
Floyd	606	116 055	5 016 295	4	389	638	92 524	3 841 602	1	(D)
Franklin	666	136 722	5 543 406	–	–	730	115 613	4 990 597	1	(D)
Fremont	435	116 362	4 914 240	5	427	466	107 307	4 517 695	4	762
Greene	614	146 025	6 527 512	6	578	697	145 964	6 742 552	2	(D)
Grundy	604	133 983	6 594 050	–	–	678	116 583	5 501 079	–	–
Guthrie	509	86 225	3 411 149	1	(D)	587	77 719	3 201 502	5	219
Hamilton	625	149 441	6 576 120	1	(D)	695	131 490	6 051 647	1	(D)

Table 27. **Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
SOYBEANS FOR BEANS (BUSHELS)—Con.										
Counties—Con.										
Hancock	680	136 208	5 650 708	1	(D)	742	113 878	4 586 171	1	(D)
Hardin	637	135 692	5 989 969	–	–	712	108 001	4 924 807	–	–
Harrison	621	143 116	6 050 247	35	8 218	673	121 278	5 291 972	25	5 075
Henry	483	70 786	3 378 591	2	(D)	481	58 009	2 587 985	–	–
Howard	557	92 922	4 004 292	–	–	544	66 955	2 223 899	–	–
Humboldt	498	117 554	5 297 769	–	–	573	112 373	5 104 867	1	(D)
Ida	466	91 543	4 130 035	–	–	561	80 300	3 480 110	–	–
Iowa	573	76 935	3 789 169	1	(D)	575	50 270	1 974 300	–	–
Jackson	271	18 686	905 042	–	–	193	8 890	361 996	–	–
Jasper	790	138 711	6 745 742	–	–	845	104 081	4 646 848	2	(D)
Jefferson	403	62 066	2 764 056	2	(D)	438	52 899	2 231 406	–	–
Johnson	629	76 018	3 596 929	1	(D)	634	57 227	2 318 277	–	–
Jones	553	70 527	3 504 748	–	–	514	45 045	1 902 785	–	–
Keokuk	550	80 464	3 972 982	–	–	592	61 882	2 508 961	–	–
Kossuth	1 172	242 432	10 333 066	2	(D)	1 329	226 397	9 445 398	1	(D)
Lee	458	63 556	3 053 380	2	(D)	537	60 541	2 644 265	3	384
Linn	790	105 898	4 948 400	1	(D)	817	89 318	3 755 015	1	(D)
Louisa	372	65 965	2 957 729	22	1 770	396	55 621	2 358 933	7	856
Lucas	242	24 159	1 052 973	–	–	233	18 711	702 313	–	–
Lyon	837	134 236	6 032 759	1	(D)	882	112 706	4 481 809	5	217
Madison	533	67 246	2 764 953	–	–	556	54 995	2 329 063	–	–
Mahaska	643	94 723	4 584 281	–	–	700	78 645	3 312 531	–	–
Marion	521	71 549	3 205 697	–	–	582	58 986	2 470 255	1	(D)
Marshall	616	120 612	5 965 650	–	–	624	83 474	3 862 406	1	(D)
Mills	369	89 756	3 761 142	1	(D)	410	84 285	3 590 627	1	(D)
Mitchell	586	92 807	4 202 974	1	(D)	563	75 467	2 986 614	–	–
Monona	486	123 734	5 018 939	69	12 700	563	110 765	4 751 636	55	11 514
Monroe	310	26 580	1 164 628	–	–	255	15 675	547 125	–	–
Montgomery	397	79 948	3 481 395	–	–	456	71 154	2 991 085	–	–
Muscatine	462	69 398	3 169 940	20	1 944	487	56 839	2 305 151	14	800
O'Brien	830	155 109	7 274 306	2	(D)	935	145 046	6 237 170	–	–
Osceola	539	104 755	4 385 453	4	268	621	107 196	4 210 212	2	(D)
Page	557	96 650	4 262 924	–	–	672	89 871	3 778 184	–	–
Palo Alto	633	138 121	6 024 714	14	1 289	694	129 639	5 611 434	11	631
Plymouth	1 050	183 410	8 177 213	6	1 006	1 123	151 940	6 697 405	2	(D)
Pocahontas	698	164 947	7 554 633	2	(D)	818	152 808	6 644 547	1	(D)
Polk	448	87 971	4 004 990	–	–	487	81 765	3 571 654	1	(D)
Pottawattamie	923	201 459	8 771 176	2	(D)	1 016	168 779	7 317 541	4	345
Poweshiek	584	97 123	4 615 495	–	–	622	78 149	3 270 771	–	–
Ringgold	344	42 564	1 709 042	–	–	356	33 620	1 201 579	–	–
Sac	642	141 008	6 521 868	1	(D)	762	126 791	5 586 906	–	–
Scott	522	70 605	3 635 063	–	–	562	50 011	2 304 683	–	–
Shelby	716	124 143	5 783 806	–	–	806	95 989	4 131 874	–	–
Sioux	1 213	183 844	8 786 442	22	2 279	1 287	148 868	6 583 633	8	828
Story	688	145 726	6 578 229	2	(D)	737	125 600	5 723 470	1	(D)
Tama	738	130 656	6 185 159	3	(D)	840	100 454	4 257 560	1	(D)
Taylor	440	70 062	2 725 607	–	–	464	51 422	1 917 682	–	–
Union	303	40 063	1 636 565	1	(D)	363	33 191	1 270 116	–	–
Van Buren	365	44 647	2 043 426	–	–	381	36 824	1 511 190	–	–
Wapello	320	51 014	2 332 218	–	–	339	42 352	1 721 757	–	–
Warren	544	67 793	2 935 310	2	(D)	593	56 485	2 275 847	1	(D)
Washington	678	101 882	4 928 949	–	–	705	77 777	3 390 420	–	–
Wayne	343	47 379	1 851 706	1	(D)	355	37 444	1 294 169	–	–
Webster	773	186 828	8 373 468	1	(D)	863	173 398	7 663 843	–	–
Winnebago	420	90 667	3 844 415	–	–	449	71 897	2 794 128	–	–
Winneshiek	556	46 832	2 097 700	1	(D)	348	17 569	609 512	–	–
Woodbury	753	162 550	6 467 355	18	3 289	690	97 748	4 243 826	7	1 507
Worth	431	89 667	3 862 387	1	(D)	464	73 918	2 875 019	–	–
Wright	583	154 492	6 429 191	–	–	680	143 500	6 277 200	–	–
DRY EDIBLE BEANS, EXCLUDING DRY LIMAS (CWT)										
State Total										
Iowa	61	5 847	98 472	1	(D)	13	504	6 820	–	–
Counties										
Buchanan	3	230	4 386	–	–	3	134	3 822	–	–
Buena Vista	3	(D)	522	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Cass	3	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Howard	3	116	2 373	–	–	–	–	–	–	–
Washington	8	245	4 667	–	–	–	–	–	–	–
Winneshiek	3	(D)	(D)	–	–	–	–	–	–	–
All other counties	38	2 049	30 286	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)

Table 27. **Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
POTATOES, EXCLUDING SWEETPOTATOES (CWT)										
State Total										
Iowa	109	1 468	296 675	19	750	136	1 653	328 097	33	962
Counties										
Black Hawk	4	1	210	1	(D)	5	1	180	3	1
Buchanan	4	(D)	450	–	–	6	4	540	–	–
Cass	3	3	(D)	–	–	3	1	(D)	–	–
Johnson	4	4	705	–	–	4	2	480	–	–
Lee	5	5	430	4	4	(NA)	(NA)	(NA)	(NA)	(NA)
Linn	3	(D)	(D)	–	–	6	12	1 840	1	(D)
Louisa	4	527	123 150	4	527	4	546	104 713	4	546
Lyon	3	3	500	–	–	3	4	620	–	–
Mitchell	7	5	1 672	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Muscatine	5	(D)	(D)	3	(D)	12	261	61 784	8	260
Pottawattamie	5	4	419	–	–	5	3	200	–	–
Sioux	3	(Z)	110	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Van Buren	3	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Woodbury	3	(D)	50	2	(D)	3	(Z)	92	1	(D)
Worth	4	118	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties	49	566	94 576	4	2	(NA)	(NA)	(NA)	(NA)	(NA)

Table 28. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1997 and 1992**

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
FIELD SEED AND GRASS SEED CROPS										
State Total										
Iowa	53	2 458	(X)	–	–	64	2 401	(X)	–	–
Counties										
Ringgold	4	140	(X)	–	–	(NA)	(NA)	(X)	(NA)	(NA)
Tama	3	23	(X)	–	–	(NA)	(NA)	(X)	(NA)	(NA)
Union	3	118	(X)	–	–	(NA)	(NA)	(X)	(NA)	(NA)
Van Buren	3	71	(X)	–	–	(NA)	(NA)	(X)	(NA)	(NA)
All other counties	40	2 106	(X)	–	–	(NA)	(NA)	(X)	(NA)	(NA)
ALFALFA SEED (POUNDS)										
State Total										
Iowa	8	385	29 750	–	–	7	148	11 840	–	–
BROMEGRASS SEED (POUNDS)										
State Total										
Iowa	4	62	12 280	–	–	4	30	5 570	–	–
RED CLOVER SEED (POUNDS)										
State Total										
Iowa	23	655	58 587	–	–	17	259	27 255	–	–
Counties										
Tama	3	23	4 000	–	–	–	–	–	–	–
All other counties	20	632	54 587	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
VETCH SEED (POUNDS)										
State Total										
Iowa	4	152	23 655	–	–	15	808	239 612	–	–

Table 28. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
OTHER SEEDS (POUNDS)										
State Total										
Iowa	15	1 054	177 434	–	–	22	1 096	439 498	–	–
HAY—ALFALFA, OTHER TAME, SMALL GRAIN, WILD, GRASS SILAGE, GREEN CHOP, ETC. (SEE TEXT) (TONS, DRY)										
State Total										
Iowa	37 711	1 575 777	4 365 999	85	1 372	44 768	1 762 425	5 107 237	131	1 906
Counties										
Adair	477	29 518	74 369	–	–	578	32 256	100 424	1	(D)
Adams	310	17 579	42 047	–	–	405	20 921	51 485	–	–
Allamakee	604	46 505	141 091	–	–	745	54 540	171 742	2	(D)
Appanoose	547	42 032	94 117	–	–	614	42 066	92 669	1	(D)
Audubon	314	11 928	30 146	–	–	354	12 347	38 705	–	–
Benton	531	16 617	50 271	1	(D)	585	19 191	59 184	3	32
Black Hawk	298	7 482	22 096	–	–	376	8 577	20 480	2	(D)
Boone	281	5 695	14 792	2	(D)	328	6 579	17 766	–	–
Bremer	381	10 917	31 852	1	(D)	468	13 908	40 286	–	–
Buchanan	459	11 177	30 585	2	(D)	526	14 789	39 252	2	(D)
Buena Vista	209	3 976	12 090	–	–	243	4 935	15 549	1	(D)
Butler	361	8 199	20 126	–	–	434	10 721	28 472	–	–
Calhoun	172	3 051	6 843	–	–	213	4 213	12 105	1	(D)
Carroll	390	9 929	29 525	–	–	487	13 976	48 903	2	(D)
Cass	436	18 971	44 310	2	(D)	504	21 545	63 361	–	–
Cedar	399	12 479	43 208	1	(D)	504	13 924	44 909	–	–
Cerro Gordo	190	3 529	8 161	–	–	201	4 690	11 580	1	(D)
Cherokee	329	8 698	21 682	–	–	381	10 179	32 848	1	(D)
Chickasaw	397	12 699	35 786	1	(D)	472	14 891	39 810	2	(D)
Clarke	426	27 253	65 303	2	(D)	477	31 549	76 672	1	(D)
Clay	184	5 110	10 164	1	(D)	247	4 806	14 490	–	–
Clayton	980	62 403	194 102	1	(D)	1 153	69 924	229 879	4	33
Clinton	494	16 826	52 120	1	(D)	643	18 956	62 055	–	–
Crawford	529	17 750	50 206	2	(D)	680	22 381	71 769	–	–
Dallas	330	9 022	25 600	–	–	376	10 108	27 974	1	(D)
Davis	585	38 475	89 751	1	(D)	671	41 289	98 689	2	(D)
Decatur	434	34 924	78 230	1	(D)	445	35 511	78 702	3	6
Delaware	690	33 361	104 823	–	–	854	40 829	127 794	4	(D)
Des Moines	239	6 693	19 458	–	–	304	8 516	24 703	3	15
Dickinson	132	6 612	15 898	–	–	190	6 686	20 529	–	–
Dubuque	1 021	67 863	222 645	–	–	1 200	73 580	258 710	5	56
Emmet	98	2 189	5 078	–	–	149	3 417	9 145	–	–
Fayette	626	30 546	98 313	1	(D)	739	34 176	110 947	2	(D)
Floyd	270	6 496	14 717	1	(D)	310	6 563	17 298	1	(D)
Franklin	187	4 558	10 549	–	–	252	6 915	19 066	2	(D)
Fremont	212	6 173	16 964	–	–	201	5 766	17 221	1	(D)
Greene	201	5 243	14 222	3	40	252	5 717	16 614	2	(D)
Grundy	209	4 261	12 535	–	–	263	5 733	17 068	–	–
Guthrie	391	15 548	35 890	–	–	486	20 026	53 318	5	58
Hamilton	153	2 839	6 699	–	–	164	2 324	5 793	–	–
Hancock	194	3 775	9 619	1	(D)	229	5 083	14 903	–	–
Hardin	206	4 441	12 100	–	–	293	5 326	15 342	–	–
Harrison	332	9 972	29 367	2	(D)	388	11 462	33 506	4	74
Henry	326	10 114	25 993	–	–	368	9 888	26 545	–	–
Howard	355	13 389	36 346	–	–	405	14 833	42 997	2	(D)
Humboldt	107	1 983	4 955	–	–	139	3 031	8 364	1	(D)
Ida	247	8 205	24 329	2	(D)	347	10 393	37 077	–	–
Iowa	453	20 944	64 559	–	–	578	25 048	70 457	1	(D)
Jackson	779	49 004	160 275	6	61	900	50 651	159 170	3	(D)
Jasper	574	21 078	69 462	1	(D)	734	25 565	75 241	–	–
Jefferson	357	13 924	35 237	1	(D)	414	18 194	45 079	1	(D)
Johnson	634	23 739	72 724	3	(D)	698	25 554	75 427	–	–
Jones	534	24 448	77 258	–	–	652	26 799	86 684	2	(D)
Keokuk	374	15 280	47 276	–	–	455	18 708	51 507	–	–
Kossuth	225	5 278	10 820	2	(D)	376	7 408	22 093	–	–
Lee	415	16 084	46 121	–	–	485	18 918	49 966	2	(D)
Linn	648	18 870	52 697	2	(D)	774	22 965	61 308	2	(D)
Louisa	183	4 447	13 560	3	26	219	5 691	16 604	3	28
Lucas	444	29 048	73 960	–	–	452	28 708	66 259	–	–
Lyon	457	11 619	34 013	2	(D)	534	13 329	46 086	4	122
Madison	583	26 757	64 629	–	–	627	26 972	77 089	4	100
Mahaska	432	15 911	50 351	–	–	531	17 376	52 221	1	(D)
Marion	495	22 706	58 528	3	44	545	22 145	60 300	3	9
Marshall	299	8 873	27 084	–	–	416	11 109	30 862	1	(D)
Mills	192	5 470	15 654	–	–	221	5 680	15 154	1	(D)
Mitchell	262	8 439	20 915	–	–	296	8 452	23 226	–	–
Monona	219	8 812	25 170	4	50	279	10 210	32 491	2	(D)
Monroe	478	28 845	77 593	–	–	495	29 977	77 319	–	–
Montgomery	291	11 540	29 678	–	–	322	11 970	35 382	1	(D)
Muscatine	331	10 183	31 493	4	40	359	11 130	34 083	–	–

Table 28. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
HAY—ALFALFA, OTHER TAME, SMALL GRAIN, WILD, GRASS SILAGE, GREEN CHOP, ETC. (SEE TEXT) (TONS, DRY)—Con.										
Counties—Con.										
O'Brien	262	5 279	13 691	–	–	353	5 967	19 746	1	(D)
Osceola	151	3 363	7 758	–	–	247	4 493	14 436	–	–
Page	443	17 790	47 591	2	(D)	505	17 183	44 516	1	(D)
Palo Alto	153	3 468	7 722	1	(D)	206	3 949	11 149	2	(D)
Plymouth	526	15 857	41 539	–	–	650	16 324	60 506	1	(D)
Pocahontas	136	2 115	4 636	–	–	176	3 032	8 486	1	(D)
Polk	241	6 972	16 409	3	33	283	6 748	19 504	1	(D)
Pottawattamie	567	16 109	46 271	–	–	656	18 754	58 993	–	–
Poweshiek	488	24 242	75 394	–	–	589	26 990	85 405	1	(D)
Ringgold	410	32 329	72 991	–	–	464	36 511	92 935	–	–
Sac	259	7 289	20 305	2	(D)	349	9 973	32 159	2	(D)
Scott	303	7 618	23 455	1	(D)	398	9 461	30 751	1	(D)
Shelby	407	12 260	36 632	1	(D)	491	14 662	50 286	–	–
Sioux	485	13 090	38 891	3	53	645	16 503	61 828	8	172
Story	264	5 459	16 024	4	(D)	300	6 382	16 971	1	(D)
Tama	493	16 290	51 012	1	(D)	644	19 964	57 684	2	(D)
Taylor	388	21 584	51 419	–	–	428	23 075	55 763	1	(D)
Union	403	25 525	57 426	1	(D)	438	25 851	71 746	–	–
Van Buren	475	25 354	64 850	–	–	489	24 723	56 798	2	(D)
Wapello	420	18 609	44 351	1	(D)	435	17 645	37 947	–	–
Warren	675	27 207	75 368	1	(D)	726	29 547	81 734	3	43
Washington	438	13 534	38 502	–	–	495	17 016	47 238	1	(D)
Wayne	477	39 231	92 896	–	–	506	37 879	87 450	4	26
Webster	176	3 113	9 181	–	–	219	3 417	10 370	–	–
Winnebago	124	3 609	8 814	–	–	149	2 977	7 828	1	(D)
Winneshiek	884	50 154	159 400	2	(D)	1 081	62 309	192 850	2	(D)
Woodbury	458	14 289	32 559	2	(D)	457	13 051	42 452	1	(D)
Worth	184	3 571	8 037	–	–	237	4 300	12 723	–	–
Wright	119	2 163	4 745	–	–	147	2 144	6 275	1	(D)
ALFALFA HAY (TONS, DRY)										
State Total										
Iowa	31 165	1 082 904	3 406 219	65	913	40 321	1 367 935	4 315 698	106	1 488
Counties										
Adair	423	22 218	61 555	–	–	553	28 580	94 411	1	(D)
Adams	255	11 870	31 257	–	–	364	16 336	42 602	–	–
Allamakee	573	35 350	118 637	–	–	712	42 809	146 779	2	(D)
Appanoose	359	20 755	54 400	–	–	495	28 969	69 925	1	(D)
Audubon	242	7 539	21 817	–	–	338	10 606	35 451	–	–
Benton	493	13 106	43 886	1	(D)	548	15 407	51 694	3	32
Black Hawk	253	4 934	15 729	–	–	333	6 544	16 214	2	(D)
Boone	232	4 015	11 769	–	–	292	5 038	14 804	–	–
Bremer	323	7 379	24 553	1	(D)	407	9 511	31 158	–	–
Buchanan	395	8 130	24 229	1	(D)	483	11 456	33 011	2	(D)
Buena Vista	139	2 147	8 291	–	–	213	4 004	13 381	1	(D)
Butler	282	5 502	16 023	–	–	380	8 226	23 651	–	–
Calhoun	141	2 218	5 528	–	–	190	3 260	10 605	–	–
Carroll	352	7 965	26 127	–	–	460	10 888	40 128	2	(D)
Cass	377	14 114	35 598	2	(D)	482	18 876	58 752	–	–
Cedar	361	10 016	37 567	1	(D)	469	11 253	39 644	–	–
Cerro Gordo	152	2 212	5 454	–	–	178	3 744	10 013	1	(D)
Cherokee	228	4 106	12 923	–	–	322	6 813	26 156	1	(D)
Chickasaw	318	8 661	27 974	1	(D)	404	10 854	31 790	2	(D)
Clarke	350	19 594	51 108	2	(D)	429	25 072	65 714	1	(D)
Clay	110	2 135	4 631	1	(D)	199	3 540	12 029	–	–
Clayton	894	44 063	155 791	1	(D)	1 091	54 869	197 504	4	33
Clinton	452	12 769	43 608	1	(D)	609	15 360	54 425	–	–
Crawford	442	13 673	43 386	–	–	620	18 854	64 734	–	–
Dallas	288	7 152	22 233	–	–	349	8 008	23 488	1	(D)
Davis	358	16 548	46 508	1	(D)	549	25 292	68 563	–	–
Decatur	263	15 493	41 154	–	–	346	22 466	57 422	2	(D)
Delaware	622	23 238	82 629	–	–	796	29 967	104 049	4	(D)
Des Moines	202	5 010	15 521	–	–	283	6 256	18 764	3	15
Dickinson	96	4 552	12 561	–	–	170	5 503	18 187	–	–
Dubuque	953	47 487	172 185	–	–	1 135	55 118	213 306	5	56
Emmet	72	1 386	3 695	–	–	125	2 505	7 639	–	–
Fayette	562	23 338	83 638	1	(D)	683	26 163	94 393	1	(D)
Floyd	213	4 207	10 156	1	(D)	262	5 099	14 424	–	–
Franklin	150	2 906	7 786	–	–	219	5 473	16 203	–	–
Fremont	188	4 560	13 833	–	–	184	4 790	15 100	–	–
Greene	166	3 916	12 104	3	40	228	4 954	15 330	2	(D)
Grundy	181	3 127	9 987	–	–	236	4 788	15 572	–	–
Guthrie	317	11 109	28 657	–	–	450	16 366	46 076	5	58
Hamilton	120	1 880	5 300	–	–	142	1 834	5 007	–	–
Hancock	135	1 961	5 515	1	(D)	187	3 657	11 487	–	–
Hardin	179	3 200	9 039	–	–	251	4 240	13 033	–	–
Harrison	305	7 823	25 510	–	–	363	9 022	27 952	4	74
Henry	269	7 528	20 753	–	–	335	8 112	22 279	–	–
Howard	291	9 534	29 198	–	–	341	11 615	36 142	1	(D)
Humboldt	79	1 297	3 630	–	–	125	2 461	7 425	1	(D)
Ida	202	6 087	20 178	–	–	322	8 683	33 826	–	–
Iowa	403	17 047	56 207	–	–	528	21 297	62 483	1	(D)
Jackson	719	38 466	136 877	4	(D)	856	42 535	141 695	2	(D)
Jasper	500	17 064	60 194	–	–	686	20 830	64 771	–	–

Table 28. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
ALFALFA HAY (TONS, DRY)—Con.										
Counties—Con.										
Jefferson	278	8 720	25 472	1	(D)	356	13 333	35 803	1	(D)
Johnson	565	18 027	61 332	2	(D)	653	21 115	65 979	–	–
Jones	484	19 319	67 181	–	–	619	22 186	75 977	2	(D)
Keokuk	338	13 039	43 112	–	–	422	15 190	44 209	–	–
Kossuth	154	2 983	6 672	1	(D)	317	5 313	17 630	–	–
Lee	320	10 232	34 076	–	–	415	12 391	35 911	–	–
Linn	556	14 506	44 755	2	(D)	697	18 239	52 758	2	(D)
Louisa	150	3 495	11 317	3	26	203	4 691	14 386	3	28
Lucas	327	17 142	50 093	–	–	376	20 159	52 190	–	–
Lyon	314	6 489	22 979	2	(D)	463	9 471	36 602	4	122
Madison	508	19 768	52 534	–	–	587	22 949	69 520	2	(D)
Mahaska	381	11 879	41 537	–	–	485	13 236	43 404	1	(D)
Marion	433	15 942	46 079	1	(D)	502	17 703	50 640	1	(D)
Marshall	266	6 613	22 321	–	–	382	9 158	27 235	1	(D)
Mills	173	4 197	13 445	–	–	202	4 480	14 098	1	(D)
Mitchell	216	5 706	15 890	–	–	253	5 864	17 943	–	–
Monona	190	6 891	21 974	4	50	255	8 241	28 840	2	(D)
Monroe	376	19 175	60 388	–	–	444	24 623	67 435	–	–
Montgomery	251	8 377	23 993	–	–	303	9 772	31 336	1	(D)
Muscatine	295	8 022	26 350	4	40	325	8 866	29 524	–	–
O'Brien	156	2 889	9 496	–	–	284	4 170	15 663	1	(D)
Osceola	91	1 856	4 627	–	–	207	3 444	12 286	–	–
Page	361	10 968	33 620	1	(D)	438	12 435	36 404	1	(D)
Palo Alto	97	1 379	3 828	–	–	176	2 562	8 250	2	(D)
Plymouth	387	10 426	32 119	–	–	567	13 107	52 941	–	–
Pocahontas	94	1 285	3 472	–	–	152	2 214	6 838	–	–
Polk	210	5 698	14 654	3	33	256	5 618	17 121	1	(D)
Pottawattamie	484	12 393	39 595	–	–	632	16 136	53 811	–	–
Poweshiek	441	20 175	68 351	–	–	556	22 717	77 512	1	(D)
Ringgold	310	17 738	47 041	–	–	407	27 766	74 712	–	–
Sac	211	5 316	15 634	2	(D)	323	8 843	29 499	2	(D)
Scott	279	6 143	20 683	1	(D)	373	7 936	27 807	1	(D)
Shelby	372	9 296	30 156	1	(D)	460	12 200	43 790	–	–
Sioux	323	7 919	27 417	3	53	524	11 927	49 959	7	(D)
Story	234	4 336	13 846	4	(D)	268	4 985	14 486	1	(D)
Tama	427	12 711	43 759	–	–	605	16 661	51 655	2	(D)
Taylor	302	14 556	39 613	–	–	358	17 241	45 066	1	(D)
Union	292	14 508	38 786	1	(D)	379	20 451	60 774	–	–
Van Buren	335	15 055	44 427	–	–	407	17 751	44 147	–	–
Wapello	309	11 268	31 016	1	(D)	372	12 335	29 391	–	–
Warren	574	21 059	65 095	1	(D)	663	24 279	72 210	3	43
Washington	361	9 929	32 075	–	–	441	12 400	37 401	1	(D)
Wayne	342	22 778	61 940	–	–	420	26 616	68 487	1	(D)
Webster	144	2 496	7 848	–	–	194	2 792	9 278	–	–
Winnebago	91	1 565	4 614	–	–	131	2 323	6 511	1	(D)
Winneshiek	827	36 859	131 860	2	(D)	1 017	48 396	164 072	2	(D)
Woodbury	323	7 716	22 743	2	(D)	407	10 769	39 076	1	(D)
Worth	139	2 181	5 615	–	–	198	3 289	10 646	–	–
Wright	95	1 497	3 900	–	–	125	1 689	5 294	1	(D)
SMALL GRAIN HAY (TONS, DRY)										
State Total										
Iowa	4 850	86 879	174 853	8	56	5 404	95 274	180 139	8	96
Counties										
Adair	102	2 500	4 671	–	–	84	1 410	2 341	–	–
Adams	63	1 257	2 569	–	–	74	1 405	2 735	–	–
Allamakee	123	2 916	6 691	–	–	117	2 353	4 447	–	–
Appanoose	42	1 197	2 421	–	–	45	963	1 639	–	–
Audubon	43	734	1 585	–	–	31	494	851	–	–
Benton	60	909	1 591	–	–	87	1 276	2 239	–	–
Black Hawk	37	444	964	–	–	50	595	1 154	–	–
Boone	32	397	755	1	(D)	24	270	369	–	–
Bremer	58	932	2 019	–	–	80	1 243	2 623	–	–
Buchanan	61	834	1 974	–	–	79	1 050	1 611	1	(D)
Buena Vista	45	680	1 860	–	–	25	290	501	–	–
Butler	59	686	1 145	–	–	62	929	1 871	–	–
Calhoun	20	209	381	–	–	12	183	230	–	–
Carroll	44	694	1 281	–	–	46	676	1 440	–	–
Cass	78	1 186	2 021	–	–	73	1 121	1 833	–	–
Cedar	38	581	1 376	–	–	78	1 227	1 926	–	–
Cerro Gordo	31	583	1 134	–	–	35	623	998	–	–
Cherokee	45	691	1 386	–	–	24	336	885	–	–
Chickasaw	76	1 003	1 929	–	–	69	1 246	2 570	–	–
Clarke	55	1 055	2 127	–	–	52	1 240	2 287	–	–
Clay	15	225	413	–	–	14	189	426	–	–
Clayton	153	3 156	6 569	–	–	177	3 459	6 961	–	–
Clinton	73	1 077	2 132	–	–	70	1 002	1 941	–	–
Crawford	87	1 734	3 293	1	(D)	73	1 260	2 740	–	–
Dallas	24	381	791	–	–	34	629	912	–	–
Davis	54	1 434	3 095	–	–	69	1 005	1 629	–	–
Decatur	22	324	603	–	–	40	836	1 509	–	–
Delaware	125	2 498	5 770	–	–	159	3 523	7 419	–	–
Des Moines	27	383	788	–	–	32	410	1 017	–	–
Dickinson	8	175	476	–	–	13	221	565	–	–

Table 28. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
SMALL GRAIN HAY (TONS, DRY)—Con.										
Counties—Con.										
Dubuque	136	2 463	5 407	–	–	147	3 275	7 734	–	–
Emmet	13	163	288	–	–	17	181	338	–	–
Fayette	108	2 065	4 744	–	–	104	2 478	5 409	–	–
Floyd	42	707	1 403	–	–	35	478	701	–	–
Franklin	16	231	414	–	–	33	350	602	2	(D)
Fremont	12	182	435	–	–	16	251	475	1	(D)
Greene	22	253	344	–	–	24	306	468	–	–
Grundy	16	193	396	–	–	32	333	521	–	–
Guthrie	55	963	1 421	–	–	67	1 039	1 710	–	–
Hamilton	10	143	286	–	–	11	133	141	–	–
Hancock	40	559	1 599	–	–	35	462	845	–	–
Hardin	20	195	317	–	–	32	321	671	–	–
Harrison	43	645	1 470	–	–	54	981	2 105	–	–
Henry	55	795	1 366	–	–	34	553	827	–	–
Howard	43	891	1 679	–	–	39	671	1 364	1	(D)
Humboldt	12	185	366	–	–	14	160	382	–	–
Ida	36	573	1 168	–	–	24	435	878	–	–
Iowa	44	859	1 521	–	–	71	1 397	2 779	–	–
Jackson	111	2 014	4 144	2	(D)	117	2 130	4 235	1	(D)
Jasper	79	1 125	2 558	1	(D)	121	1 937	3 174	–	–
Jefferson	38	579	1 106	–	–	46	965	1 748	–	–
Johnson	67	1 090	2 020	1	(D)	78	1 168	2 025	–	–
Jones	71	1 503	3 023	–	–	86	1 408	2 496	–	–
Keokuk	34	627	1 101	–	–	61	876	1 590	–	–
Kossuth	21	334	832	–	–	45	570	1 251	–	–
Lee	35	443	867	–	–	65	1 078	2 249	–	–
Linn	95	1 307	2 162	–	–	124	2 058	3 703	–	–
Louisa	14	181	352	–	–	23	314	609	–	–
Lucas	32	1 791	3 883	–	–	43	947	1 572	–	–
Lyon	31	524	1 065	–	–	35	577	1 592	–	–
Madison	96	1 986	3 431	–	–	82	1 801	3 027	–	–
Mahaska	74	1 255	2 796	–	–	82	1 323	2 024	–	–
Marion	45	843	1 484	–	–	63	1 061	2 172	–	–
Marshall	38	582	1 050	–	–	49	663	1 182	–	–
Mills	18	240	376	–	–	10	156	376	–	–
Mitchell	46	566	1 125	–	–	33	610	1 211	–	–
Monona	48	890	1 774	–	–	51	755	1 205	–	–
Monroe	51	1 062	2 090	–	–	53	1 221	1 881	–	–
Montgomery	50	803	1 537	–	–	51	1 103	2 140	–	–
Muscatine	37	627	1 200	–	–	51	904	1 882	–	–
O'Brien	28	345	662	–	–	19	238	476	–	–
Osceola	11	231	550	–	–	9	117	169	–	–
Page	72	1 237	1 830	–	–	104	1 780	2 868	–	–
Palo Alto	13	143	197	–	–	16	225	454	–	–
Plymouth	70	1 460	2 805	–	–	59	920	1 933	–	–
Pocahontas	25	316	467	–	–	9	214	350	–	–
Polk	10	118	224	–	–	31	368	545	–	–
Pottawattamie	68	1 187	2 658	–	–	53	854	1 688	–	–
Poweshiek	69	1 228	2 473	–	–	74	1 915	3 195	–	–
Ringgold	29	694	1 486	–	–	49	1 242	2 360	–	–
Sac	43	716	2 024	–	–	25	318	566	–	–
Scott	40	566	960	–	–	42	505	768	–	–
Shelby	64	1 134	2 545	–	–	59	959	2 386	–	–
Sioux	30	644	1 251	–	–	46	910	2 788	–	–
Story	30	326	727	1	(D)	38	489	753	–	–
Tama	53	971	2 105	–	–	84	1 614	3 029	–	–
Taylor	47	1 047	1 648	–	–	52	921	1 380	–	–
Union	60	1 209	1 920	1	(D)	74	1 430	2 405	–	–
Van Buren	53	862	1 522	–	–	62	1 001	1 883	2	(D)
Wapello	28	498	1 035	–	–	39	803	1 209	–	–
Warren	85	1 459	2 657	–	–	75	1 510	2 586	–	–
Washington	26	334	454	–	–	61	1 589	3 370	–	–
Wayne	41	1 320	2 351	–	–	64	1 570	2 849	–	–
Webster	16	130	173	–	–	18	200	269	–	–
Winnebago	10	223	489	–	–	25	262	476	–	–
Winneshiek	148	3 253	7 502	–	–	151	3 067	6 084	–	–
Woodbury	89	1 487	2 880	–	–	42	905	1 546	–	–
Worth	25	314	711	–	–	20	279	412	–	–
Wright	13	115	137	–	–	18	176	379	–	–
TAME HAY OTHER THAN ALFALFA, SMALL GRAIN, AND WILD HAY (SEE TEXT) (TONS, DRY)										
State Total										
Iowa	8 144	264 017	499 901	15	403	5 560	165 338	327 747	11	109
Counties										
Adair	99	3 926	6 919	–	–	49	1 153	2 152	–	–
Adams	102	3 674	6 682	–	–	77	2 730	5 452	–	–
Allamakee	43	1 377	2 888	–	–	43	2 606	6 620	–	–
Appanoose	282	18 928	36 062	–	–	202	11 554	20 196	–	–
Audubon	86	2 936	5 799	–	–	29	877	1 932	–	–
Benton	56	1 123	2 080	–	–	38	733	1 653	–	–
Black Hawk	51	697	1 215	–	–	36	515	1 154	–	–
Boone	62	1 068	1 917	1	(D)	32	946	1 781	–	–
Bremer	56	633	1 146	–	–	56	792	1 860	–	–
Buchanan	58	1 383	2 768	1	(D)	41	1 265	2 904	–	–

Table 28. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
TAME HAY OTHER THAN ALFALFA, SMALL GRAIN, AND WILD HAY (SEE TEXT) (TONS, DRY)—Con.										
Counties—Con.										
Buena Vista	55	698	1 291	–	–	27	297	748	–	–
Butler	67	1 174	1 659	–	–	51	801	1 468	–	–
Calhoun	36	422	550	–	–	19	240	374	–	–
Carroll	50	802	1 438	–	–	26	518	1 231	–	–
Cass	103	2 936	5 078	–	–	35	639	1 203	–	–
Cedar	52	1 188	2 690	–	–	49	854	1 913	–	–
Cerro Gordo	35	508	1 122	–	–	15	125	242	–	–
Cherokee	91	1 598	3 512	–	–	57	747	1 746	–	–
Chickasaw	78	1 487	3 008	–	–	66	1 436	2 702	–	–
Clarke	141	6 010	11 158	–	–	110	4 288	7 415	–	–
Clay	62	2 000	3 950	–	–	38	717	1 286	–	–
Clayton	99	3 077	6 652	–	–	81	1 948	3 902	–	–
Clinton	51	992	2 026	–	–	35	480	1 049	–	–
Crawford	100	1 965	2 860	1	(D)	76	1 223	2 564	–	–
Dallas	60	1 216	2 138	–	–	43	907	1 791	–	–
Davis	355	19 589	38 494	–	–	259	13 208	26 228	2	(D)
Decatur	258	17 738	34 169	1	(D)	169	10 731	17 710	1	(D)
Delaware	53	1 096	2 712	–	–	46	1 119	2 512	–	–
Des Moines	45	833	2 011	–	–	29	1 174	2 927	–	–
Dickinson	27	1 335	2 048	–	–	19	372	765	–	–
Dubuque	64	1 439	3 735	–	–	43	1 120	2 137	–	–
Emmet	16	389	646	–	–	20	516	794	–	–
Fayette	61	1 080	2 091	–	–	50	1 209	2 512	–	–
Floyd	60	1 116	2 133	–	–	44	556	1 261	1	(D)
Franklin	42	1 005	1 399	–	–	28	453	908	–	–
Fremont	50	1 335	2 493	–	–	34	625	1 318	–	–
Greene	39	760	1 443	–	–	19	240	480	–	–
Grundy	28	392	1 042	–	–	21	213	410	–	–
Guthrie	102	2 834	4 847	–	–	62	1 914	3 737	–	–
Hamilton	26	338	567	–	–	16	191	314	–	–
Hancock	46	714	1 565	–	–	27	313	819	–	–
Hardin	27	636	1 741	–	–	26	336	706	–	–
Harrison	39	1 111	1 725	2	(D)	27	1 303	3 174	–	–
Henry	73	1 281	2 825	–	–	41	972	2 288	–	–
Howard	62	1 550	3 294	–	–	67	1 374	3 034	–	–
Humboldt	26	335	794	–	–	13	214	238	–	–
Ida	48	812	1 017	2	(D)	35	605	1 160	–	–
Iowa	68	1 838	3 255	–	–	57	1 357	2 503	–	–
Jackson	71	3 036	6 178	–	–	41	1 193	2 069	–	–
Jasper	93	1 862	4 345	–	–	76	1 624	4 557	–	–
Jefferson	125	3 704	7 252	–	–	73	2 837	5 859	–	–
Johnson	97	2 483	4 923	–	–	53	1 370	3 346	–	–
Jones	53	1 167	1 789	–	–	32	805	1 555	–	–
Keokuk	60	1 188	2 349	–	–	53	2 322	5 293	–	–
Kossuth	59	1 127	2 005	1	(D)	44	602	1 490	–	–
Lee	139	3 806	7 955	–	–	96	2 394	5 303	–	–
Linn	82	1 639	2 975	–	–	84	1 318	2 317	–	–
Louisa	34	492	1 247	–	–	20	360	909	–	–
Lucas	170	9 120	18 621	–	–	124	6 821	11 216	–	–
Lyon	107	1 942	4 165	–	–	77	857	1 729	–	–
Madison	138	3 851	6 344	–	–	76	1 561	3 542	2	(D)
Mahaska	56	1 103	2 084	–	–	37	755	1 889	–	–
Marion	106	4 687	8 893	2	(D)	68	1 943	4 567	–	–
Marshall	52	1 168	2 752	–	–	36	689	1 480	–	–
Mills	37	888	1 660	–	–	21	916	493	–	–
Mitchell	46	714	1 330	–	–	36	857	2 068	–	–
Monona	30	817	1 208	–	–	35	885	1 879	–	–
Monroe	162	7 407	13 487	–	–	92	3 576	7 386	–	–
Montgomery	70	2 036	3 805	–	–	26	754	1 528	–	–
Muscatine	49	730	1 524	–	–	36	770	1 347	–	–
O'Brien	79	981	1 860	–	–	77	921	2 297	–	–
Osceola	32	359	587	–	–	22	218	555	–	–
Page	178	4 909	10 597	1	(D)	108	2 601	4 661	–	–
Palo Alto	43	1 084	1 999	1	(D)	21	647	1 594	–	–
Plymouth	144	2 510	3 841	–	–	85	1 049	2 398	1	(D)
Pocahontas	39	405	545	–	–	15	160	377	–	–
Polk	39	698	1 234	–	–	26	491	989	–	–
Pottawattamie	102	1 914	2 998	–	–	50	637	1 006	–	–
Poweshiek	61	1 536	2 698	–	–	51	1 556	2 899	–	–
Ringgold	184	12 135	21 090	–	–	106	6 437	14 231	–	–
Sac	45	629	1 061	1	(D)	26	299	691	–	–
Scott	27	248	600	–	–	21	239	532	–	–
Shelby	50	1 100	2 219	–	–	35	806	1 965	–	–
Sioux	112	1 484	2 813	–	–	97	1 203	2 282	1	(D)
Story	38	481	817	–	–	28	329	641	–	–
Tama	84	1 876	4 301	1	(D)	53	1 145	2 098	–	–
Taylor	149	5 661	9 687	–	–	119	4 267	8 381	–	–
Union	164	8 169	15 169	–	–	105	3 339	7 514	–	–
Van Buren	205	8 307	16 683	–	–	136	5 097	9 805	–	–
Wapello	152	5 538	10 208	–	–	96	2 947	5 190	–	–
Warren	155	3 901	5 953	–	–	103	3 049	5 847	–	–
Washington	98	2 402	4 055	–	–	82	1 898	4 519	–	–
Wayne	226	13 551	25 578	–	–	162	8 708	14 560	3	(D)
Webster	24	219	444	–	–	15	118	136	–	–
Winnebago	24	1 432	2 881	–	–	14	190	468	–	–
Winneshiek	63	1 511	3 381	–	–	69	1 742	3 866	–	–
Woodbury	144	3 860	5 603	–	–	63	828	1 394	–	–
Worth	36	520	933	–	–	37	505	1 307	–	–
Wright	21	256	521	–	–	19	197	449	–	–

Table 28. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
WILD HAY (TONS, DRY)										
State Total										
Iowa	1 347	28 635	44 206	–	–	835	14 171	25 236	–	–
Counties										
Adair	6	224	352	–	–	3	26	75	–	–
Adams	5	440	(D)	–	–	6	37	56	–	–
Allamakee	8	216	258	–	–	4	95	178	–	–
Appanoose	15	381	476	–	–	12	182	171	–	–
Audubon	6	310	271	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Benton	11	458	817	–	–	6	191	523	–	–
Black Hawk	4	54	(D)	–	–	6	60	86	–	–
Boone	5	105	152	–	–	5	38	48	–	–
Bremer	31	271	394	–	–	21	130	180	–	–
Buchanan	14	146	180	–	–	4	38	50	–	–
Buena Vista	18	269	381	–	–	4	26	55	–	–
Butler	27	340	483	–	–	11	95	123	–	–
Calhoun	3	31	(D)	–	–	4	56	156	–	–
Carroll	7	155	125	–	–	4	106	92	–	–
Cass	7	193	311	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Cerro Gordo	10	79	66	–	–	4	34	64	–	–
Cherokee	54	1 322	1 991	–	–	28	846	1 393	–	–
Chickasaw	10	177	206	–	–	13	240	263	–	–
Clarke	13	457	714	–	–	7	146	215	–	–
Clay	32	604	819	–	–	22	197	415	–	–
Clayton	22	694	1 057	–	–	6	82	279	–	–
Clinton	11	68	138	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Crawford	6	89	164	–	–	6	187	143	–	–
Dallas	6	129	102	–	–	3	(D)	(D)	–	–
Decatur	23	1 070	1 760	–	–	14	778	1 152	–	–
Delaware	6	37	55	–	–	5	14	25	–	–
Dickinson	21	372	543	–	–	11	173	267	–	–
Dubuque	6	(D)	740	–	–	10	428	677	–	–
Emmet	14	(D)	(D)	–	–	4	22	20	–	–
Fayette	11	104	195	–	–	12	133	362	–	–
Floyd	7	90	76	–	–	4	29	51	–	–
Franklin	6	191	354	–	–	6	78	177	–	–
Fremont	3	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Greene	6	220	201	–	–	3	34	54	–	–
Grundy	8	171	183	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Guthrie	9	373	425	–	–	5	307	733	–	–
Hamilton	5	44	109	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Hancock	19	367	622	–	–	10	69	138	–	–
Hardin	4	33	64	–	–	7	43	67	–	–
Harrison	9	329	(D)	–	–	3	9	6	–	–
Henry	9	156	281	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Howard	20	383	537	–	–	9	89	116	–	–
Humboldt	3	29	32	–	–	7	99	(D)	–	–
Ida	7	153	185	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Iowa	10	285	475	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Jackson	7	76	168	–	–	6	160	654	–	–
Jasper	9	208	432	–	–	4	44	94	–	–
Jefferson	13	218	269	–	–	7	222	345	–	–
Johnson	7	52	59	–	–	11	285	441	–	–
Jones	7	198	451	–	–	5	93	256	–	–
Keokuk	5	149	168	–	–	3	60	148	–	–
Kossuth	39	641	831	–	–	28	358	660	–	–
Lee	13	216	368	–	–	6	159	(D)	–	–
Linn	17	146	179	–	–	10	148	175	–	–
Louisa	6	48	70	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Lucas	16	429	614	–	–	8	116	139	–	–
Lyon	93	1 349	2 456	–	–	63	731	1 520	–	–
Madison	14	339	559	–	–	7	108	210	–	–
Mahaska	6	58	98	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Marion	9	110	206	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Marshall	11	166	354	–	–	5	126	141	–	–
Mills	10	(D)	(D)	–	–	9	(D)	(D)	–	–
Mitchell	7	139	231	–	–	3	15	25	–	–
Monona	4	29	41	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Monroe	13	456	513	–	–	6	118	109	–	–
Montgomery	4	89	76	–	–	3	(D)	74	–	–
Muscatine	7	57	127	–	–	3	10	34	–	–
O'Brien	57	831	1 240	–	–	37	306	668	–	–
Osceola	35	387	661	–	–	33	266	358	–	–
Page	7	122	209	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Palo Alto	17	570	975	–	–	19	189	327	–	–
Plymouth	55	804	1 416	–	–	40	452	644	–	–
Pocahontas	5	77	128	–	–	5	192	373	–	–
Polk	4	(D)	(D)	–	–	5	150	397	–	–
Pottawattamie	18	317	519	–	–	8	49	91	–	–
Poweshiek	8	175	231	–	–	3	(D)	(D)	–	–
Ringgold	18	1 067	2 241	–	–	7	152	309	–	–
Sac	6	47	53	–	–	8	116	103	–	–
Scott	5	106	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Sioux	52	550	1 185	–	–	39	392	797	–	–
Story	7	(D)	86	–	–	3	11	19	–	–
Tama	5	44	109	–	–	–	–	–	–	–
Taylor	5	75	166	–	–	7	115	294	–	–
Union	22	755	903	–	–	12	402	764	–	–
Van Buren	18	489	754	–	–	9	308	303	–	–
Wapello	22	787	967	–	–	9	555	726	–	–
Warren	27	391	418	–	–	17	240	284	–	–
Washington	8	153	289	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Wayne	11	972	2 113	–	–	9	333	800	–	–

Table 28. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
WILD HAY (TONS, DRY)—Con.										
Counties—Con.										
Webster	5	41	54	–	–	3	24	35	–	–
Winnebago	10	252	618	–	–	10	54	77	–	–
Winneshiek	18	211	253	–	–	13	232	568	–	–
Woodbury	13	582	480	–	–	5	356	226	–	–
Worth	24	491	718	–	–	16	206	326	–	–
Wright	6	(D)	(D)	–	–	4	(D)	(D)	–	–
All other counties	5	64	160	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
GRASS SILAGE, HAYLAGE, AND GREEN CHOP HAY (TONS, GREEN)										
State Total										
Iowa	2 691	113 342	722 417	–	–	3 051	119 707	775 271	9	213
Counties										
Adair	17	650	2 618	–	–	26	1 087	4 324	–	–
Adams	9	338	(D)	–	–	9	413	1 921	–	–
Allamakee	119	6 646	37 860	–	–	141	6 677	41 137	–	–
Appanoose	12	771	2 275	–	–	10	398	2 214	–	–
Audubon	9	409	2 018	–	–	10	(D)	(D)	–	–
Benton	27	1 021	5 691	–	–	44	1 584	9 234	–	–
Black Hawk	8	1 353	(D)	–	–	23	863	5 612	1	(D)
Boone	5	110	600	–	–	14	287	2 289	–	–
Bremer	54	1 702	11 213	–	–	72	2 232	13 405	–	–
Buchanan	32	684	4 307	–	–	42	980	5 037	–	–
Buena Vista	10	182	797	–	–	12	318	2 592	–	–
Butler	15	497	2 449	–	–	29	670	4 076	–	–
Calhoun	9	171	(D)	–	–	10	474	2 219	1	(D)
Carroll	16	313	1 664	–	–	19	1 788	18 043	–	–
Cass	13	542	3 904	–	–	22	(D)	(D)	–	–
Cedar	16	(D)	(D)	–	–	20	(D)	(D)	–	–
Cerro Gordo	8	147	1 152	–	–	10	164	791	–	–
Cherokee	20	981	5 613	–	–	37	1 437	8 009	–	–
Chickasaw	45	1 371	8 002	–	–	36	1 115	7 456	–	–
Clarke	6	137	586	–	–	13	803	3 129	–	–
Clay	4	146	1 052	–	–	6	163	1 003	–	–
Clayton	207	11 413	72 089	–	–	213	9 566	63 700	–	–
Clinton	41	1 920	12 645	–	–	54	(D)	(D)	–	–
Crawford	11	289	1 510	–	–	20	857	4 757	–	–
Dallas	10	144	1 006	–	–	5	(D)	(D)	–	–
Davis	22	904	4 960	–	–	25	1 626	5 580	–	–
Decatur	6	299	1 630	–	–	18	700	2 719	–	–
Delaware	148	6 492	40 978	–	–	159	6 206	41 357	–	–
Des Moines	15	(D)	(D)	–	–	14	(D)	(D)	–	–
Dickinson	9	178	811	–	–	14	417	2 233	–	–
Dubuque	294	(D)	121 722	–	–	282	13 639	104 556	–	–
Fayette	96	3 959	22 939	–	–	105	4 193	24 820	1	(D)
Floyd	12	376	2 846	–	–	18	401	2 586	–	–
Franklin	11	225	1 790	–	–	19	561	3 525	–	–
Greene	6	94	386	–	–	8	183	844	–	–
Grundy	10	378	2 779	–	–	7	(D)	(D)	–	–
Guthrie	10	269	1 621	–	–	9	400	3 190	–	–
Hamilton	8	434	1 309	–	–	3	(D)	(D)	–	–
Hancock	10	174	952	–	–	17	582	4 845	–	–
Hardin	12	377	2 816	–	–	13	386	2 598	–	–
Harrison	4	64	(D)	–	–	7	147	807	–	–
Henry	11	354	2 304	–	–	6	(D)	(D)	–	–
Howard	40	1 031	4 908	–	–	33	1 084	7 027	–	–
Humboldt	6	137	399	–	–	5	97	(D)	–	–
Ida	15	580	5 344	–	–	22	(D)	(D)	–	–
Iowa	20	915	9 300	–	–	18	(D)	(D)	–	–
Jackson	107	5 412	38 712	–	–	109	4 633	31 553	–	–
Jasper	22	819	5 800	–	–	31	1 130	7 933	–	–
Jefferson	23	703	3 413	–	–	16	837	3 975	–	–
Johnson	76	2 087	13 159	–	–	64	1 616	10 903	–	–
Jones	43	2 261	14 440	–	–	61	2 307	19 185	–	–
Keokuk	6	277	1 640	–	–	10	260	802	–	–
Kossuth	8	193	1 439	–	–	21	565	3 187	–	–
Lee	36	1 387	8 567	–	–	42	2 896	(D)	2	(D)
Linn	37	1 272	7 880	–	–	41	1 202	7 062	–	–
Louisa	9	231	1 723	–	–	10	(D)	(D)	–	–
Lucas	13	566	2 248	–	–	17	665	3 432	–	–
Lyon	45	1 315	10 043	–	–	65	1 693	13 948	–	–
Madison	21	813	5 292	–	–	11	553	2 367	–	–
Mahaska	48	1 616	11 497	–	–	58	(D)	(D)	–	–
Marion	20	1 124	5 596	–	–	26	(D)	(D)	2	(D)
Marshall	6	344	1 822	–	–	20	473	2 469	–	–
Mitchell	34	1 314	7 020	–	–	39	1 106	5 941	–	–
Monona	11	185	521	–	–	5	(D)	(D)	–	–
Monroe	19	745	3 340	–	–	13	439	1 529	–	–
Montgomery	9	235	801	–	–	9	(D)	917	–	–
Muscatine	16	747	6 879	–	–	18	580	3 891	–	–
O'Brien	17	233	1 305	–	–	14	332	1 933	–	–
Osceola	20	530	4 000	–	–	21	448	3 212	–	–
Page	15	554	4 006	–	–	11	(D)	(D)	–	–

Table 28. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
GRASS SILAGE, HAYLAGE, AND GREEN CHOP HAY (TONS, GREEN)—Con.										
Counties—Con.										
Palo Alto	8	292	2 165	–	–	20	326	1 568	–	–
Plymouth	22	657	4 073	–	–	25	796	7 762	–	–
Pocahontas	3	32	71	–	–	13	252	1 647	1	(D)
Polk	3	(D)	(D)	–	–	7	121	1 356	–	–
Pottawattamie	13	298	1 499	–	–	17	1 078	7 192	–	–
Poweshiek	21	1 128	4 925	–	–	25	(D)	(D)	–	–
Ringgold	8	695	3 402	–	–	8	914	3 965	–	–
Sac	17	581	4 602	–	–	13	397	3 895	1	(D)
Scott	25	555	(D)	–	–	32	(D)	(D)	–	–
Shelby	10	(D)	(D)	–	–	16	(D)	(D)	–	–
Sioux	59	2 493	18 674	–	–	68	2 071	18 003	–	–
Story	5	(D)	1 646	–	–	13	568	3 219	–	–
Tama	14	688	2 219	–	–	14	544	2 711	–	–
Taylor	4	245	914	–	–	9	531	1 926	–	–
Union	13	884	1 945	–	–	11	229	868	–	–
Van Buren	24	641	4 404	–	–	20	566	1 980	–	–
Wapello	13	518	3 374	–	–	13	1 005	4 297	–	–
Warren	11	397	3 732	–	–	11	469	2 420	–	–
Washington	32	716	4 878	–	–	35	(D)	(D)	–	–
Wayne	11	610	2 744	–	–	11	652	2 264	–	–
Webster	10	227	1 988	–	–	10	283	1 954	–	–
Winnebago	6	137	635	–	–	5	148	890	–	–
Winneshiek	185	8 320	49 204	–	–	199	8 872	54 779	–	–
Woodbury	14	644	2 557	–	–	7	193	633	–	–
Worth	3	65	181	–	–	4	21	96	–	–
All other counties	8	150	895	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
CORN FOR SILAGE OR GREEN CHOP (TONS, GREEN)										
State Total										
Iowa	8 405	241 549	3 993 158	10	342	9 575	260 770	4 096 921	10	290
Counties										
Adair	93	2 686	38 974	–	–	63	1 577	22 203	–	–
Adams	36	1 301	16 118	–	–	44	1 174	16 845	–	–
Allamakee	275	6 831	115 394	–	–	324	7 290	113 011	–	–
Appanoose	29	754	10 057	–	–	42	865	9 730	–	–
Audubon	47	1 356	19 077	–	–	39	948	13 304	–	–
Benton	86	1 974	32 333	–	–	110	3 016	49 036	–	–
Black Hawk	63	1 727	29 935	–	–	84	1 626	29 586	–	–
Boone	28	561	10 289	–	–	35	908	13 511	–	–
Bremer	114	2 371	43 121	–	–	173	3 533	59 851	1	(D)
Buchanan	143	3 228	60 888	–	–	152	2 810	44 910	–	–
Buena Vista	66	2 887	60 043	–	–	64	2 865	54 321	–	–
Butler	83	1 927	29 828	–	–	102	2 042	35 879	–	–
Calhoun	39	2 012	25 960	–	–	48	2 071	33 107	–	–
Carroll	77	2 631	39 336	–	–	98	4 280	70 737	–	–
Cass	81	1 708	24 267	–	–	74	1 765	26 747	–	–
Cedar	81	1 508	21 462	–	–	91	1 879	28 555	–	–
Cerro Gordo	44	1 115	19 403	–	–	42	888	12 597	–	–
Cherokee	121	4 600	79 806	–	–	155	4 797	79 866	–	–
Chickasaw	177	5 302	91 489	–	–	189	4 661	77 318	1	(D)
Clarke	52	1 546	18 500	–	–	42	1 314	18 110	–	–
Clay	56	1 896	31 517	–	–	55	2 463	48 858	–	–
Clayton	343	7 418	120 460	–	–	400	8 835	120 117	–	–
Clinton	125	3 961	64 758	–	–	169	5 349	92 037	–	–
Crawford	92	2 300	36 854	–	–	73	2 308	27 371	–	–
Dallas	34	819	13 641	–	–	34	1 177	15 216	–	–
Davis	67	1 112	18 259	–	–	67	1 551	22 403	–	–
Decatur	34	1 181	15 132	–	–	44	1 571	23 692	–	–
Delaware	333	9 027	162 943	–	–	405	9 286	138 816	–	–
Des Moines	49	911	14 998	–	–	51	1 223	20 250	1	(D)
Dickinson	47	2 811	45 049	–	–	59	2 575	40 950	–	–
Dubuque	391	9 797	162 307	–	–	463	11 264	167 410	–	–
Emmet	51	1 745	31 259	–	–	36	881	15 014	–	–
Fayette	271	8 005	145 737	–	–	326	8 093	134 984	–	–
Floyd	74	2 301	43 039	–	–	81	2 056	32 160	–	–
Franklin	58	1 535	23 490	–	–	59	1 578	32 248	–	–
Fremont	11	491	9 290	–	–	13	274	5 185	–	–
Greene	31	1 096	18 117	2	(D)	27	1 052	20 698	–	–
Grundy	34	831	14 364	–	–	37	1 065	19 193	–	–
Guthrie	48	951	12 694	–	–	43	954	12 529	–	–
Hamilton	11	324	5 964	–	–	12	526	9 770	–	–
Hancock	62	1 225	21 772	–	–	58	1 209	21 879	–	–
Hardin	38	1 177	18 108	–	–	62	1 266	25 169	–	–
Harrison	46	1 291	19 119	–	–	53	1 614	26 501	–	–
Henry	33	728	10 340	–	–	45	1 179	22 158	–	–
Howard	165	4 216	68 763	–	–	162	4 153	57 293	–	–
Humboldt	32	805	14 250	–	–	36	1 202	23 068	–	–
Ida	73	2 302	34 014	–	–	56	2 228	29 356	–	–
Iowa	92	2 739	44 028	–	–	111	3 357	43 433	–	–
Jackson	181	4 910	74 131	2	(D)	240	5 752	75 012	–	–
Jasper	60	1 880	32 095	–	–	77	2 344	40 860	–	–

Table 28. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
CORN FOR SILAGE OR GREEN CHOP (TONS, GREEN)—Con.										
Counties—Con.										
Jefferson	30	602	7 845	–	–	50	1 811	24 434	–	–
Johnson	126	2 239	37 334	–	–	154	2 614	40 762	–	–
Jones	144	3 595	59 973	–	–	183	5 661	83 447	–	–
Keokuk	45	913	15 904	–	–	57	1 488	20 840	–	–
Kossuth	104	3 180	55 595	–	–	96	2 813	57 024	–	–
Lee	71	2 054	46 521	1	(D)	96	2 423	46 179	2	(D)
Linn	132	2 695	47 341	–	–	164	3 783	58 763	1	(D)
Louisa	29	550	8 500	–	–	32	500	6 731	–	–
Lucas	32	693	10 929	–	–	43	1 317	15 914	–	–
Lyon	216	7 138	125 483	1	(D)	251	7 815	129 333	2	(D)
Madison	60	2 022	23 178	–	–	55	1 795	26 039	–	–
Mahaska	99	2 648	48 193	–	–	127	2 970	45 842	–	–
Marion	39	1 079	18 344	–	–	56	1 276	18 194	1	(D)
Marshall	43	1 371	25 643	–	–	56	1 788	29 483	–	–
Mills	10	267	4 120	–	–	9	418	8 145	–	–
Mitchell	157	6 614	109 208	–	–	181	6 873	110 093	–	–
Monona	63	2 045	28 577	–	–	74	2 683	44 346	–	–
Monroe	44	1 208	23 497	–	–	64	2 321	31 783	–	–
Montgomery	27	746	11 538	–	–	22	760	13 334	–	–
Muscatine	57	2 078	37 415	–	–	60	1 738	29 186	–	–
O'Brien	92	2 396	39 282	–	–	97	2 729	47 676	–	–
Osceola	74	3 406	54 973	–	–	71	2 167	34 279	–	–
Page	42	1 061	18 744	–	–	42	1 065	16 915	–	–
Palo Alto	63	2 006	32 423	1	(D)	49	1 132	22 798	–	–
Plymouth	148	5 619	79 062	1	(D)	140	5 054	73 268	–	–
Pocahontas	32	644	11 480	–	–	44	1 366	24 019	–	–
Polk	18	558	8 455	–	–	22	551	9 500	–	–
Pottawattamie	85	2 518	38 421	–	–	124	3 052	56 378	–	–
Poweshiek	61	1 794	33 281	–	–	74	1 976	33 983	–	–
Ringgold	39	1 180	17 769	–	–	33	1 056	12 673	–	–
Sac	65	2 601	47 796	–	–	63	2 166	38 459	–	–
Scott	60	1 521	25 221	–	–	83	2 326	38 082	–	–
Shelby	62	1 055	18 718	–	–	59	1 444	19 594	–	–
Sioux	290	15 016	246 669	2	(D)	310	11 635	189 136	–	–
Story	36	1 428	24 063	–	–	41	1 398	27 338	–	–
Tama	67	1 462	24 714	–	–	87	2 734	38 859	–	–
Taylor	25	632	7 792	–	–	26	547	6 327	–	–
Union	36	898	10 790	–	–	32	730	8 975	–	–
Van Buren	46	966	21 089	–	–	65	1 034	13 811	–	–
Wapello	21	555	9 618	–	–	27	1 109	17 934	–	–
Warren	66	1 430	22 524	–	–	71	1 997	23 078	–	–
Washington	74	1 307	20 954	–	–	89	1 726	23 814	–	–
Wayne	34	1 009	10 673	–	–	44	1 386	16 988	–	–
Webster	35	916	16 210	–	–	26	967	18 130	–	–
Winnebago	37	1 139	18 374	–	–	44	1 064	20 197	–	–
Winneshiek	419	11 245	189 559	–	–	512	12 075	179 507	1	(D)
Woodbury	117	4 170	66 556	–	–	80	3 240	48 050	–	–
Worth	46	952	14 984	–	–	52	1 183	18 747	–	–
Wright	10	518	5 054	–	–	13	320	5 680	–	–
SORGHUM CUT FOR DRY FORAGE OR HAY (TONS, DRY)										
State Total										
Iowa	9	106	322	–	–	10	103	333	–	–
Counties										
Delaware	3	7	21	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties	6	99	301	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
SORGHUM FOR SILAGE OR GREEN CHOP (TONS, GREEN)										
State Total										
Iowa	121	1 953	23 532	–	–	538	10 799	155 315	6	691
Counties										
Butler	3	14	80	–	–	6	50	486	–	–
Cass	4	52	615	–	–	3	58	(D)	–	–
Chickasaw	5	62	726	–	–	19	406	6 079	–	–
Clarke	6	66	262	–	–	5	145	(D)	–	–
Delaware	6	51	440	–	–	22	707	9 663	1	(D)
Fayette	3	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Iowa	7	118	1 300	–	–	14	502	11 430	–	–
Jackson	3	29	258	–	–	6	71	625	–	–
Kossuth	5	61	747	–	–	6	40	468	–	–
Palo Alto	3	(D)	(D)	–	–	4	52	(D)	–	–
Plymouth	8	164	2 612	–	–	19	368	6 128	–	–
Sioux	7	235	2 814	–	–	83	2 034	34 845	–	–
Warren	4	76	785	–	–	6	76	1 016	–	–
Woodbury	7	86	1 135	–	–	7	295	6 655	–	–
All other counties	50	868	10 927	–	–	(NA)	(NA)	(NA)	(NA)	(NA)

Table 29. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1997 and 1992**

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

Geographic area	1997				1992			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
LAND USED FOR VEGETABLES (SEE TEXT)								
State Total								
Iowa	786	12 495	116	1 471	905	14 821	163	2 082
Counties								
Adams	4	4	–	–	(NA)	(NA)	(NA)	(NA)
Allamakee	4	26	–	–	8	43	–	–
Appanoose	5	8	–	–	5	10	–	–
Benton	14	41	2	(D)	17	173	5	13
Black Hawk	21	295	7	191	32	486	12	185
Boone	7	55	2	(D)	10	90	2	(D)
Bremer	4	(D)	2	(D)	8	18	1	(D)
Buchanan	12	282	1	(D)	13	452	4	(D)
Buena Vista	5	14	1	(D)	4	4	–	–
Butler	14	535	–	–	17	1 224	–	–
Carroll	5	32	–	–	4	33	–	–
Cass	5	5	–	–	4	13	–	–
Cedar	10	97	2	(D)	10	59	1	(D)
Cerro Gordo	6	442	–	–	14	882	–	–
Clarke	3	(D)	–	–	4	16	–	–
Clay	7	16	1	(D)	4	5	1	(D)
Clayton	4	2	–	–	5	10	1	(D)
Clinton	12	40	3	(D)	14	53	5	17
Crawford	4	(D)	–	–	(NA)	(NA)	(NA)	(NA)
Dallas	17	192	4	16	22	115	4	10
Davis	6	9	1	(D)	7	16	2	(D)
Decatur	3	23	–	–	7	15	–	–
Delaware	3	(D)	–	–	(NA)	(NA)	(NA)	(NA)
Des Moines	7	148	1	(D)	5	18	1	(D)
Dubuque	13	33	1	(D)	9	20	4	4
Emmet	3	(D)	–	–	(NA)	(NA)	(NA)	(NA)
Fayette	6	124	–	–	10	198	–	–
Franklin	24	1 620	–	–	17	894	–	–
Fremont	8	27	–	–	5	3	–	–
Grundy	10	266	–	–	11	222	–	–
Guthrie	4	12	–	–	5	6	–	–
Hamilton	4	19	1	(D)	3	11	1	(D)
Hancock	8	9	–	–	9	612	1	(D)
Hardin	20	1 952	–	–	25	1 208	2	(D)
Harrison	10	85	3	25	5	61	3	27
Howard	4	28	–	–	(NA)	(NA)	(NA)	(NA)
Humboldt	3	6	–	–	3	6	1	(D)
Ida	3	16	–	–	(NA)	(NA)	(NA)	(NA)
Iowa	12	88	1	(D)	9	26	1	(D)
Jackson	8	39	–	–	6	45	–	–
Jasper	12	44	–	–	11	23	1	(D)
Jefferson	9	21	2	(D)	11	41	2	(D)
Johnson	27	48	9	9	26	157	5	(D)
Jones	5	(D)	–	–	5	4	–	–
Keokuk	3	7	–	–	4	(D)	–	–
Kossuth	18	1 068	–	–	30	1 481	–	–
Lee	9	62	6	40	9	102	3	52
Linn	32	378	4	87	33	356	8	99
Louisa	6	92	5	58	8	115	7	107
Lucas	4	25	–	–	5	21	–	–
Madison	9	22	1	(D)	10	108	2	(D)
Mahaska	8	96	2	(D)	9	72	1	(D)
Marion	9	31	1	(D)	12	42	1	(D)
Marshall	9	41	2	(D)	13	39	1	(D)
Mills	3	(D)	1	(D)	4	23	1	(D)
Mitchell	20	538	1	(D)	9	335	–	–
Monona	3	10	1	(D)	7	118	2	(D)
Muscatine	28	768	20	615	34	1 060	24	907
O'Brien	5	(D)	–	–	5	9	–	–
Page	3	6	–	–	(NA)	(NA)	(NA)	(NA)
Palo Alto	7	(D)	1	(D)	15	464	5	167
Plymouth	5	53	–	–	10	53	–	–
Pocahontas	4	13	–	–	4	21	1	(D)
Polk	19	213	3	3	29	259	5	5
Pottawattamie	20	236	2	(D)	18	95	5	4
Poweshiek	6	12	–	–	4	12	–	–
Ringgold	4	22	1	(D)	(NA)	(NA)	(NA)	(NA)
Sac	5	(D)	1	(D)	6	14	1	(D)
Scott	12	69	1	(D)	19	102	7	45
Shelby	4	12	–	–	3	9	–	–
Sioux	9	34	2	(D)	4	5	–	–
Story	13	65	5	4	14	50	3	(D)
Tama	16	33	1	(D)	13	26	3	3
Taylor	5	10	–	–	3	(D)	–	–
Van Buren	6	8	–	–	9	25	4	17
Wapello	5	10	–	–	7	43	1	(D)
Warren	16	83	2	(D)	25	114	2	(D)
Washington	10	20	–	–	6	8	2	(D)
Wayne	3	(D)	–	–	3	3	–	–
Webster	14	106	4	(D)	12	83	2	(D)
Winnebago	15	340	–	–	17	914	–	–
Winneshiek	7	15	1	(D)	7	6	2	(D)
Woodbury	11	31	3	1	12	56	4	3
Worth	7	397	–	–	16	952	–	–
Wright	3	(D)	–	–	5	19	–	–
All other counties	16	152	1	(D)	(NA)	(NA)	(NA)	(NA)

Table 29. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
VEGETABLES HARVESTED (SEE TEXT)								
State Total								
Iowa	786	12 533	117	1 476	905	14 849	163	2 083
Counties								
Adams	4	4	–	–	(NA)	(NA)	(NA)	(NA)
Allamakee	4	26	–	–	8	43	–	–
Appanoose	5	11	–	–	5	9	–	–
Benton	14	48	2	(D)	17	173	5	13
Black Hawk	21	297	7	192	32	490	12	187
Boone	7	55	2	(D)	10	90	2	(D)
Bremer	4	(D)	2	(D)	8	18	1	(D)
Buchanan	12	282	1	(D)	13	452	4	(D)
Buena Vista	5	14	1	(D)	4	4	–	–
Butler	14	535	–	–	17	1 224	–	–
Carroll	5	31	–	–	4	33	–	–
Cass	5	5	–	–	4	13	–	–
Cedar	10	97	2	(D)	10	59	1	(D)
Cerro Gordo	6	442	–	–	14	882	–	–
Clarke	3	(D)	–	–	4	16	–	–
Clay	7	17	1	(D)	4	5	1	(D)
Clayton	4	3	–	–	5	10	1	(D)
Clinton	12	40	3	(D)	14	53	5	17
Crawford	4	(D)	–	–	(NA)	(NA)	(NA)	(NA)
Dallas	17	191	4	16	22	115	4	10
Davis	6	8	1	(D)	7	18	2	(D)
Decatur	3	23	–	–	7	15	–	–
Delaware	3	(D)	–	–	(NA)	(NA)	(NA)	(NA)
Des Moines	7	151	1	(D)	5	18	1	(D)
Dubuque	13	33	1	(D)	9	19	4	4
Emmet	3	4	–	–	(NA)	(NA)	(NA)	(NA)
Fayette	6	124	–	–	10	198	–	–
Franklin	24	1 621	–	–	17	894	–	–
Fremont	8	28	–	–	5	3	–	–
Grundy	10	266	–	–	11	222	–	–
Guthrie	4	12	–	–	5	6	–	–
Hamilton	4	19	1	(D)	3	11	1	(D)
Hancock	8	10	–	–	9	613	1	(D)
Hardin	20	1 951	–	–	25	1 207	2	(D)
Harrison	10	86	3	25	5	62	3	27
Howard	4	28	–	–	(NA)	(NA)	(NA)	(NA)
Humboldt	3	6	–	–	3	6	1	(D)
Ida	3	16	–	–	(NA)	(NA)	(NA)	(NA)
Iowa	12	88	1	(D)	9	30	1	(D)
Jackson	8	39	–	–	6	45	–	–
Jasper	12	45	–	–	11	23	1	(D)
Jefferson	9	22	2	(D)	11	43	2	(D)
Johnson	27	48	9	9	26	157	5	(D)
Jones	5	(D)	–	–	5	4	–	–
Keokuk	3	9	–	–	4	(D)	–	–
Kossuth	18	1 068	–	–	30	1 481	–	–
Lee	9	63	6	40	9	103	3	52
Linn	32	377	4	87	33	355	8	99
Louisa	6	92	5	58	8	115	7	107
Lucas	4	25	–	–	5	20	–	–
Madison	9	21	1	(D)	10	108	2	(D)
Mahaska	8	96	2	(D)	9	72	1	(D)
Marion	9	31	1	(D)	12	41	1	(D)
Marshall	9	41	2	(D)	13	39	1	(D)
Mills	3	(D)	1	(D)	4	23	1	(D)
Mitchell	20	538	1	(D)	9	335	–	–
Monona	3	(D)	1	(D)	7	118	2	(D)
Muscatine	28	768	20	615	34	1 070	24	907
O'Brien	5	(D)	–	–	5	9	–	–
Page	3	6	–	–	(NA)	(NA)	(NA)	(NA)
Palo Alto	7	(D)	1	(D)	15	465	5	167
Plymouth	5	53	–	–	10	53	–	–
Pocahontas	4	12	–	–	4	(D)	1	(D)
Polk	19	213	3	3	29	262	5	5
Pottawattamie	20	239	2	(D)	18	97	5	4
Poweshiek	6	12	–	–	4	12	–	–
Ringgold	4	21	2	(D)	(NA)	(NA)	(NA)	(NA)
Sac	5	(D)	1	(D)	6	14	1	(D)
Scott	12	69	1	(D)	19	102	7	45
Shelby	4	11	–	–	3	9	–	–
Sioux	9	34	2	(D)	4	5	–	–
Story	13	64	5	3	14	50	3	(D)
Tama	16	35	1	(D)	13	26	3	3
Taylor	5	10	–	–	3	2	–	–
Van Buren	6	7	–	–	9	28	4	17
Wapello	5	10	–	–	7	41	1	(D)
Warren	16	83	2	(D)	25	115	2	(D)
Washington	10	18	–	–	6	8	2	(D)
Wayne	3	(D)	–	–	3	3	–	–
Webster	14	124	4	54	12	83	2	(D)
Winnebago	15	343	–	–	17	914	–	–
Winneshiek	7	15	1	(D)	7	6	2	(D)
Woodbury	11	30	3	2	12	56	4	4
Worth	7	397	–	–	16	952	–	–
Wright	3	(D)	–	–	5	20	–	–
All other counties	16	152	1	(D)	(NA)	(NA)	(NA)	(NA)

Table 29. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
ASPARAGUS								
State Total								
Iowa	84	105	9	21	80	91	9	12
Counties								
Black Hawk	6	14	3	13	(NA)	(NA)	(NA)	(NA)
Buchanan	4	(D)	–	–	(NA)	(NA)	(NA)	(NA)
Dubuque	4	3	1	(D)	(NA)	(NA)	(NA)	(NA)
Jefferson	3	1	1	(D)	(NA)	(NA)	(NA)	(NA)
Johnson	6	7	–	–	(NA)	(NA)	(NA)	(NA)
Linn	5	6	–	–	(NA)	(NA)	(NA)	(NA)
Scott	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Story	3	8	–	–	(NA)	(NA)	(NA)	(NA)
All other counties	50	61	3	7	(NA)	(NA)	(NA)	(NA)
GREEN LIMA BEANS								
State Total								
Iowa	1	(D)	–	–	6	3	2	(D)
SNAP BEANS								
State Total								
Iowa	130	190	33	108	158	620	37	506
Counties								
Benton	3	2	2	(D)	3	(D)	1	(D)
Black Hawk	8	19	4	19	8	(D)	5	(D)
Clinton	4	(D)	1	(D)	5	2	4	2
Dubuque	9	10	1	(D)	3	(Z)	–	–
Johnson	5	1	–	–	3	(Z)	1	(D)
Lee	3	2	3	2	6	5	2	(D)
Linn	7	13	2	(D)	8	14	1	(D)
Mahaska	3	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)
Marion	3	2	1	(D)	4	1	–	–
Muscatine	3	(D)	1	(D)	12	369	9	368
Polk	6	13	–	–	7	26	–	–
Warren	4	2	1	(D)	6	3	–	–
Webster	6	(D)	4	(D)	(NA)	(NA)	(NA)	(NA)
Woodbury	8	2	3	(Z)	3	(D)	1	(D)
All other counties	58	28	8	3	(NA)	(NA)	(NA)	(NA)
BEETS								
State Total								
Iowa	31	11	7	4	34	6	4	1
Counties								
Black Hawk	3	1	–	–	(NA)	(NA)	(NA)	(NA)
Lee	3	2	2	(D)	(NA)	(NA)	(NA)	(NA)
Webster	4	1	3	1	(NA)	(NA)	(NA)	(NA)
All other counties	21	7	2	(D)	(NA)	(NA)	(NA)	(NA)
BROCCOLI								
State Total								
Iowa	28	11	4	1	43	16	12	2
HEAD CABBAGE								
State Total								
Iowa	80	323	19	117	90	284	24	102
Counties								
Benton	3	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)
Black Hawk	5	6	3	(D)	6	2	1	(D)
Linn	4	(D)	2	(D)	6	21	1	(D)
Mitchell	3	(D)	–	–	(NA)	(NA)	(NA)	(NA)
Muscatine	4	(D)	2	(D)	7	46	5	46
Pottawattamie	4	1	–	–	(NA)	(NA)	(NA)	(NA)
Tama	3	1	–	–	(NA)	(NA)	(NA)	(NA)
Webster	4	1	2	(D)	(NA)	(NA)	(NA)	(NA)
Winnebago	3	2	–	–	3	(D)	–	–
Woodbury	3	1	–	–	3	6	–	–
All other counties	44	122	8	86	(NA)	(NA)	(NA)	(NA)

Table 29. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
CANTALOUPS								
State Total								
Iowa	97	351	39	223	111	372	43	218
Counties								
Black Hawk	7	39	2	(D)	5	2	2	(D)
Buchanan	4	4	–	–	(NA)	(NA)	(NA)	(NA)
Des Moines	4	11	–	–	(NA)	(NA)	(NA)	(NA)
Harrison	4	12	3	12	3	18	2	(D)
Lee	5	7	3	(D)	(NA)	(NA)	(NA)	(NA)
Linn	5	6	2	(D)	4	10	2	(D)
Louisa	4	24	3	14	(NA)	(NA)	(NA)	(NA)
Muscatine	20	143	17	120	21	176	14	132
Pottawattamie	3	1	–	–	5	2	–	–
Tama	3	4	1	(D)	3	(D)	3	(D)
Webster	3	1	2	(D)	(NA)	(NA)	(NA)	(NA)
All other counties	35	100	6	36	(NA)	(NA)	(NA)	(NA)
CARROTS								
State Total								
Iowa	27	386	4	1	35	(D)	9	5
Counties								
Webster	3	1	2	(D)	(NA)	(NA)	(NA)	(NA)
All other counties	24	385	2	(D)	(NA)	(NA)	(NA)	(NA)
CAULIFLOWER								
State Total								
Iowa	10	3	1	(D)	24	14	7	6
COLLARDS								
State Total								
Iowa	3	(D)	–	–	3	1	–	–
CUCUMBERS AND PICKLES								
State Total								
Iowa	76	64	19	37	83	104	19	76
Counties								
Benton	3	(D)	2	(D)	–	–	–	–
Buchanan	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Des Moines	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Fremont	3	1	–	–	–	–	–	–
Linn	4	(D)	–	–	4	7	–	–
Mahaska	3	1	1	(D)	–	–	–	–
Muscatine	8	9	4	8	5	(D)	3	(D)
Story	3	(Z)	1	(D)	–	–	–	–
Webster	6	9	4	8	(NA)	(NA)	(NA)	(NA)
All other counties	40	11	5	2	(NA)	(NA)	(NA)	(NA)
EGGPLANT								
State Total								
Iowa	31	14	12	6	29	7	5	2
Counties								
Black Hawk	5	1	3	(Z)	(NA)	(NA)	(NA)	(NA)
Muscatine	3	(D)	3	(D)	(NA)	(NA)	(NA)	(NA)
Webster	3	(Z)	2	(D)	(NA)	(NA)	(NA)	(NA)
All other counties	20	(D)	4	1	(NA)	(NA)	(NA)	(NA)
HERBS, FRESH CUT (SEE TEXT)								
State Total								
Iowa	9	7	4	1	(NA)	(NA)	(NA)	(NA)
HONEYDEW MELONS								
State Total								
Iowa	2	(D)	1	(D)	6	3	–	–

Table 29. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
KALE								
State Total								
Iowa	2	(D)	1	(D)	4	4	–	–
LETTUCE AND ROMAINE								
State Total								
Iowa	23	3	1	(D)	15	7	3	1
Counties								
Black Hawk	3	(Z)	–	–	(NA)	(NA)	(NA)	(NA)
Johnson	5	1	–	–	(NA)	(NA)	(NA)	(NA)
All other counties	15	2	1	(D)	(NA)	(NA)	(NA)	(NA)
MUSTARD GREENS								
State Total								
Iowa	6	1	3	1	7	5	2	(D)
DRY ONIONS								
State Total								
Iowa	53	113	9	2	62	98	15	23
Counties								
Black Hawk	4	2	1	(D)	(NA)	(NA)	(NA)	(NA)
Linn	4	3	–	–	(NA)	(NA)	(NA)	(NA)
Pottawattamie	3	1	–	–	(NA)	(NA)	(NA)	(NA)
Tama	3	(Z)	–	–	(NA)	(NA)	(NA)	(NA)
Webster	3	1	2	(D)	(NA)	(NA)	(NA)	(NA)
Worth	3	96	–	–	(NA)	(NA)	(NA)	(NA)
All other counties	33	11	6	1	(NA)	(NA)	(NA)	(NA)
GREEN ONIONS								
State Total								
Iowa	19	5	2	(D)	37	15	8	2
Counties								
Dubuque	3	1	–	–	–	–	–	–
All other counties	16	4	2	(D)	(NA)	(NA)	(NA)	(NA)
OKRA								
State Total								
Iowa	8	2	2	(D)	(NA)	(NA)	(NA)	(NA)
Counties								
Madison	3	(Z)	1	(D)	(NA)	(NA)	(NA)	(NA)
All other counties	5	2	1	(D)	(NA)	(NA)	(NA)	(NA)
GREEN PEAS, EXCLUDING GREEN COWPEAS								
State Total								
Iowa	57	955	10	(D)	76	1 587	10	174
Counties								
Black Hawk	5	1	2	(D)	3	(D)	2	(D)
Kossuth	8	337	–	–	20	869	–	–
Lee	3	1	2	(D)	(NA)	(NA)	(NA)	(NA)
Linn	3	(D)	–	–	3	(D)	1	(D)
Mitchell	8	347	–	–	3	159	–	–
Webster	3	1	2	(D)	(NA)	(NA)	(NA)	(NA)
All other counties	27	(D)	4	76	(NA)	(NA)	(NA)	(NA)
HOT PEPPERS								
State Total								
Iowa	27	21	5	4	30	21	7	(D)
Counties								
Muscatine	4	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)
All other counties	23	(D)	3	(D)	(NA)	(NA)	(NA)	(NA)

Table 29. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
SWEET PEPPERS								
State Total								
Iowa	80	73	21	28	105	117	34	84
Counties								
Black Hawk	6	4	2	(D)	7	7	6	7
Cedar	3	6	–	–	–	–	–	–
Dubuque	3	2	–	–	(NA)	(NA)	(NA)	(NA)
Johnson	3	(Z)	1	(D)	(NA)	(NA)	(NA)	(NA)
Linn	3	6	1	(D)	5	9	1	(D)
Muscatine	8	20	6	18	9	11	5	7
Pottawattamie	5	5	2	(D)	(NA)	(NA)	(NA)	(NA)
Warren	3	(D)	1	(D)	8	5	–	–
Winnebago	3	1	–	–	4	3	–	–
All other counties	43	(D)	8	3	(NA)	(NA)	(NA)	(NA)
PUMPKINS								
State Total								
Iowa	208	703	22	78	192	555	21	97
Counties								
Black Hawk	7	40	3	(D)	9	47	5	(D)
Buchanan	4	12	1	(D)	(NA)	(NA)	(NA)	(NA)
Clayton	3	(D)	–	–	(NA)	(NA)	(NA)	(NA)
Dallas	5	(D)	–	–	7	17	–	–
Des Moines	5	8	–	–	(NA)	(NA)	(NA)	(NA)
Dubuque	4	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Fremont	5	7	–	–	–	–	–	–
Harrison	3	(D)	1	(D)	3	10	1	(D)
Iowa	10	28	1	(D)	(NA)	(NA)	(NA)	(NA)
Jasper	5	18	–	–	(NA)	(NA)	(NA)	(NA)
Johnson	5	7	1	(D)	5	7	–	–
Keokuk	3	3	–	–	–	–	–	–
Lee	4	20	1	(D)	3	14	–	–
Linn	11	41	–	–	7	18	1	(D)
Louisa	3	10	–	–	–	–	–	–
Marshall	5	21	–	–	3	1	1	(D)
Mitchell	4	7	–	–	–	–	–	–
Muscatine	6	51	4	24	7	57	2	(D)
Polk	3	(D)	–	–	6	18	–	–
Pottawattamie	10	123	–	–	9	32	–	–
Poweshiek	3	(D)	–	–	(NA)	(NA)	(NA)	(NA)
Scott	4	(D)	1	(D)	6	21	2	(D)
Story	6	10	1	(D)	(NA)	(NA)	(NA)	(NA)
Tama	3	5	–	–	(NA)	(NA)	(NA)	(NA)
Webster	7	14	3	1	5	9	–	–
Winnebago	6	8	–	–	(NA)	(NA)	(NA)	(NA)
Woodbury	3	1	2	(D)	4	1	1	(D)
All other counties	71	189	2	(D)	(NA)	(NA)	(NA)	(NA)
RADISHES								
State Total								
Iowa	24	10	2	(D)	23	6	8	2
Counties								
Black Hawk	3	1	1	(D)	(NA)	(NA)	(NA)	(NA)
Tama	3	1	–	–	(NA)	(NA)	(NA)	(NA)
All other counties	18	9	1	(D)	(NA)	(NA)	(NA)	(NA)
RHUBARB								
State Total								
Iowa	12	3	2	(D)	3	1	3	1
Counties								
Black Hawk	3	(Z)	1	(D)	(NA)	(NA)	(NA)	(NA)
All other counties	9	2	1	(D)	(NA)	(NA)	(NA)	(NA)
SPINACH								
State Total								
Iowa	15	8	1	(D)	17	16	6	(D)

Table 29. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
SQUASH								
State Total								
Iowa	116	182	19	58	116	244	19	79
Counties								
Allamakee	3	5	–	–	(NA)	(NA)	(NA)	(NA)
Black Hawk	5	1	1	(D)	10	13	5	11
Buchanan	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Cedar	4	2	–	–	(NA)	(NA)	(NA)	(NA)
Des Moines	4	10	–	–	(NA)	(NA)	(NA)	(NA)
Jefferson	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Johnson	3	(Z)	–	–	(NA)	(NA)	(NA)	(NA)
Linn	7	21	2	(D)	7	18	–	–
Mitchell	4	13	–	–	(NA)	(NA)	(NA)	(NA)
Muscatine	4	18	3	(D)	7	16	3	(D)
Polk	3	1	–	–	3	(D)	–	–
Story	4	2	–	–	3	(D)	1	(D)
Webster	6	8	4	(D)	4	(D)	–	–
Winnebago	4	5	–	–	(NA)	(NA)	(NA)	(NA)
Woodbury	3	1	–	–	(NA)	(NA)	(NA)	(NA)
All other counties	56	69	7	5	(NA)	(NA)	(NA)	(NA)
SWEET CORN								
State Total								
Iowa	535	8 278	53	427	637	9 485	63	389
Counties								
Allamakee	3	6	–	–	6	21	–	–
Appanoose	3	4	–	–	3	(D)	–	–
Benton	10	20	–	–	15	134	4	2
Black Hawk	14	151	5	(D)	23	330	6	96
Boone	6	39	1	(D)	6	23	1	(D)
Buchanan	7	(D)	–	–	11	229	–	–
Buena Vista	4	3	1	(D)	3	2	–	–
Butler	14	535	–	–	16	1 221	–	–
Carroll	5	11	–	–	4	8	–	–
Cass	4	5	–	–	(NA)	(NA)	(NA)	(NA)
Cedar	6	(D)	1	(D)	7	6	–	–
Clay	6	14	1	(D)	3	4	1	(D)
Clinton	9	11	3	1	9	17	2	(D)
Dallas	9	161	–	–	12	55	–	–
Davis	4	(D)	1	(D)	4	4	–	–
Des Moines	4	(D)	–	–	4	10	–	–
Dubuque	3	(D)	–	–	3	(D)	1	(D)
Emmet	3	(D)	–	–	(NA)	(NA)	(NA)	(NA)
Fayette	5	95	–	–	4	155	–	–
Franklin	23	1 618	–	–	17	893	–	–
Fremont	3	12	–	–	3	3	–	–
Grundy	9	263	–	–	8	212	–	–
Guthrie	4	7	–	–	4	5	–	–
Hamilton	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Hancock	3	6	–	–	7	608	–	–
Hardin	17	1 945	–	–	22	1 196	2	(D)
Harrison	9	54	–	–	3	(D)	–	–
Howard	4	(D)	–	–	(NA)	(NA)	(NA)	(NA)
Humboldt	3	2	–	–	(NA)	(NA)	(NA)	(NA)
Ida	3	13	–	–	(NA)	(NA)	(NA)	(NA)
Iowa	6	55	–	–	8	20	–	–
Jackson	8	32	–	–	6	30	–	–
Jasper	5	11	–	–	6	12	–	–
Jefferson	5	(D)	1	(D)	8	23	1	(D)
Johnson	16	23	3	1	15	37	2	(D)
Jones	4	(D)	–	–	4	(D)	–	–
Kossuth	13	723	–	–	17	603	–	–
Lee	7	18	5	15	7	50	3	19
Linn	25	186	3	57	26	187	4	58
Lucas	3	4	–	–	4	6	–	–
Madison	9	14	1	(D)	9	78	2	(D)
Mahaska	6	56	1	(D)	7	20	–	–
Marion	7	22	1	(D)	8	26	1	(D)
Marshall	3	14	1	(D)	11	34	1	(D)
Muscatine	21	255	13	192	13	180	5	143
O'Brien	4	2	–	–	4	2	–	–
Palo Alto	5	(D)	–	–	9	(D)	3	(D)
Plymouth	5	51	–	–	6	20	–	–
Pocahontas	3	(D)	–	–	4	(D)	1	(D)
Polk	17	120	2	(D)	22	133	2	(D)
Pottawattamie	18	71	–	–	12	41	2	(D)
Sac	5	26	–	–	5	6	–	–
Scott	8	39	1	(D)	12	52	4	9
Shelby	4	11	–	–	3	5	–	–
Sioux	7	(D)	–	–	3	2	–	–
Story	8	34	1	(D)	10	26	2	(D)
Tama	9	12	–	–	10	11	–	–
Taylor	4	(D)	–	–	3	(D)	–	–
Van Buren	3	(D)	–	–	7	2	2	(D)
Wapello	3	(D)	–	–	5	(D)	–	–

Table 29. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
SWEET CORN—Con.								
Counties—Con.								
Warren	12	64	–	–	16	74	–	–
Washington	8	11	–	–	4	(D)	1	(D)
Webster	10	35	1	(D)	5	7	–	–
Winnebago	10	291	–	–	17	777	–	–
Winneshiek	4	12	–	–	4	3	2	(D)
Woodbury	8	21	2	(D)	6	22	1	(D)
Worth	3	(D)	–	–	15	(D)	–	–
Wright	3	(D)	–	–	4	8	–	–
All other counties	36	369	3	38	(NA)	(NA)	(NA)	(NA)
TOMATOES								
State Total								
Iowa	238	231	56	46	276	226	77	68
Counties								
Allamakee	3	5	–	–	(NA)	(NA)	(NA)	(NA)
Benton	5	5	2	(D)	5	4	3	3
Black Hawk	8	4	3	1	9	4	4	1
Buchanan	5	4	1	(D)	(NA)	(NA)	(NA)	(NA)
Cedar	3	(Z)	1	(D)	(NA)	(NA)	(NA)	(NA)
Clinton	5	2	1	(D)	6	5	4	4
Crawford	3	(D)	–	–	–	–	–	–
Dallas	5	9	2	(D)	9	4	2	(D)
Des Moines	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Dubuque	6	3	–	–	5	1	2	(D)
Hardin	3	(Z)	–	–	4	1	2	(D)
Harrison	3	4	2	(D)	4	4	3	4
Jackson	3	1	–	–	4	2	–	–
Johnson	10	2	3	1	5	2	3	2
Lee	6	3	5	3	6	5	3	5
Linn	12	14	2	(D)	12	28	2	(D)
Madison	6	4	1	(D)	4	1	2	(D)
Mahaska	3	4	2	(D)	4	5	–	–
Marion	3	1	1	(D)	6	2	–	–
Marshall	3	1	1	(D)	4	1	1	(D)
Muscatine	13	22	6	15	15	37	11	25
O'Brien	3	(D)	–	–	3	(Z)	–	–
Polk	9	9	3	2	13	30	5	1
Pottawattamie	14	11	2	(D)	9	7	–	–
Story	7	8	3	1	7	12	2	(D)
Tama	3	1	–	–	3	(D)	–	–
Warren	6	5	1	(D)	9	7	1	(D)
Webster	6	3	4	2	5	4	1	(D)
Winnebago	3	2	–	–	4	2	–	–
Woodbury	8	2	3	(Z)	9	3	4	2
All other counties	68	35	6	2	(NA)	(NA)	(NA)	(NA)
TURNIPS								
State Total								
Iowa	14	4	2	(D)	18	5	2	(D)
Counties								
Webster	3	(Z)	2	(D)	(NA)	(NA)	(NA)	(NA)
All other counties	11	3	–	–	(NA)	(NA)	(NA)	(NA)
TURNIP GREENS								
State Total								
Iowa	9	3	1	(D)	4	1	–	–
Counties								
Black Hawk	3	1	1	(D)	(NA)	(NA)	(NA)	(NA)
All other counties	6	2	–	–	(NA)	(NA)	(NA)	(NA)
MIXED VEGETABLES								
State Total								
Iowa	24	105	4	17	27	56	9	4

Table 29. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
WATERMELONS								
State Total								
Iowa	87	338	28	209	105	412	31	196
Counties								
Black Hawk	5	9	1	(D)	(NA)	(NA)	(NA)	(NA)
Des Moines	4	7	–	–	–	–	–	–
Harrison	3	(D)	2	(D)	3	8	2	(D)
Iowa	3	(D)	–	–	(NA)	(NA)	(NA)	(NA)
Lee	3	(D)	3	(D)	(NA)	(NA)	(NA)	(NA)
Linn	3	(D)	1	(D)	3	3	–	–
Louisa	4	(D)	1	(D)	5	31	4	23
Muscatine	16	172	13	145	24	150	15	117
Pottawattamie	4	23	–	–	6	5	–	–
All other counties	42	55	7	8	(NA)	(NA)	(NA)	(NA)
OTHER VEGETABLES								
State Total								
Iowa	27	27	4	5	21	23	8	5

Table 30. **Land in Orchards: 1997 and 1992**

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

Geographic area	1997				1992			
	Total		Irrigated		Total		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
LAND IN ORCHARDS								
State Total								
Iowa	448	2 616	19	118	481	2 784	27	178
Counties								
Adair	5	19	–	–	4	11	–	–
Appanoose	4	29	–	–	6	22	1	(D)
Benton	4	11	–	–	5	56	–	–
Black Hawk	6	26	1	(D)	10	19	1	(D)
Boone	3	8	–	–	3	3	–	–
Bremer	3	7	–	–	7	8	–	–
Carroll	6	10	–	–	7	23	–	–
Cass	3	9	–	–	(NA)	(NA)	(NA)	(NA)
Cedar	8	24	–	–	9	56	–	–
Cherokee	3	8	–	–	(NA)	(NA)	(NA)	(NA)
Clayton	5	36	–	–	7	30	–	–
Clinton	16	47	3	(D)	9	33	2	(D)
Crawford	3	12	–	–	4	18	–	–
Dallas	12	67	–	–	5	38	–	–
Davis	4	15	–	–	3	(D)	–	–
Decatur	4	(D)	–	–	7	46	–	–
Des Moines	11	36	1	(D)	5	32	–	–
Dickinson	3	(D)	–	–	(NA)	(NA)	(NA)	(NA)
Dubuque	23	104	1	(D)	15	101	1	(D)
Franklin	9	33	–	–	3	(D)	–	–
Fremont	4	79	–	–	4	(D)	–	–
Guthrie	3	11	–	–	(NA)	(NA)	(NA)	(NA)
Hancock	3	12	–	–	(NA)	(NA)	(NA)	(NA)
Hardin	4	22	–	–	10	63	2	(D)
Harrison	8	171	–	–	11	198	2	(D)
Henry	4	23	–	–	4	(D)	–	–
Howard	4	15	–	–	(NA)	(NA)	(NA)	(NA)
Ida	4	(D)	–	–	(NA)	(NA)	(NA)	(NA)
Iowa	5	10	–	–	(NA)	(NA)	(NA)	(NA)
Jackson	6	44	–	–	8	60	1	(D)
Jasper	10	68	1	(D)	10	59	1	(D)
Jefferson	6	8	2	(D)	10	21	–	–
Johnson	25	124	3	(D)	30	132	3	45
Kossuth	3	(D)	–	–	3	24	–	–
Lee	10	49	–	–	9	43	1	(D)
Linn	14	69	2	(D)	24	53	1	(D)
Louisa	4	32	–	–	5	34	–	–
Madison	6	8	–	–	4	18	–	–
Marion	6	(D)	–	–	14	160	–	–
Marshall	6	23	–	–	6	24	–	–

Table 30. **Land in Orchards: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	Total		Irrigated		Total		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
LAND IN ORCHARDS—Con.								
Counties—Con.								
Mitchell	3	12	–	–	1	(D)	–	–
Monona	3	(D)	1	(D)	2	(D)	–	–
Monroe	7	14	–	–	7	35	–	–
Montgomery	3	13	–	–	2	(D)	–	–
Muscatine	6	10	–	–	6	12	–	–
Palo Alto	3	(D)	–	–	3	9	–	–
Plymouth	10	30	–	–	5	14	–	–
Polk	12	88	–	–	13	79	–	–
Pottawattamie	8	91	–	–	7	47	–	–
Ringgold	4	(D)	–	–	–	–	–	–
Scott	11	49	–	–	10	43	1	(D)
Sioux	3	2	–	–	–	–	–	–
Story	8	38	2	(D)	8	24	3	10
Taylor	3	10	–	–	2	(D)	–	–
Van Buren	3	5	–	–	7	9	–	–
Wapello	7	35	–	–	10	21	–	–
Warren	10	263	1	(D)	10	372	1	(D)
Washington	13	127	–	–	12	32	–	–
Webster	4	(D)	–	–	1	(D)	–	–
Winnebago	5	8	–	–	2	(D)	–	–
Winneshiek	5	15	1	(D)	8	17	–	–
Woodbury	8	58	–	–	7	26	1	(D)
All other counties	39	217	–	–	(NA)	(NA)	(NA)	(NA)

Table 31. **Fruits and Nuts: 1997 and 1992**

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

Geographic area	Total			Trees or vines of nonbearing age		Trees or vines of bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms	Pounds
APPLES									
State Total									
Iowa 1997	405	2 206	233 692	266	48 887	360	184 805	260	12 928 737
1992	450	2 577	255 362	293	72 875	397	182 487	299	14 035 896
Counties, 1997									
Adair	5	19	1 610	3	350	5	1 260	2	(D)
Benton	3	(Z)	17	3	12	3	5	2	(D)
Black Hawk	6	25	(D)	5	384	6	(D)	5	(D)
Boone	3	5	370	3	(D)	2	(D)	2	(D)
Bremer	3	7	(D)	2	(D)	3	(D)	2	(D)
Carroll	5	8	152	3	80	5	72	3	18 800
Cedar	7	21	2 689	–	–	7	2 689	7	(D)
Cherokee	3	8	1 000	–	–	3	1 000	1	(D)
Clayton	5	35	(D)	5	(D)	5	(D)	5	470 070
Clinton	15	41	1 657	9	202	15	1 455	9	78 588
Crawford	3	12	1 610	3	240	3	1 370	3	60 240
Dallas	11	33	2 951	3	(D)	10	(D)	4	(D)
Davis	3	9	(D)	3	134	3	(D)	3	(D)
Decatur	3	(D)	(D)	2	(D)	1	(D)	1	(D)
Des Moines	11	33	3 225	6	(D)	11	(D)	7	24 080
Dickinson	3	(D)	(D)	2	(D)	3	(D)	3	(D)
Dubuque	17	92	6 708	12	2 955	16	3 753	12	190 532
Franklin	8	27	3 199	4	(D)	6	(D)	6	(D)
Fremont	4	(D)	8 278	3	(D)	4	(D)	4	(D)
Guthrie	3	11	(D)	3	(D)	–	–	–	–
Hancock	3	11	(D)	2	(D)	3	(D)	3	(D)
Hardin	4	(D)	(D)	3	(D)	4	(D)	4	(D)
Harrison	8	171	14 991	4	1 435	8	13 556	4	(D)
Henry	4	(D)	(D)	3	(D)	4	(D)	3	(D)
Ida	4	(D)	(D)	4	812	2	(D)	1	(D)
Iowa	5	8	(D)	5	127	3	(D)	3	(D)
Jackson	5	(D)	1 459	3	95	4	1 364	3	(D)
Jasper	9	66	5 438	6	465	8	4 973	7	(D)
Jefferson	6	6	124	4	34	6	90	3	(D)
Johnson	23	111	21 197	14	9 340	22	11 857	19	422 184
Kossuth	3	(D)	(D)	1	(D)	3	(D)	2	(D)
Lee	10	45	4 210	6	(D)	10	(D)	5	(D)
Linn	14	68	4 629	10	1 415	14	3 214	8	92 770
Louisa	4	(D)	(D)	4	(D)	4	(D)	2	(D)
Madison	6	8	239	2	(D)	5	(D)	1	(D)
Marion	4	(D)	(D)	3	(D)	4	(D)	3	1 150
Marshall	6	(D)	2 300	4	554	5	1 746	3	(D)
Mitchell	3	(D)	(D)	3	(D)	3	(D)	3	(D)
Monona	3	(D)	(D)	2	(D)	2	(D)	1	(D)
Monroe	6	10	260	5	(D)	4	(D)	4	12 050

Table 31. **Fruits and Nuts: 1997 and 1992**—Con.

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

Geographic area	Total			Trees or vines of nonbearing age		Trees or vines of bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms	Pounds
APPLES—Con.									
Counties, 1997—Con.									
Muscatine	6	8	298	2	(D)	4	(D)	3	(D)
Palo Alto	3	(D)	(D)	3	(D)	1	(D)	–	–
Plymouth	10	28	2 555	4	456	10	2 099	7	255 160
Polk	12	84	12 777	12	1 491	10	11 286	9	1 258 278
Pottawattamie	8	(D)	18 374	6	3 435	6	14 939	5	487 300
Ringgold	4	(D)	(D)	4	592	4	(D)	2	(D)
Scott	10	43	2 781	7	1 274	10	1 507	6	65 514
Sioux	3	2	47	3	9	3	38	2	(D)
Story	8	37	4 139	6	451	8	3 688	6	64 520
Taylor	3	8	(D)	2	(D)	3	(D)	3	(D)
Wapello	6	(D)	2 507	3	(D)	5	(D)	1	(D)
Warren	8	(D)	(D)	4	(D)	7	(D)	6	(D)
Washington	9	14	1 394	6	(D)	7	(D)	4	1 275
Webster	3	(D)	(D)	3	(D)	3	(D)	2	(D)
Winnebago	5	8	469	5	(D)	3	(D)	2	(D)
Winneshiek	4	8	(D)	4	(D)	1	(D)	1	(D)
Woodbury	7	(D)	6 257	3	692	6	5 565	5	26 460
All other counties	45	230	13 174	27	2 783	40	10 391	33	695 233
APRICOTS									
State Total									
Iowa 1997	25	4	201	17	85	16	116	8	1 185
1992	28	6	275	23	106	14	169	2	(D)
Counties, 1997									
Johnson	7	1	76	5	34	5	42	4	965
All other counties	18	3	125	12	51	11	74	4	220
CHERRIES, TOTAL (SEE TEXT)									
State Total									
Iowa 1997	42	14	543	26	166	33	377	26	8 515
1992	59	21	872	42	252	46	620	20	1 634
Counties, 1997									
Clinton	4	(Z)	11	2	(D)	3	(D)	3	(D)
Johnson	4	1	26	3	(D)	2	(D)	2	(D)
All other counties	34	13	506	21	138	28	368	21	8 403
GRAPES (SEE TEXT) (FRESH WEIGHT)									
State Total									
Iowa 1997	84	43	18 153	64	5 701	74	12 452	42	56 536
1992	138	55	24 343	92	9 748	118	14 595	68	11 739
Counties, 1997									
Cedar	3	(Z)	(D)	2	(D)	3	85	2	(D)
Clinton	3	1	150	3	20	3	130	2	(D)
Davis	3	1	79	3	29	3	50	1	(D)
Des Moines	3	1	(D)	3	24	3	(D)	2	(D)
Dubuque	11	5	2 250	5	710	9	1 540	7	4 950
Franklin	3	3	1 170	3	130	3	1 040	3	41
Jefferson	3	1	(D)	2	(D)	3	(D)	–	–
Johnson	6	1	595	5	(D)	5	(D)	5	254
Linn	3	(Z)	100	2	(D)	3	(D)	2	(D)
Warren	4	(D)	(D)	4	(D)	2	(D)	2	(D)
Washington	3	(Z)	132	1	(D)	3	(D)	3	(D)
All other counties	39	(D)	4 031	31	813	34	3 218	13	5 671
NECTARINES									
State Total									
Iowa 1997	3	1	24	3	24	–	–	–	–
1992	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

Table 31. **Fruits and Nuts: 1997 and 1992**—Con.

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

Geographic area	Total			Trees or vines of nonbearing age		Trees or vines of bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms	Pounds
PEACHES									
State Total									
Iowa 1997	97	33	2 110	63	748	75	1 362	49	10 967
1992	94	35	2 149	66	1 045	67	1 104	42	9 916
Counties, 1997									
Carroll	3	(D)	(D)	3	22	3	(D)	–	–
Cedar	3	(Z)	32	–	–	3	32	3	1 950
Clinton	5	1	36	4	(D)	4	(D)	1	(D)
Dallas	5	1	28	3	22	4	6	–	–
Davis	3	5	180	2	(D)	3	(D)	3	(D)
Des Moines	4	1	32	1	(D)	4	(D)	4	(D)
Dubuque	3	(D)	(D)	2	(D)	3	(D)	3	(D)
Johnson	8	1	117	4	28	8	89	7	2 465
Lee	3	1	(D)	2	(D)	3	(D)	2	(D)
Linn	3	(Z)	(D)	2	(D)	2	(D)	1	(D)
Madison	3	(D)	25	–	–	3	25	1	(D)
Polk	3	(D)	(D)	1	(D)	3	35	3	90
Washington	4	1	20	3	(D)	2	(D)	1	(D)
All other counties	47	15	1 306	36	465	30	841	20	2 380
PEARS									
State Total									
Iowa 1997	53	14	730	31	297	36	433	26	5 800
1992	76	32	2 294	50	1 656	55	638	36	13 390
Counties, 1997									
Clinton	4	(D)	24	2	(D)	3	(D)	3	124
Johnson	5	1	75	3	(D)	3	(D)	3	(D)
Monroe	3	1	85	3	(D)	1	(D)	1	(D)
Scott	4	2	138	–	–	4	138	2	(D)
Warren	3	1	(D)	2	(D)	1	(D)	–	–
All other counties	34	(D)	(D)	21	(D)	24	192	17	4 527
PERSIMMONS									
State Total									
Iowa 1997	4	1	73	4	(D)	1	(D)	–	–
1992	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
PLUMS AND PRUNES (SEE TEXT) (FRESH WEIGHT)									
State Total									
Iowa 1997	47	13	648	25	222	35	426	18	6 883
1992	51	17	1 057	37	587	34	470	14	470
Counties, 1997									
Clinton	3	1	9	–	–	3	9	–	–
Dallas	4	(Z)	36	–	–	4	36	2	(D)
Franklin	4	2	(D)	4	12	4	(D)	4	270
Johnson	6	2	57	–	–	6	57	6	4 343
All other counties	30	8	(D)	21	210	18	(D)	6	(D)
PECANS (IN SHELL)									
State Total									
Iowa 1997	5	2	(D)	5	83	1	(D)	–	–
1992	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
ENGLISH WALNUTS (IN SHELL)									
State Total									
Iowa 1997	7	13	426	5	199	6	227	4	(D)
1992	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

Table 31. **Fruits and Nuts: 1997 and 1992**—Con.

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

Geographic area	Total			Trees or vines of nonbearing age		Trees or vines of bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms	Pounds
OTHER FRUITS AND NUTS (SEE TEXT)									
State Total									
Iowa .....1997..	37	244	23 085	27	15 246	26	7 839	11	6 491
1992..	10	26	1 508	10	737	9	771	4	12 620
Counties, 1997									
Appanoose	3	24	1 580	3	610	3	970	1	(D)
Benton	3	10	(D)	2	(D)	1	(D)	–	–
Dallas	4	(D)	(D)	2	(D)	3	(D)	–	–
Washington	3	(D)	(D)	2	(D)	3	(D)	1	(D)
All other counties	24	65	3 980	18	2 515	16	1 465	9	4 191

Table 32. **Berries Harvested for Sale: 1997 and 1992**

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
BERRIES										
State Total										
Iowa.....	178	(D)	(X)	47	126	197	335	(X)	79	(D)
Counties										
Benton.....	3	(D)	(X)	2	(D)	(NA)	(NA)	(X)	(NA)	(NA)
Black Hawk	7	(D)	(X)	2	(D)	(NA)	(NA)	(X)	(NA)	(NA)
Buchanan.....	5	3	(X)	1	(D)	(NA)	(NA)	(X)	(NA)	(NA)
Cedar	4	(D)	(X)	–	–	(NA)	(NA)	(X)	(NA)	(NA)
Clayton	7	4	(X)	1	(D)	(NA)	(NA)	(X)	(NA)	(NA)
Clinton.....	3	5	(X)	1	(D)	(NA)	(NA)	(X)	(NA)	(NA)
Dallas	4	(D)	(X)	2	(D)	(NA)	(NA)	(X)	(NA)	(NA)
Des Moines	3	1	(X)	1	(D)	(NA)	(NA)	(X)	(NA)	(NA)
Dubuque.....	6	4	(X)	2	(D)	(NA)	(NA)	(X)	(NA)	(NA)
Fayette	6	(D)	(X)	2	(D)	(NA)	(NA)	(X)	(NA)	(NA)
Franklin.....	4	10	(X)	1	(D)	(NA)	(NA)	(X)	(NA)	(NA)
Hancock	3	3	(X)	–	–	(NA)	(NA)	(X)	(NA)	(NA)
Hardin	5	(D)	(X)	–	–	(NA)	(NA)	(X)	(NA)	(NA)
Jackson.....	5	(D)	(X)	–	–	(NA)	(NA)	(X)	(NA)	(NA)
Jasper	3	(D)	(X)	–	–	(NA)	(NA)	(X)	(NA)	(NA)
Jefferson.....	3	4	(X)	1	(D)	(NA)	(NA)	(X)	(NA)	(NA)
Johnson	9	18	(X)	2	(D)	(NA)	(NA)	(X)	(NA)	(NA)
Lee.....	5	4	(X)	2	(D)	(NA)	(NA)	(X)	(NA)	(NA)
Linn	8	(D)	(X)	2	(D)	(NA)	(NA)	(X)	(NA)	(NA)
Louisa	3	(D)	(X)	3	(D)	(NA)	(NA)	(X)	(NA)	(NA)
Marion.....	3	(D)	(X)	–	–	(NA)	(NA)	(X)	(NA)	(NA)
Mitchell	6	2	(X)	1	(D)	(NA)	(NA)	(X)	(NA)	(NA)
Muscatine.....	3	(D)	(X)	1	(D)	(NA)	(NA)	(X)	(NA)	(NA)
Polk	4	11	(X)	2	(D)	(NA)	(NA)	(X)	(NA)	(NA)
Story	3	(D)	(X)	2	(D)	(NA)	(NA)	(X)	(NA)	(NA)
Tama.....	3	(D)	(X)	1	(D)	(NA)	(NA)	(X)	(NA)	(NA)
Van Buren	3	(D)	(X)	–	–	(NA)	(NA)	(X)	(NA)	(NA)
Warren	4	(D)	(X)	2	(D)	(NA)	(NA)	(X)	(NA)	(NA)
Washington	3	(D)	(X)	–	–	(NA)	(NA)	(X)	(NA)	(NA)
All other counties.....	50	80	(X)	13	46	(NA)	(NA)	(X)	(NA)	(NA)
BLACKBERRIES (POUNDS)										
State Total										
Iowa.....	14	4	4 137	1	(D)	15	5	3 357	1	(D)
Counties										
Hardin	3	(Z)	270	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties.....	11	4	3 867	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
TAME BLUEBERRIES (POUNDS)										
State Total										
Iowa.....	5	3	10 450	3	(D)	(NA)	(NA)	(NA)	(NA)	(NA)

Table 32. **Berries Harvested for Sale: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
RASPBERRIES (POUNDS)										
State Total										
Iowa	80	42	52 042	14	10	95	53	66 283	37	25
Counties										
Black Hawk	5	2	1 391	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Clayton	4	3	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Dubuque	3	1	1 070	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Franklin	3	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Hardin	3	1	1 145	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Johnson	6	5	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Linn	4	(Z)	230	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Mitchell	4	2	800	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Story	3	1	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Warren	3	(Z)	460	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties	42	(D)	24 456	7	6	(NA)	(NA)	(NA)	(NA)	(NA)
STRAWBERRIES (POUNDS)										
State Total										
Iowa	132	209	639 011	40	114	147	275	667 150	59	168
Counties										
Benton	3	1	2 500	2	(D)	3	(D)	3 300	2	(D)
Black Hawk	3	(D)	(D)	2	(D)	4	1	3 559	2	(D)
Buchanan	5	3	10 900	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Cedar	4	10	21 000	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Clayton	5	1	6 010	1	(D)	4	2	3 300	1	(D)
Dallas	3	(D)	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Des Moines	3	1	(D)	1	(D)	4	5	(D)	1	(D)
Dubuque	4	3	(D)	1	(D)	4	3	2 990	–	–
Fayette	5	11	71 989	2	(D)	5	7	13 882	–	–
Franklin	3	(D)	10 000	1	(D)	4	12	(D)	4	12
Hardin	3	(D)	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
Jackson	5	15	45 800	–	–	4	(D)	7 800	1	(D)
Johnson	5	11	(D)	1	(D)	4	5	(D)	3	5
Linn	4	2	3 530	1	(D)	8	9	20 650	3	5
Louisa	3	4	6 136	3	4	3	4	18 415	3	4
Mitchell	3	(Z)	750	1	(D)	3	(Z)	900	–	–
Muscatine	3	(D)	(D)	1	(D)	3	1	1 100	2	(D)
Van Buren	3	1	1 700	–	–	4	1	(D)	–	–
Washington	3	1	(D)	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties	62	109	303 046	20	64	(NA)	(NA)	(NA)	(NA)	(NA)

Table 33. **Nursery and Greenhouse Crops, Cut Christmas Trees Harvested, Mushrooms, and Sod Grown for Sale: 1997 and 1992**

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

Geographic area	1997				1992			
	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)
NURSERY AND GREENHOUSE CROPS (SEE TEXT)								
State Total								
Iowa	819	7 590 138	9 737	73 208	518	5 855 432	5 749	57 854
Counties								
Adair	6	(D)	18	19	–	–	–	–
Adams	4	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Allamakee	6	28 976	39	(D)	5	9 368	(D)	203
Benton	17	24 440	158	364	4	(D)	(D)	(D)
Black Hawk	19	705 728	312	4 092	14	241 106	(D)	3 269
Boone	13	(D)	50	(D)	8	(D)	6	(D)
Bremer	6	(D)	72	97	3	(D)	(D)	27
Buchanan	6	–	17	15	(NA)	(NA)	(NA)	(NA)
Buena Vista	5	(D)	25	(D)	3	–	4	9
Carroll	5	(D)	8	(D)	(NA)	(NA)	(NA)	(NA)

Table 33. Nursery and Greenhouse Crops, Cut Christmas Trees Harvested, Mushrooms, and Sod Grown for Sale: 1997 and 1992—Con.

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

Geographic area	1997				1992			
	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)
NURSERY AND GREENHOUSE CROPS (SEE TEXT)—Con.								
Counties—Con.								
Cass	5	(D)	5	(D)	(NA)	(NA)	(NA)	(NA)
Cedar	17	133 170	110	1 502	7	47 500	8	318
Cerro Gordo	15	333 500	323	3 569	7	81 500	(D)	695
Chickasaw	6	(D)	77	45	3	2 600	(D)	(D)
Clarke	4	–	50	(D)	3	(D)	(D)	16
Clay	4	53 778	(D)	530	3	17 500	(D)	163
Clayton	15	25 512	79	540	10	24 850	(D)	191
Clinton	8	(D)	60	96	6	63 400	(D)	591
Dallas	20	90 072	1 700	3 385	11	77 953	182	832
Davis	6	12 650	(D)	133	7	22 500	13	199
Decatur	4	(D)	32	(D)	–	–	–	–
Delaware	8	16 548	(D)	214	3	(D)	–	(D)
Des Moines	10	62 800	(D)	256	12	50 610	9	256
Dickinson	4	–	40	(D)	8	61 500	42	483
Dubuque	18	64 453	48	374	11	101 312	18	337
Fayette	9	32 132	(D)	180	8	113 384	20	213
Floyd	11	(D)	567	(D)	5	78 530	(D)	(D)
Franklin	12	10 060	24	(D)	3	5 880	–	(D)
Fremont	6	(D)	(D)	2 324	(NA)	(NA)	(NA)	(NA)
Grundy	4	(D)	(D)	(D)	–	–	–	–
Guthrie	4	(D)	(D)	(D)	5	(D)	220	255
Hamilton	8	(D)	19	42	(NA)	(NA)	(NA)	(NA)
Hardin	10	180 062	2	596	7	(D)	(D)	399
Harrison	6	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Henry	10	(D)	74	227	6	14 480	(D)	62
Humboldt	3	27 000	–	127	3	19 500	(D)	150
Ida	3	–	9	(D)	–	–	–	–
Iowa	3	(D)	(D)	(D)	3	(D)	(D)	27
Jackson	7	23 500	11	37	7	35 000	(D)	183
Jasper	9	38 184	55	314	13	75 344	13	586
Jefferson	9	(D)	9	117	7	41 784	(D)	357
Johnson	30	87 251	159	992	8	(D)	85	324
Jones	11	39 130	(D)	330	(NA)	(NA)	(NA)	(NA)
Kossuth	3	–	12	(D)	4	(D)	(D)	(D)
Lee	15	260 784	93	2 219	10	216 640	12	1 191
Linn	38	271 100	1 001	3 553	33	221 962	456	2 256
Louisa	6	–	16	84	(NA)	(NA)	(NA)	(NA)
Lucas	4	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Lyon	3	34 008	–	217	3	7 800	–	55
Madison	12	(D)	390	865	5	(D)	(D)	(D)
Mahaska	6	96 376	(D)	656	5	298 000	–	1 087
Marion	6	(D)	102	(D)	9	(D)	38	(D)
Marshall	13	179 248	67	(D)	10	218 180	1	2 379
Mills	4	–	51	(D)	5	–	36	68
Mitchell	13	12 668	15	173	4	(D)	(D)	11
Monroe	4	(D)	(D)	28	2	(D)	–	(D)
Montgomery	7	(D)	18	(D)	1	(D)	–	(D)
Muscatine	8	(D)	31	840	12	63 000	106	1 210
O'Brien	4	(D)	(D)	(D)	3	(D)	(D)	4
Osceola	3	10 460	–	(D)	1	(D)	–	(D)
Page	9	74 788	104	(D)	7	166 768	1 264	8 480
Palo Alto	4	(D)	(D)	(D)	8	3 200	4	(D)
Plymouth	4	–	(D)	(D)	5	19 840	(D)	391
Pocahontas	11	20 980	55	221	7	36 000	–	118
Polk	42	369 492	495	3 737	32	238 932	541	3 660
Pottawattamie	19	(D)	127	(D)	12	830 920	32	2 760
Poweshiek	7	51 000	23	168	2	(D)	(D)	(D)
Ringgold	9	(D)	36	45	1	–	(D)	(D)
Sac	4	(D)	(D)	103	2	(D)	(D)	(D)
Scott	18	82 874	799	2 549	17	94 100	1 104	2 742
Shelby	8	67 280	29	223	5	24 028	(D)	136
Sioux	7	(D)	(D)	(D)	6	(D)	(D)	(D)
Story	16	(D)	150	789	9	(D)	64	1 035
Tama	5	(D)	(D)	(D)	6	(D)	2	57
Union	5	(D)	9	(D)	1	(D)	–	(D)
Van Buren	6	(D)	31	46	4	(D)	(D)	(D)
Wapello	12	(D)	29	263	8	94 560	39	442
Warren	19	(D)	226	85	5	6 900	(D)	58
Washington	7	(D)	41	192	4	(D)	(D)	(D)
Webster	5	(D)	(D)	(D)	3	(D)	(D)	(D)
Winnebago	8	26 504	21	116	5	37 200	(D)	(D)
Winneshiek	14	(D)	254	588	3	(D)	6	(D)
Woodbury	20	90 800	29	1 009	16	116 120	30	1 007
All other counties	25	226 520	87	2 273	(NA)	(NA)	(NA)	(NA)
NURSERY, FLORICULTURE, VEGETABLE AND FLOWER SEED CROPS, SOD, ETC., GROWN IN THE OPEN, IRRIGATED (SEE TEXT)								
State Total								
Iowa	107	(X)	1 876	(X)	95	(X)	3 130	(X)

Table 33. **Nursery and Greenhouse Crops, Cut Christmas Trees Harvested, Mushrooms, and Sod Grown for Sale: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	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)
NURSERY, FLORICULTURE, VEGETABLE AND FLOWER SEED CROPS, SOD, ETC., GROWN IN THE OPEN, IRRIGATED (SEE TEXT)—Con.								
Counties								
Black Hawk	6	(X)	(D)	(X)	(NA)	(X)	(NA)	(X)
Boone	3	(X)	2	(X)	(NA)	(X)	(NA)	(X)
Cerro Gordo	3	(X)	14	(X)	(NA)	(X)	(NA)	(X)
Dallas	7	(X)	(D)	(X)	(NA)	(X)	(NA)	(X)
Johnson	4	(X)	(D)	(X)	(NA)	(X)	(NA)	(X)
Lee	3	(X)	2	(X)	(NA)	(X)	(NA)	(X)
Linn	7	(X)	7	(X)	(NA)	(X)	(NA)	(X)
Madison	4	(X)	41	(X)	(NA)	(X)	(NA)	(X)
Page	5	(X)	(D)	(X)	(NA)	(X)	(NA)	(X)
Polk	8	(X)	62	(X)	(NA)	(X)	(NA)	(X)
Scott	5	(X)	598	(X)	(NA)	(X)	(NA)	(X)
Story	4	(X)	11	(X)	(NA)	(X)	(NA)	(X)
Winneshiek	3	(X)	4	(X)	(NA)	(X)	(NA)	(X)
All other counties	45	(X)	368	(X)	(NA)	(X)	(NA)	(X)
FLORICULTURE CROPS—BEDDING/GARDEN PLANTS, FOLIAGE, POTTED FLOWERING PLANTS, AND CUT FLOWERS, TOTAL								
State Total								
Iowa	295	6 975 991	142	47 546	311	5 261 423	68	33 545
Counties								
Allamakee	3	(D)	–	56	3	9 368	–	(D)
Benton	6	24 440	(D)	122	(NA)	(NA)	(NA)	(NA)
Black Hawk	8	694 028	(D)	3 064	11	(D)	(D)	2 152
Buena Vista	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Cedar	9	(D)	17	1 300	6	(D)	(D)	302
Cerro Gordo	7	(D)	(D)	(D)	6	81 500	(D)	(D)
Clayton	10	25 512	(D)	179	7	(D)	(D)	(D)
Dallas	5	90 072	(D)	660	4	(D)	(D)	(D)
Davis	3	(D)	–	(D)	5	(D)	–	127
Des Moines	6	(D)	(D)	220	8	44 030	–	173
Dubuque	6	54 673	(D)	161	9	101 312	(D)	261
Fayette	6	32 132	(D)	(D)	7	(D)	(D)	124
Franklin	7	(D)	2	12	(NA)	(NA)	(NA)	(NA)
Fremont	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Hardin	8	180 062	1	577	7	(D)	–	(D)
Jackson	3	(D)	(D)	(D)	3	28 000	–	151
Jasper	5	38 184	(D)	207	11	75 344	(D)	370
Jefferson	3	(D)	(D)	(D)	3	(D)	(D)	(D)
Johnson	8	(D)	3	483	(NA)	(NA)	(NA)	(NA)
Jones	4	(D)	(D)	78	(NA)	(NA)	(NA)	(NA)
Lee	8	260 784	(D)	(D)	8	216 640	(D)	(D)
Linn	19	271 100	(D)	1 748	16	(D)	13	1 210
Lyon	3	(D)	–	(D)	(NA)	(NA)	(NA)	(NA)
Madison	4	(D)	17	182	3	(D)	(Z)	3
Mahaska	3	96 376	–	(D)	5	(D)	–	(D)
Marion	3	(D)	–	(D)	4	(D)	–	(D)
Marshall	4	179 248	–	(D)	8	185 700	(D)	2 233
Mitchell	3	(D)	–	(D)	(NA)	(NA)	(NA)	(NA)
Muscatine	4	(D)	(D)	811	7	(D)	(D)	976
Osceola	3	10 460	–	(D)	(NA)	(NA)	(NA)	(NA)
Page	4	74 788	(D)	436	3	(D)	(D)	(D)
Pocahontas	3	8 100	–	64	4	17 000	–	47
Polk	14	358 752	(D)	2 536	13	(D)	–	1 489
Pottawattamie	3	(D)	–	(D)	8	830 920	–	2 615
Scott	4	(D)	–	(D)	9	77 500	1	487
Sioux	5	(D)	(D)	(D)	5	(D)	(D)	(D)
Story	6	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Union	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Wapello	5	(D)	(D)	(D)	4	94 560	–	338
Warren	4	(D)	(D)	11	3	(D)	–	(D)
Webster	3	(D)	(D)	(D)	3	(D)	(D)	(D)
Winnebago	5	26 504	(D)	98	4	37 200	–	104
Winneshiek	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Woodbury	12	(D)	(D)	788	12	107 320	(D)	880
All other counties	54	1 487 493	44	9 619	(NA)	(NA)	(NA)	(NA)

Table 33. Nursery and Greenhouse Crops, Cut Christmas Trees Harvested, Mushrooms, and Sod Grown for Sale: 1997 and 1992—Con.

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

Geographic area	1997				1992			
	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)
BEDDING/GARDEN PLANTS								
State Total								
Iowa	259	4 386 973	80	30 992	274	3 564 824	35	20 134
Counties								
Allamakee	3	6 476	–	(D)	3	(D)	–	34
Benton	6	15 640	(D)	76	(NA)	(NA)	(NA)	(NA)
Black Hawk	8	114 544	(D)	755	9	90 532	(D)	592
Cedar	7	129 170	9	1 272	6	(D)	(D)	(D)
Cerro Gordo	7	270 500	(D)	(D)	4	(D)	–	(D)
Clayton	7	(D)	(D)	138	6	(D)	(D)	95
Dallas	5	(D)	(D)	(D)	4	62 952	(D)	(D)
Davis	3	(D)	–	(D)	5	(D)	–	127
Des Moines	5	(D)	(D)	86	5	(D)	–	(D)
Dubuque	6	54 673	(D)	161	7	(D)	–	252
Fayette	6	32 132	(D)	(D)	6	(D)	(D)	(D)
Franklin	5	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Fremont	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Hardin	6	(D)	(D)	546	6	52 900	–	(D)
Jackson	3	(D)	(D)	(D)	3	25 000	–	130
Jasper	3	26 200	–	165	9	64 344	–	293
Johnson	6	41 251	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Jones	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Lee	7	238 472	8	2 093	7	216 640	(D)	1 186
Linn	16	206 100	5	1 077	14	149 757	(D)	592
Lyon	3	(D)	–	(D)	(NA)	(NA)	(NA)	(NA)
Madison	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Mahaska	3	(D)	–	409	5	172 000	–	610
Marshall	4	179 248	–	(D)	7	(D)	(D)	(D)
Mitchell	3	(D)	–	(D)	(NA)	(NA)	(NA)	(NA)
Muscatine	4	(D)	(D)	(D)	5	49 000	–	913
Osceola	3	10 460	–	(D)	(NA)	(NA)	(NA)	(NA)
Page	3	(D)	(D)	(D)	3	(D)	(D)	(D)
Pocahontas	3	8 100	–	64	4	17 000	–	47
Polk	13	268 312	3	1 758	13	144 016	–	760
Pottawattamie	3	(D)	–	(D)	7	556 276	–	2 349
Scott	4	(D)	–	(D)	7	(D)	(D)	328
Sioux	5	(D)	(D)	(D)	5	(D)	(D)	(D)
Story	3	(D)	–	(D)	(NA)	(NA)	(NA)	(NA)
Wapello	5	(D)	(D)	(D)	4	94 560	–	338
Warren	3	(D)	(D)	(D)	3	(D)	–	(D)
Webster	3	(D)	(D)	(D)	3	(D)	(D)	(D)
Winnebago	5	(D)	(D)	(D)	4	37 200	–	104
Woodbury	12	63 512	(D)	(D)	10	80 800	(D)	746
All other counties	59	836 581	26	4 235	(NA)	(NA)	(NA)	(NA)
CUT FLOWERS AND CUT FLORIST GREENS								
State Total								
Iowa	37	32 164	40	367	41	74 500	26	386
Counties								
Cedar	4	–	8	(D)	(NA)	(NA)	(NA)	(NA)
Story	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
All other counties	30	(D)	(D)	324	(NA)	(NA)	(NA)	(NA)
FOLIAGE PLANTS								
State Total								
Iowa	28	340 294	13	719	46	219 299	(D)	1 801
Counties								
Black Hawk	3	(D)	–	196	6	(D)	(D)	(D)
Polk	3	(D)	(D)	(D)	6	(D)	–	104
All other counties	22	313 590	(D)	(D)	(NA)	(NA)	(NA)	(NA)
POTTED FLOWERING PLANTS								
State Total								
Iowa	79	2 216 560	10	15 468	80	1 402 800	(D)	11 225

Table 33. Nursery and Greenhouse Crops, Cut Christmas Trees Harvested, Mushrooms, and Sod Grown for Sale: 1997 and 1992—Con.

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

Geographic area	1997				1992			
	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)
POTTED FLOWERING PLANTS—Con.								
Counties								
Benton	3	(D)	–	(D)	–	–	–	–
Black Hawk	6	(D)	(D)	2 112	6	130 128	–	1 326
Cerro Gordo	3	(D)	–	130	(NA)	(NA)	(NA)	(NA)
Des Moines	3	(D)	–	(D)	5	(D)	–	(D)
Franklin	3	(D)	(D)	(Z)	–	–	–	–
Lee	3	22 312	–	74	(NA)	(NA)	(NA)	(NA)
Linn	4	65 000	(D)	(D)	3	(D)	–	(D)
Polk	4	75 000	(D)	625	6	82 416	–	625
Scott	3	(D)	–	(D)	3	(D)	(D)	(D)
All other counties	47	1 381 728	10	11 571	(NA)	(NA)	(NA)	(NA)
BULBS, CORMS, RHIZOMES, AND TUBERS (DRY)								
State Total								
Iowa	10	(D)	3	(D)	(NA)	(NA)	(NA)	(NA)
CUT CHRISTMAS TREES HARVESTED (SEE TEXT)								
State Total								
Iowa	290	(X)	1 112	2 655	(NA)	(NA)	(NA)	(NA)
Counties								
Adams	3	(X)	(D)	13	(NA)	(NA)	(NA)	(NA)
Benton	4	(X)	1	10	(NA)	(NA)	(NA)	(NA)
Black Hawk	5	(X)	53	91	(NA)	(NA)	(NA)	(NA)
Boone	3	(X)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Bremer	5	(X)	28	50	(NA)	(NA)	(NA)	(NA)
Buchanan	4	(X)	1	(D)	(NA)	(NA)	(NA)	(NA)
Carroll	3	(X)	8	(D)	(NA)	(NA)	(NA)	(NA)
Cedar	4	(X)	13	24	(NA)	(NA)	(NA)	(NA)
Cerro Gordo	4	(X)	21	23	(NA)	(NA)	(NA)	(NA)
Chickasaw	3	(X)	(D)	18	(NA)	(NA)	(NA)	(NA)
Clayton	8	(X)	32	39	(NA)	(NA)	(NA)	(NA)
Clinton	3	(X)	22	4	(NA)	(NA)	(NA)	(NA)
Dallas	3	(X)	1	(D)	(NA)	(NA)	(NA)	(NA)
Decatur	3	(X)	4	5	(NA)	(NA)	(NA)	(NA)
Delaware	3	(X)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Des Moines	4	(X)	20	17	(NA)	(NA)	(NA)	(NA)
Dubuque	4	(X)	8	(D)	(NA)	(NA)	(NA)	(NA)
Floyd	5	(X)	5	20	(NA)	(NA)	(NA)	(NA)
Franklin	5	(X)	20	21	(NA)	(NA)	(NA)	(NA)
Hamilton	6	(X)	17	9	(NA)	(NA)	(NA)	(NA)
Harrison	3	(X)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Henry	9	(X)	34	134	(NA)	(NA)	(NA)	(NA)
Iowa	3	(X)	10	(D)	(NA)	(NA)	(NA)	(NA)
Jefferson	4	(X)	4	33	(NA)	(NA)	(NA)	(NA)
Johnson	14	(X)	48	78	(NA)	(NA)	(NA)	(NA)
Jones	4	(X)	9	44	(NA)	(NA)	(NA)	(NA)
Kossuth	3	(X)	12	(D)	(NA)	(NA)	(NA)	(NA)
Lee	6	(X)	77	20	(NA)	(NA)	(NA)	(NA)
Linn	9	(X)	97	80	(NA)	(NA)	(NA)	(NA)
Louisa	4	(X)	7	82	(NA)	(NA)	(NA)	(NA)
Lucas	3	(X)	(D)	20	(NA)	(NA)	(NA)	(NA)
Madison	4	(X)	12	267	(NA)	(NA)	(NA)	(NA)
Marshall	8	(X)	28	105	(NA)	(NA)	(NA)	(NA)
Mitchell	5	(X)	11	91	(NA)	(NA)	(NA)	(NA)
Palo Alto	3	(X)	6	(D)	(NA)	(NA)	(NA)	(NA)
Polk	16	(X)	56	156	(NA)	(NA)	(NA)	(NA)
Pottawattamie	5	(X)	40	81	(NA)	(NA)	(NA)	(NA)
Poweshiek	3	(X)	17	(D)	(NA)	(NA)	(NA)	(NA)
Ringgold	4	(X)	1	4	(NA)	(NA)	(NA)	(NA)
Scott	4	(X)	15	(D)	(NA)	(NA)	(NA)	(NA)
Story	4	(X)	22	20	(NA)	(NA)	(NA)	(NA)
Union	3	(X)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Wapello	5	(X)	11	18	(NA)	(NA)	(NA)	(NA)
Warren	10	(X)	21	26	(NA)	(NA)	(NA)	(NA)
Winneshiek	7	(X)	31	111	(NA)	(NA)	(NA)	(NA)
Woodbury	8	(X)	9	23	(NA)	(NA)	(NA)	(NA)
All other counties	57	(X)	185	439	(NA)	(NA)	(NA)	(NA)

Table 33. **Nursery and Greenhouse Crops, Cut Christmas Trees Harvested, Mushrooms, and Sod Grown for Sale: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	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)
NURSERY CROPS								
State Total								
Iowa	188	253 682	2 266	13 089	181	359 969	3 054	17 821
Counties								
Benton	8	–	41	170	(NA)	(NA)	(NA)	(NA)
Black Hawk	7	(D)	55	616	5	(D)	(D)	(D)
Boone	5	–	21	43	(NA)	(NA)	(NA)	(NA)
Cedar	5	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Cerro Gordo	3	–	(D)	566	(NA)	(NA)	(NA)	(NA)
Dallas	6	–	35	152	5	(D)	7	34
Dubuque	7	(D)	31	86	3	–	(D)	76
Floyd	4	(D)	(D)	(D)	3	(D)	(D)	(D)
Jasper	3	–	34	(D)	4	–	(D)	216
Johnson	8	–	59	119	6	(D)	(D)	(D)
Jones	3	–	1	(D)	–	–	–	–
Linn	11	–	155	523	14	(D)	132	453
Madison	4	–	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Mills	4	–	(D)	78	5	–	(D)	(D)
Mitchell	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Polk	17	(D)	181	797	16	(D)	(D)	(D)
Pottawattamie	6	–	69	217	3	–	(D)	(D)
Scott	4	–	(D)	44	8	(D)	43	(D)
Shelby	4	(D)	(D)	48	(NA)	(NA)	(NA)	(NA)
Story	4	(D)	33	70	5	(D)	21	(D)
Winneshiek	5	–	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Woodbury	3	–	(D)	110	5	(D)	27	(D)
All other counties	64	89 720	688	5 218	(NA)	(NA)	(NA)	(NA)
SOD HARVESTED								
State Total								
Iowa	49	(X)	4 029	6 748	35	(X)	2 399	5 033
Counties								
Cerro Gordo	3	(X)	169	137	(NA)	(X)	(NA)	(NA)
Dallas	7	(X)	1 642	2 550	4	(X)	167	483
Linn	7	(X)	698	1 193	3	(X)	(D)	(D)
Polk	3	(X)	(D)	(D)	3	(X)	(D)	(D)
Scott	5	(X)	725	1 778	3	(X)	1 060	1 750
Story	5	(X)	90	95	(NA)	(X)	(NA)	(NA)
All other counties	19	(X)	(D)	(D)	(NA)	(X)	(NA)	(NA)
VEGETABLE AND FLOWER SEEDS								
State Total								
Iowa	23	25 299	213	348	24	17 650	201	215
GREENHOUSE VEGETABLES								
State Total								
Iowa	33	256 176	(X)	1 429	32	131 180	(X)	392
Counties								
Black Hawk	3	2 340	(X)	8	(NA)	(NA)	(X)	(NA)
Pocahontas	3	11 880	(X)	(D)	(NA)	(NA)	(X)	(NA)
All other counties	27	241 956	(X)	(D)	(NA)	(NA)	(X)	(NA)
OTHER NURSERY AND GREENHOUSE CROPS								
State Total								
Iowa	179	56 740	1 971	1 260	10	19 310	(D)	225

Table 33. **Nursery and Greenhouse Crops, Cut Christmas Trees Harvested, Mushrooms, and Sod Grown for Sale: 1997 and 1992**—Con.

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

Geographic area	1997				1992			
	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)
OTHER NURSERY AND GREENHOUSE CROPS—Con.								
Counties								
Allamakee	3	(D)	39	(D)	(NA)	(NA)	(NA)	(NA)
Benton	5	–	89	(D)	(NA)	(NA)	(NA)	(NA)
Bremer	3	–	(D)	3	(NA)	(NA)	(NA)	(NA)
Chickasaw	3	–	(D)	3	(NA)	(NA)	(NA)	(NA)
Clayton	4	–	14	(D)	(NA)	(NA)	(NA)	(NA)
Dallas	5	–	(D)	8	(NA)	(NA)	(NA)	(NA)
Decatur	3	–	(D)	3	(NA)	(NA)	(NA)	(NA)
Dickinson	3	–	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Dubuque	4	(D)	(D)	40	(NA)	(NA)	(NA)	(NA)
Floyd	5	–	47	6	(NA)	(NA)	(NA)	(NA)
Johnson	10	–	49	(D)	(NA)	(NA)	(NA)	(NA)
Jones	3	–	(D)	3	(NA)	(NA)	(NA)	(NA)
Linn	3	–	(D)	10	(NA)	(NA)	(NA)	(NA)
Louisa	3	–	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Monroe	3	–	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Polk	16	(D)	196	(D)	(NA)	(NA)	(NA)	(NA)
Pottawattamie	3	–	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Ringgold	4	–	10	4	(NA)	(NA)	(NA)	(NA)
Scott	3	–	(D)	3	(NA)	(NA)	(NA)	(NA)
Wapello	3	–	13	3	(NA)	(NA)	(NA)	(NA)
Warren	6	–	159	6	(NA)	(NA)	(NA)	(NA)
Washington	3	(D)	5	2	(NA)	(NA)	(NA)	(NA)
Winneshiek	5	–	55	5	(NA)	(NA)	(NA)	(NA)
Woodbury	6	(D)	9	88	(NA)	(NA)	(NA)	(NA)
All other counties	70	8 528	658	196	(NA)	(NA)	(NA)	(NA)

Table 34. **Other Crops: 1997 and 1992**

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
CORN CUT FOR DRY FODDER, HOGGED OR GRAZED										
State Total										
Iowa	6	128	(X)	–	–	12	644	(X)	–	–
GINSENG (POUNDS)										
State Total										
Iowa	3	1	1 315	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
HERBS, TOTAL (SEE TEXT) (POUNDS)										
State Total										
Iowa	12	(D)	(X)	4	1	(NA)	(NA)	(X)	(NA)	(NA)
HERBS, DRIED (POUNDS)										
State Total										
Iowa	3	(D)	3 733	–	–	(NA)	(NA)	(NA)	(NA)	(NA)
MAPLE TREES TAPPED (SEE TEXT) (NUMBER OF TAPS)										
State Total										
Iowa	10	290	5 132	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
Counties										
Winneshiek	3	240	3 892	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties	7	50	1 240	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)

Table 34. **Other Crops: 1997 and 1992**—Con.

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

Geographic area	1997					1992				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
SORGHUM FOR SIRUP (POUNDS)										
State Total										
Iowa	5	(D)	56 880	–	–	3	4	4 796	–	–
OTHER										
State Total										
Iowa	23	552	(X)	–	–	20	112	(X)	2	(D)

Table 35. **Farms Operated by Black and Other Races by Value of Sales and Occupation: 1997 and 1992**

[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					
						Occupation farming			Occupation other than farming		
	Farms	Acres	Farms	Acres		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
STATE TOTAL											
Iowa 1997	123	34 181	89	21 408	9 686	5	2	49	30	14	23
1992	87	18 801	71	10 213	4 063	8	6	32	16	13	12
COUNTIES, 1997											
Adams	4	4 404	3	1 744	452	–	–	3	1	–	–
Black Hawk	4	82	4	(D)	15	1	–	–	1	2	–
Cedar	3	226	2	(D)	(D)	–	–	2	–	1	–
Clayton	3	536	2	(D)	(D)	–	–	2	1	–	–
Crawford	3	(D)	2	(D)	(D)	–	–	2	–	1	–
Harrison	3	(D)	2	(D)	(D)	1	–	1	–	–	1
Lee	4	846	2	(D)	(D)	1	–	1	2	–	–
Linn	5	370	4	339	191	–	–	2	1	1	1
Madison	3	(D)	3	(D)	(D)	–	–	1	2	–	–
Mills	3	125	–	–	(D)	1	–	–	2	–	–
Polk	5	351	2	(D)	(D)	–	–	–	3	–	2
Pottawattamie	5	585	4	386	122	–	–	1	–	2	2
Sioux	3	1 075	3	1 049	835	–	–	3	–	–	–
Story	4	(D)	4	(D)	(D)	–	–	1	2	1	–
Taylor	3	277	–	–	(D)	–	–	–	1	–	2
Van Buren	4	1 417	2	(D)	(D)	–	–	–	2	2	–
Warren	5	579	3	115	27	1	–	–	2	–	2
All other counties	59	19 915	47	13 910	6 178	–	2	30	10	4	13

Table 36. **Farms Operated by Black and Other Races by Tenure: 1997 and 1992**

[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
STATE TOTAL									
Iowa 1997	72	8 427	3 852	35	21 706	14 220	16	4 048	3 336
1992	54	6 155	3 359	23	9 163	4 939	10	3 483	1 915
COUNTIES, 1997									
Adams	–	–	–	4	4 404	1 744	–	–	–
Lee	4	846	(D)	–	–	–	–	–	–
Linn	3	(D)	(D)	–	–	–	2	(D)	(D)
Mills	3	125	–	–	–	–	–	–	–
Polk	4	(D)	(D)	–	–	–	1	(D)	–
Pottawattamie	5	585	386	–	–	–	–	–	–
Sioux	–	–	–	3	1 075	1 049	–	–	–
Story	3	(D)	(D)	–	–	–	1	(D)	(D)
Van Buren	3	(D)	(D)	1	(D)	(D)	–	–	–
Warren	5	579	115	–	–	–	–	–	–
All other counties	42	4 624	2 827	27	(D)	(D)	12	3 438	2 746

Table 37. **Operators by Selected Racial Groups: 1997 and 1992**

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

Geographic area	All farms		Farms with sales of $10,000 or more	
	Farms	Land in farms	Farms	Land in farms
BLACK				
State Total				
Iowa 1997	35	10 843	24	10 316
1992	32	6 107	19	5 450
Counties, 1997				
Pottawattamie	3	(D)	2	(D)
All other counties	32	(D)	22	(D)
AMERICAN INDIAN				
State Total				
Iowa 1997	50	12 421	28	10 193
1992	26	4 612	12	4 046
Counties, 1997				
Adams	3	(D)	2	(D)
Linn	3	(D)	3	(D)
Polk	3	(D)	–	–
Van Buren	3	(D)	–	–
Warren	3	(D)	–	–
All other counties	35	9 029	23	8 405
ASIAN OR PACIFIC ISLANDER				
State Total				
Iowa 1997	22	3 869	9	2 420
1992	19	3 918	9	3 751
OTHER RACES (SEE TEXT)				
State Total				
Iowa 1997	16	7 048	11	6 664
1992	10	4 164	4	3 306

Table 38. **Operators of Spanish, Hispanic, or Latino Origin: 1997 and 1992**

[For classification of Spanish, Hispanic, or Latino origin, see text. For meaning of abbreviations and symbols, see introductory text]

Geographic area	All farms		Farms with sales of $10,000 or more	
	Farms	Land in farms	Farms	Land in farms
STATE TOTAL				
Iowa 1997	343	125 106	272	118 666
1992	187	67 935	144	63 279
COUNTIES, 1997				
Adair	4	2 226	4	2 226
Adams	3	2 855	3	2 855
Allamakee	3	570	1	(D)
Benton	5	2 705	4	(D)
Black Hawk	3	1 728	3	1 728
Buchanan	3	(D)	2	(D)
Buena Vista	4	1 149	4	1 149
Butler	4	1 035	4	1 035
Calhoun	3	372	2	(D)
Cass	3	1 809	3	1 809
Cerro Gordo	3	(D)	3	(D)
Cherokee	3	(D)	2	(D)
Chickasaw	7	1 818	5	(D)
Clay	4	700	3	(D)
Clayton	12	2 097	8	1 464
Clinton	3	(D)	2	(D)
Des Moines	3	1 802	3	1 802
Dubuque	8	2 771	7	(D)
Emmet	3	666	3	666
Fayette	3	1 511	3	1 511
Floyd	3	834	3	834
Franklin	4	2 462	4	2 462
Fremont	3	(D)	3	(D)
Guthrie	6	2 282	4	(D)
Hardin	4	3 768	4	3 768
Harrison	4	1 702	4	1 702
Humboldt	4	2 796	4	2 796
Ida	3	395	3	395
Jackson	7	1 385	2	(D)
Jasper	8	4 086	6	(D)

Table 38. **Operators of Spanish, Hispanic, or Latino Origin: 1997 and 1992**—Con.

[For classification of Spanish, Hispanic, or Latino origin, see text. For meaning of abbreviations and symbols, see introductory text]

Geographic area	All farms		Farms with sales of $10,000 or more	
	Farms	Land in farms	Farms	Land in farms
COUNTIES, 1997—Con.				
Jefferson	3	611	1	(D)
Johnson	4	413	2	(D)
Jones	3	320	1	(D)
Keokuk	5	981	4	(D)
Kossuth	4	2 646	4	2 646
Linn	4	760	3	(D)
Louisa	3	1 530	3	1 530
Lyon	11	2 365	11	2 365
Madison	8	2 044	4	1 846
Mahaska	5	2 455	3	(D)
Marion	4	1 589	4	1 589
Mills	4	310	2	(D)
Mitchell	7	2 071	6	(D)
Monroe	3	547	3	547
Montgomery	5	1 244	5	1 244
O'Brien	5	1 405	4	(D)
Palo Alto	3	1 420	3	1 420
Plymouth	4	1 014	4	1 014
Pottawattamie	6	1 815	5	(D)
Poweshiek	3	156	–	–
Sac	3	2 222	3	2 222
Scott	4	956	3	(D)
Shelby	5	1 892	4	(D)
Sioux	6	962	6	962
Story	8	2 506	7	(D)
Tama	3	(D)	1	(D)
Taylor	4	564	1	(D)
Union	4	876	3	(D)
Van Buren	7	1 589	2	(D)
Wapello	3	1 502	3	1 502
Warren	6	1 157	4	(D)
Washington	4	1 262	4	1 262
Webster	6	2 973	6	2 973
Winnebago	3	1 242	2	(D)
Winneshiek	6	2 537	4	(D)
Woodbury	4	577	4	577
Worth	5	1 809	5	1 809
All other counties	38	24 814	32	24 141

Table 39. **Farms With Grazing Permits: 1997 and 1992**

[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
FARMS WITH GRAZING PERMITS												
State Total												
Iowa 1997	32	6 968	13	12	3	3	1	–	10	15	6	14
1992	263	99 118	76	61	69	43	10	4	22	30	11	225
Counties, 1997												
Cherokee	3	(D)	2	–	1	–	–	–	1	1	1	2
Clinton	6	1 822	2	3	–	–	1	–	–	4	1	3
Jefferson	4	135	4	–	–	–	–	–	–	2	–	2
Lucas	3	997	–	1	2	–	–	–	2	–	–	1
Story	3	(D)	1	2	–	–	–	–	1	3	1	–
All other counties	13	3 190	4	6	–	3	–	–	6	5	3	6

Appendix A.
General Explanation

DATA COLLECTION

Method of Enumeration

All agriculture censuses beginning with the 1969 census have primarily used mailout/mailback data collection for each State. Direct enumeration methods were used for the agriculture censuses in Guam, U.S. Virgin Islands, and the Commonwealth of Northern Mariana Islands. Puerto Rico used mail as the primary contact method, but relied heavily on telephone and personal interviews and an area frame survey for followup activity. The report for each territory includes a discussion of its method of enumeration.

Mail List

The mail list for the 1997 census was comprised of individuals, businesses, and organizations that could be identified as associated with agriculture. The list was assembled from previous census records, U.S. Department of Agriculture (USDA) mail registers, and other authorized sources. In an attempt to maximize the coverage of active farm operators, names and addresses were obtained from State and Federal agencies, trade associations, and similar organizations. The variety of list sources utilized helped insure representation of specialized interests such as nurseries and greenhouses; poultry, fish, and livestock farms; cattle feedlot operations; maple syrup producers; and Christmas tree growers.

Lists of companies having one or more establishments/locations producing agricultural products were obtained from the 1992 census and updated using information from the Standard Statistical Establishment List maintained by the Bureau of the Census. Exhaustive record linkage, unduplication, and mathematical modeling yielded an initial mail list of 3.31 million names and addresses which had a substantial probability of being farm operations.

To refine these 3.31 million names even further, a screening operation was conducted prior to mailout which identified about 125,570 names as nonfarms. Finally, NASS's State Statistical Offices (SSOs) added approximately 13,000 names which brought the final mail list to approximately 3.2 million.

Report Forms

In 1997, two report forms were used—a sample form and a nonsample form (which helped minimize respondent burden). The sample form contained all questions asked on the nonsample form plus additional questions on commercial fertilizer, chemicals, production expenses, machinery and equipment, value of land and buildings, income from farm-related sources, and hired workers. The additional information collected on the sample forms provided a good basis for making estimates of these items for all farms. There were 11 regional versions of the nonsample form and 13 regional versions of the sample form with the prelisted crops varying by region. Appendix D contains copies of the sample form and the information sheet.

The sample form was mailed to approximately 814,000 addresses on the mail list, including 1) all those expected to be large (based on expected sales or acreage), 2) all farms operated by multi-establishment companies or nonprofit organizations, 3) all those in Alaska, Hawaii, and Rhode Island, 4) those in a county that had less than 100 farms in 1992, and 5) a sample of other addressees. The nonsample form was mailed to the remaining 2.37 million 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.

Data Collection Outreach/Promotional Efforts

Promotional and outreach programs were primarily handled by the NASS State Statistical Offices (SSOs) rather than from the NASS headquarters; similar programs in past censuses were conducted from a central, national-level office. The Census Division of NASS coordinated the overall effort through the national headquarters of the various USDA agencies and prepared many materials that the SSOs could customize to meet their specific requirements.

Information kits containing a mixture of census materials such as brochures, report forms, fact sheets, press releases, answers to frequently asked questions, posters, print and radio/television advertisements, and various other items were distributed, as appropriate, to many public and private groups. Also included in these information kits was the 1997 Census of Agriculture Report Form Guide which described and defined various items in greater detail than was available in the instructions that accompanied each report form.

The most common recipients of the information kits were county service centers, extension offices, farm-supply retail stores and cooperatives, Farm Service Agency and Natural

Resources Conservation Service offices, State and local farmer organizations, commodity groups, State departments of agriculture, commissioners of agriculture, governors, and vocational agriculture instructors. Kits were distributed by mail and through personal visits by field enumerators and SSO staff.

SSOs worked with the commissioners of agriculture, governors, and other officials to obtain written proclamations and verbal support of the census in their speeches and public appearances. To improve the coverage of minorities, SSOs made special promotional efforts through direct contacts with 1890 land-grant universities, Native American tribal leaders, limited resource farm organizations, and women's associations.

INITIAL MAILING

Most report forms were mailed in late December 1997 to individuals, businesses, and organizations on the mail list. Approximately 34,000 report forms were not mailed but given directly to the SSOs for data collection to ease respondent burden for operators selected to participate in other NASS surveys. The mail packages included a report form with a cover letter, an information sheet containing instructions for completing the form, and a postage-paid return envelope. Special instructions were included with report forms sent to grazing associations, American Indian reservations, Christmas tree growers, maple producers, and firms with multiple farm or ranch operations.

For the first time in 1997, the census counted the number of individual American Indian farmers or ranchers that operated within the boundaries of American Indian reservations. Each reservation was asked to complete an additional one-page report form (called an R1 form, see appendix D) that asked for the number of American Indians within their borders who had an agricultural operation that met the $1,000 sales definition of a farm. It was not required that these operators be individually listed by name to be counted.

Followup Procedures

A thank you/reminder card was mailed to everyone on the mail list in early January 1998. In mid-February and again in late March, a followup letter, census report form, and information sheet were sent to each nonrespondent.

Telephone calling began in the State offices in early February. Calls were made to 1992 census nonrespondents who had not yet responded to the 1997 Census of Agriculture. In early March, telephone calls were made to operators of large farms who had not responded. In addition, from early April until late May, telephone calls were made to all remaining nonrespondents to encourage them to respond to the census and to ensure a minimum 75 percent response rate in each county in the U.S. 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 CHANGES

Prior to each agriculture census, the content of the census report forms and publication tables is reviewed to eliminate items no longer needed, identify necessary new items, and modify existing items to better describe the agricultural situation in the Nation. Data requests are solicited from farm organizations, land-grant colleges and universities, State and Federal agencies, State departments of agriculture, agribusinesses, the Advisory Committee on Agriculture Statistics and others. Each user is asked to identify and justify its specific data needs. The following paragraphs explain the major changes made to the 1997 census data.

In 1992, farms that had all their acreage in the Conservation Reserve Program were not included in the data for all farms. For the 1997 census, these farms are included in the data for all farms.

For the 1997 census, data for land under federal acreage reduction programs and Commodity Credit Corporation loans for honey and rye were not included, because these items were eliminated by the 1996 Farm Bill.

The following data inquiries were added: 1) Cut Christmas trees harvested, 2) Short rotation woody crops, 3) Maple trees tapped, and 4) Number of American Indian operators on reservations (obtained by an additional form mailed to each reservation).

DATA PROCESSING

Selected report forms, including those with attached correspondence, remarks, or no positive data on the front page, were reviewed prior to data keying.

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 1992 and 1997. Sizeable historical differences were resolved or verified by telephone. Prior to publication, tabulated totals for each State were reviewed by State statisticians to identify inconsistencies and potential coverage problems. Comparisons were made with previous census data, official NASS Agricultural Statistics Board numbers, and other available check data.

DEFINITIONS AND EXPLANATIONS

The following definitions and explanations provide a detailed description of specific terms and phrases used in this publication. Items in the publication tables which carry

the note ''See text'' also are explained. For an exact wording of the questions on the 1997 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 noted here.

Abnormal farms. This category includes institutional, experimental, and research farms. Research farms include farms operated by private companies as well as those operated by universities, colleges, and government organizations for the purpose of expanding agricultural knowledge.

Acres and quantity harvested. Crops were reported in whole acres, except for the following crops which were reported in 10ths of acres: potatoes, sweetpotatoes, tobacco, fruit and nut crops including land in orchards, berries, vegetables, nursery and greenhouse crops in the open, 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. Ginseng was reported in 10ths of acres for Wisconsin and Michigan, and it is published in 10ths of acres for all States. Nursery and greenhouse crops grown under glass or other protection were reported in square feet and are published in square feet.

If two or more crops were harvested from the same land during the year, the acres were counted for each crop. Therefore, the total acres of all crops harvested generally exceeded the acres of cropland harvested. An exception to this procedure was hay crops.

When more than one cutting of hay was taken from the same acres, the acres were counted only once but the quantity harvested included all cuttings. Hay cut for both dry hay and green chop or silage was to 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, cropland in cultivated summer fallow, 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.

Age of operator. See Operator characteristics; Farms by age and principal occupation of operator.

Agricultural chemicals used, including fertilizer. For each type of agricultural chemical, the acres treated were to be reported only once even if the acres were fertilized or treated more than once. If multipurpose chemicals were used, the acres treated for each purpose were to be reported.

American Indian farm operators, total. This item, as it appears in appendix B, is new for the 1997 census. Data represent the number of American Indian farm operators reporting individually by replying to their own census report form and those who did not report individually but were counted on a supplemental report form. Agricultural production for these operators was collected on their respective reservation report. This ''total'' in appendix B is not the same as the ''total'' in county table 37. The ''total'' in county table 37 equals the number of operators in appendix B reported individually plus the number of reservations from State table 19.

Bedding/garden plants. In 1992, this category was called ''bedding plants.'' Bedding plants are referred as ''bedding/garden plants'' for 1997. This is a wording change; all data are comparable.

Black and other races. This category includes Blacks, American Indians (Native Americans), Asian or Pacific Islanders, and all other racial groups other than White.

Canola and other rapeseed. Canola and other rapeseed is a total of canola (edible rapeseed) and industrial rapeseed.

Chemicals. See Agricultural chemicals used, including fertilizer; total farm production expenses-Agricultural chemicals.

Cherries. 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 were an important fruit crop, sweet cherries and tart cherries were listed separately. On the other regional forms, cherries were prelisted or could be written in. For publication purposes, total cherries could be shown along with the individual breakdown of sweet cherries, tart cherries, or nonspecified cherries. Nonspecified cherries were 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 for a given State.

Chickens 3 months old or older. See Layers and pullets 13 weeks old and older.

Citrus enumeration. 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 since 1969 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 form.

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/she had already reported for the citrus under his/her care and that the grove owner was not to report the citrus again. In the 1997 census, 16 caretakers in Arizona reported 120 grove owners having 19,100 acres of citrus; 75 caretakers in Florida reported 1,950 grove owners having 142,000 acres of citrus; and 10 caretakers in Texas reported 330 grove owners having 13,000 acres of citrus.

Coffee (parchment). In Hawaii, coffee could be reported in pounds parchment or pounds cherry.

Colonies of 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.

Commodity Credit Corporation loans. This category includes loans for corn, wheat, soybeans, sorghum, barley, oats, cotton, sunflower seed, flaxseed, safflower, canola, other rapeseed, mustard seed, peanuts, rice, and tobacco. Honey and rye were removed for 1997 due to their exclusion from the 1996 farm bill.

Conservation Reserve Programs or Wetlands Reserve Programs. See Cropland in the Conservation Reserve Programs (CRP) or Wetlands Reserve Programs (WRP).

Crop units of measure-field crops. 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 units different than the unit of measure published, the quantity harvested was converted to the published unit of measure.

Crop units of measure-fruit crops. For fruit, citrus, and nut crops the operator was given a choice of reporting the units of measure in pounds, tons, boxes or bins.

Crop year or season covered. Acres and quantity harvested are for the calendar year 1997 except for citrus fruits, avocados, vegetables, and sugarcane for sugar in Florida; sugarcane for sugar and citrus fruits in Texas; pineapples and coffee in Hawaii; and avocados and olives in California.

Avocados. The data for California relate to the quantity harvested in the November 1996 through November 1997 harvest season and for Florida the April 1997 through March 1998 harvest season.

Citrus fruits. The data for Florida relate to the quantity harvested in the September 1996 through July 1997 harvest season, except limes and avocados that were harvested in the April 1997 through March 1998 harvest season. The data for Texas relate to the quantity harvested in the September 1996 through May 1997 harvest season. The data for States other than Florida and Texas relate to the quantity harvested in the 1996-97 harvest season.

Coffee. The data for Hawaii relate to the 1996-97 crop.

Olives. The data for California relate to the quantity harvested in the September 1996 through March 1997 harvest season.

Pineapples. The data for Hawaii relate to the quantity harvested in the year ending May 31, 1997.

Sugarcane for sugar. The data for Florida relate to the cuttings from November 1996 through April 1997, and for Texas the cuttings from October 1996 through April 1997.

Vegetables. The data for Florida relate to the crop harvested from September 1996 through August 1997.

Cropland, harvested. See Harvested cropland.

Cropland in the Conservation Reserve Programs (CRP) or Wetlands Reserve Programs (WRP). These categories include acres of ''highly erodible'' cropland taken out of agricultural production and planted in protective cover crops or reforested. The Food, Agriculture, Conservation, and Trade Act of 1990 amended the Conservation Reserve Program (CRP) authorized by the Food Security Act of 1985. The 1990 Act continued the CRP and put greater emphasis on preserving and upgrading water quality by establishing a WRP that provides for annual rental payments and shared costs of conservation practices through a minimum ten-year contract with the USDA. For the 1997 census, places with land enrolled in the CRP or WRP were counted as farms, given they received $1,000 or more in government payments, even if they had no sales and otherwise lacked the potential to have $1,000 or more in sales.

Cropland, irrigated. See Irrigated land.

Cropland, other. See Other cropland.

Cropland, total. See Total cropland.

Cropland used only for pasture or grazing. This category includes land used only for pasture or grazing which could have been used for crops without additional improvement. Also included was all cropland used for rotation pasture. However, cropland which was pastured before or after crops were harvested was to be included as harvested cropland rather than cropland for pasture or grazing.

Customwork income. See Farm-related income -Customwork and other agricultural services.

Customwork, machine hire, and rental of machinery and equipment. See Total farm production expenses-Customwork, machine hire, and rental of machinery and equipment.

Cut Christmas trees harvested. This item is new for 1997. Data are for acres of cut Christmas trees harvested and value of sales. Acres of uncut Christmas trees were reported as other nursery and greenhouse crops. Live Christmas trees sold were reported as nursery crops.

Data are based on a sample of farms. For censuses since 1978, selected data were collected from only a sample of farms. These data are subject to sampling error. For 1997, the sample form was mailed to approximately 25 percent of all farms, including all large and specialized farms (based on expected sales, acres, or standard industrial classification), and all farms in Alaska, Hawaii, and Rhode Island. Sections 21 through 27 of the 1997 sample form included questions on commercial fertilizer, chemicals, production expenses, machinery and equipment, value of land and buildings, income from farm-related sources. Estimates of the reliability of State totals for most items are shown in tables C and D of appendix C. Estimates of the reliability of county totals for selected items are shown in table F of appendix C.

Direct sales to consumers. See Value of agricultural products sold directly to individuals for human consumption.

Expenses. See Total farm production expenses.

Farm-related income. Income from farm-related sources consists of gross income received in 1997 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. The data exclude income from employment or business activities which are separate from the farm business.

Changes in items comprising farm-related income occurred between 1992 and 1997. Cut Christmas tree sales and maple product sales were included as farm-related income in 1992. These items are included in the appropriate crop production sales for 1997.

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 constituted a separate business or was 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 sales of standing timber, gum for naval stores, firewood, and other forest products from the farm business. It excludes income from nonfarm timber tracts, sawmill businesses, cut Christmas trees and maple products.

Other farm-related income sources. This income includes gross receipts from hunting leases, fishing fees, camping, other recreational services, patronage dividends from farm cooperatives, sales of farm by-products, and other sales and services closely related to the farm business. It excludes income from nonfarm businesses.

Farms by age and principal occupation of operator. Data on age and principal occupation were requested from all operators in 1997. The principal occupation classifications used were as follows:

Farming. The operator spent 50 percent or more of his/her worktime in 1997 at farming or ranching.

Other. The operator spent more than 50 percent of his/her worktime in 1997 at occupations other than farming or ranching.

Farms by combined government payments and market value of agricultural products sold (State table 52). This table can be compared to data by market value of agricultural products sold in State Table 50 to analyze the difference in economic size when government payments are added to value of sales. Combined sales and government payments may be a better measure of economic size of farm, because government payments coupled with sales represent all incoming resources of an operation.

Farms by market value of agricultural products sold or value of sales. All farms were tabulated by size based on reported sales. 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, or receiving government payments of $1,000 or more. These farms normally would be expected to sell $1,000 or more of agricultural products.

The sales size categories used are consistent with the standard business size categories issued by the Office of Management and Budget (OMB) in 1982. In State table 50, 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 prior census classifications.

Farms by North American Industry Classification System (NAICS). For 1997, all agricultural production establishments (farms, ranches, nurseries, greenhouses, etc.) were classified by type of activity or activities using the North American Industry Classification System (NAICS) and the Standard Industrial Classification System (SIC). See appendix E for an explanation of the conversion from the SIC to the NAICS.

The NAICS classifies economic activities. It was jointly developed by Mexico, Canada, and the United States. The NAICS will make it possible to produce comparable industrial statistics for Mexico, Canada, and the United States. The NAICS is scheduled to go into effect for reference year 1997 in Canada and the United States and 1998 in Mexico.

NAICS was developed to provide a consistent framework for the collection, analysis, and dissemination of industrial statistics used by government policy analysts, academics and researchers, the business community, and the public. It is the first industry classification system that was developed in accordance with a single principle of aggregation−that production units using similar production processes should be grouped together. Though NAICS differs from other industry classification systems, statistics compiled on NAICS are comparable with statistics compiled according to the latest revision of the United Nations' International Standard Industrial Classification (ISIC, Revision 3) for some sixty high level groupings. Following are explanations of the major classifications used in the 1997 census.

Oilseed and grain farming (1111). Comprises establishments primarily engaged in (1) growing oilseed and/or grain crops and/or (2) producing oilseed and grain seeds. These crops have an annual life cycle and are typically grown in open fields.

Vegetable and melon farming (1112). Contains establishments primarily engaged in one or more of the following: (1) growing vegetables and/or melon crops; (2) producing vegetable and melon seeds; and (3) growing vegetable and/or melon bedding plants.

Fruit and tree nut farming (1113). Comprises establishments primarily engaged in growing fruit and/or tree nut crops. These crops are generally not grown from seeds and have a perennial life cycle.

Greenhouse, nursery, and floriculture production (1114). Comprises establishments primarily engaged in growing crops of any kind under cover and/or growing nursery stock and flowers. ''Under cover'' is generally defined as greenhouses, cold frames, cloth houses, and lath houses. Crops grown are removed at various stages or maturity and have annual and perennial life cycles. The nursery stock includes short rotation woody crops, such as Christmas trees, that have a growing and harvesting cycle of 10 years or less.

Tobacco farming (11191). Comprises establishments primarily engaged in growing tobacco.

Cotton farming (11192). Comprises establishments primarily engaged in growing cotton.

Sugarcane farming (11193). Comprises establishments primarily engaged in growing sugarcane.

Hay farming (11194). Comprises establishments primarily engaged in growing hay, alfalfa, clover, and/or mixed hay.

All other crop farming (11199). Comprises establishments primarily engaged in (1) growing crops (except oilseeds and/or grains; vegetables and/or melons; fruits and/or tree nuts; greenhouse, nursery and/or floriculture products; tobacco; cotton; sugarcane; or hay) or (2) growing a combination of crops (except a combination of oilseed(s) and grain(s)); and a combination of fruit(s) and tree nut(s) with no one crop or family of crops accounting for one-half of the establishment's agricultural production (value of crops for market).

Beef cattle ranching and farming (112111). Comprises establishments primarily engaged in raising cattle (including cattle for dairy herd replacements).

Cattle feedlots (112112). Comprises establishments primarily engaged in feeding cattle for fattening.

Dairy cattle and milk production (11212). Comprises establishments primarily engaged in milking dairy cattle.

Hog and pig farming (1122). Comprises establishments primarily engaged in raising hogs and pigs. Activities may include breeding, farrowing, and the raising of weanling pigs, feeder pigs, or market size hogs.

Poultry and egg production (1123). Comprises establishments primarily engaged in breeding, hatching, and raising poultry for meat or egg production.

Sheep and goat farming (1124). Comprises establishments primarily engaged in raising sheep, lambs, and goats, or feeding lambs for fattening.

Animal aquaculture (1125). Comprises establishments primarily engaged in the farm raising of finfish, shellfish, or any other kind of animal aquaculture. These establishments use some form of intervention in the rearing process to enhance production, such as holding in captivity, regular stocking, feeding, and protecting from predators.

Other animal production (1129). Comprises establishments primarily engaged in raising animals and insects (except cattle, hogs and pigs, poultry, sheep and goats, animal aquaculture) for sale or product production. These establishments are primarily engaged in one of the following: bees, horses and other equines, rabbits and other furbearing animals, and so forth, and producing products, such as honey and other bee products. Establishments primarily engaged in raising a combination of animals with no one animal or family of animals accounting for one-half of the establishment's agricultural production (i.e., value of animals for market) are included in this industry group.

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 to be part of the tenant's farm and not part of the owner's.

Farms by Standard Industrial Classification (SIC). Data for farms by SIC are provided in a bridge table in appendix E. For future censuses, farms will be classified only by the North American Industrial Classification System (NAICS).

Farms by tenure of operator. All farms were classified by tenure of operator in 1997. The classifications used were as follows:

Full owners-operated only land they owned.

Part owners-operated land they owned and also land they rented from others.

Tenants-operated only land they rented from others or worked on shares for others.

Farms by type of organization. All farms were classified by type of organization in the 1997 census. The classifications used were as follows:

Individual or family (sole proprietorship), excluding partnership and corporation.

Partnership, including family partnership.

Corporation, including family corporation—further subclassified into the following two categories:

1. Family held or other than family held
2. More than 10 stockholders or less than 10 stockholders

Other, cooperative, estate or trust, institutional, etc.

Farms by value of sales. See Farms by market value of agricultural products sold or value of sales.

Farms or farms reporting. The terms ''farms'' and ''farms reporting'' in the presentation of data denote 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

Farms with sales of less than $1,000. This category includes farms with sales of less than $1,000 but having the potential for sales of $1,000 or more. It provides information on all report form items for farms that normally would be expected to sell agricultural products of $1,000 or more.

Fertilizer. See Total farm production expenses--Commercial fertilizer .

Fish and other aquaculture products. The raising of fish and other aquaculture products in captivity is included in the agriculture census. Production in saltwater is considered not to be in captivity and is excluded from the census.

Floriculture crops. For 1997, data for floriculture crops are a total of bedding/garden plants, cut flowers and cut florist greens, foliage plants, and potted flowering plants.

Government payments. This category consists of direct cash payments received by the farm operator in 1997. It includes disaster payments; transition payments from prior participation; payments from Conservation Reserve Programs, the Wetlands Reserve Programs, and other conservation programs; and all other federal farm programs under which payments were made directly to farm operators.

Grain sales. Data are for the total market value of cash grains sold, including corn for grain or seed, wheat for grain, soybeans for beans, sorghum for grain or seed, oats for grain, and other grains.

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 were converted to pounds fresh weight. The conversion used was 4.20 pounds fresh weight to 1 pound dry weight.

Greenhouse produced vegetables. In 1992, this item was referred to as ''greenhouse vegetables.'' This is only a wording change; the data are comparable.

Harvested cropland. This category includes land from which crops were harvested or hay was cut, and land in orchards, citrus groves, Christmas trees, vineyards, nurseries, and greenhouses. Land from which two or more crops were harvested was counted only once. Land in tapped maple trees is included in woodland not pastured.

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

represents 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.

Hay−tame hay other than alfalfa, small grain, and wild hay. Data shown represent dry tons of hay harvested from clover, lespedeza, timothy, Bermuda grass, Sudangrass, and other types of legume and tame grasses.

Hens and pullets. See Layers, pullets, and pullet chicks.

Hens and pullets of laying age. See Layers 20 weeks old and older.

Herbs−total, fresh cut, and dried. Total herbs is a total of fresh cut and dried herbs. Separate data are shown for fresh cut herbs as a vegetable crop and dried herbs as another crop.

Hired farm labor. Data are for total hired farm workers, including paid family members, by number of days worked.

Income. See Net cash return from agricultural sales for the farm unit.

Injuries and deaths. Data are for work-related injuries and deaths of the farm operator, family members, and hired workers.

Irish potatoes. See Potatoes, excluding sweetpotatoes.

Irrigated land. This category includes all land watered by any artificial or controlled means, such as sprinklers, flooding, 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.

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, 1997. These data are updated periodically; however, the acreages shown for 1997 are the same as in 1992.

Land in farms. The acreage designated 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 operation. Large acreages of woodland or wasteland held for nonagricultural purposes were deleted from individual reports during the processing operations. Land in farms includes acres in the Conservation Reserve and Wetlands Reserve Programs.

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 American Indian reservations used for growing crops or grazing livestock was to be included as land in farms. Land in reservations not reported by individual American Indians or non-Native Americans was to be reported in the name of the cooperative group that used the land. In many instances, an entire American Indian reservation was reported as one farm.

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 fewer than 20 total fruit, citrus, or nut trees, or grapevines.

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 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 in the 1992 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.

Land used for vegetables. Data are for the total land used for vegetable crops. The acres were to be reported only once, even though two or more harvests of a vegetable or more than one vegetable were harvested from the same acres.

Landlords. Data show the number of landlords from whom the farm operator rented land, including those whose land may have been subleased by the farm operator to someone else.

Layers 20 weeks old and older. This category includes layer hens in molt and other layer hens and pullets 20 weeks old and older. In the 1992 census this category was referred to as ''Hens and pullets of laying age.'' This is only a wording change; the data are comparable to 1992.

Layers and pullets 13 weeks old and older. This category includes layer hens in molt and other layer hens and pullets 13 weeks old and older. In the 1992 census this category was referred to as ''Chickens 3 months old or older.'' This is only a wording change; the data are comparable to 1992.

Layers, pullets, and pullet chicks. This category includes layers, pullets, and pullet chicks of all ages. In the 1992 census, this category was referred to as ''Hens and pullets.'' This is only a wording change; the data are comparable to 1992.

Macadamia nuts. In Hawaii, macadamia nuts could be reported in pounds husked, unshelled or pounds shelled.

Maple trees tapped. Data are for acres of tapped maple trees (sugar bush). Quantity harvested is for number of taps from which sap was gathered. Acres of tapped maple trees are included in woodland not pastured.

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 1997 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 1997. It does not include payments received for participation in other 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 1997 does not necessarily represent the sales from crops harvested in 1997. Data may include sales from crops produced in earlier years and may exclude some crops produced in 1997 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 1997.

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 1997 with sales reported in earlier censuses. Sales figures are expressed in current dollars and have not been adjusted for inflation or deflation.

Misreported or miscoded crops. In a few cases data may have been reported on the wrong line, in the wrong section, or the wrong crop code may have been assigned to a small number of write-in crops. A few of these errors may not have been identified and corrected during processing which resulted in rare cases of inaccurately tabulated data. Reports with significant acres of unusual crops for the area were examined to minimize the possibility that they were in error.

Net cash return from agricultural sales for the farm unit. Net cash return is derived by subtracting total operating expenditures from the gross market value of agricultural products sold. Both gross sales and production expenditures include sales and expenses of the farm operator as well as those of partners, landlords, and contractors. Therefore, the net cash return is that of the farm unit rather than the net farm income of the operator. Consequently, while the net cash return of a contractee grower could be negative, the actual return could be positive, meaning the integrator/contractor was absorbing an even larger loss on the growout operation. Oftentimes, these losses are offset by later gains from further processing. Conversely, a very high net cash return is usually shared between an integrator/contractor and a contractee grower and should not be viewed totally as a return to the contractee grower.

Operating expenses used in calculating net cash return do not include depreciation or changes in inventory values. Expenses may have been understated on farms renting land from others because taxes paid by landlords are excluded, and insurance and other landlord expenses not readily known to renters may have been omitted or underestimated.

For publication purposes, farms are divided into two categories: 1) Farms with net gains and 2) Farms with net losses. Farms with net gains include those whose production expenses are equal to the market value of their agricultural products sold.

Nursery and greenhouse crops grown for sale. These data are summations 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/garden plants, etc., grown in the open.

Occupation. See Operator characteristics; Farms by age and principal occupation of operator.

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 customarily the same as the number of farms. The exception to this rule occurs in appendix B, table A. It shows the number of American Indian farm operators on reservations. Since reservations are counted as one farm in other tables, in this instance, the number of operators will exceed 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 age, race, sex, place of residence, principal occupation, days worked off the farm, year in which his/her operation of the farm began, and Spanish, Hispanic, or Latino 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, Hispanic, or Latino origin, off-farm work, or year began operation. Operators of Spanish, Hispanic, or Latino origin were tabulated by reported race.

Operators of Spanish, Hispanic, or Latino origin. No imputation was made for those not responding to the question on Spanish, Hispanic, or Latino origin. Operators of Spanish, Hispanic, or Latino origin are found in all of the racial groups listed in the census and were tabulated according to the race reported. In 1992, this category was referred to as ''Operators of Spanish origin.''

Other aquaculture products. This category includes the production of aquaculture other than crawfish and finfish.

Other crop sales. Data are for the total market value of all crops not having fitted into one of the prelisted sales categories. It includes crops such as maple syrup, mint for oil, peanuts, potatoes, sugar beets, sugarcane, sweetpotatoes, etc.

Other cropland. This category includes cropland not harvested and not grazed which was used for cover crops or soil-improvement crops, land on which all crops failed, land in cultivated summer fallow, idle cropland, and land planted in crops which were to be harvested after the census year.

Other fish. This category includes production of fish other than catfish, trout, hybrid striped bass, and crawfish.

Other fruits and nuts. Data shown for other fruits and nuts relate to any fruits and nuts not having a specific code on the 1997 report form.

Other grain sales. These data are for the total market value of other grains sold including dry edible beans, dry lima beans, buckwheat, canola, dry southern peas (cowpeas), emmer and spelt, flaxseed, lentils, mustard seed, dry edible peas, popcorn, proso millet, industrial rapeseed, rice, rye for grain, safflower, sunflower seed, triticale, and wild rice.

Other land. This category includes land in house lots, barn lots, ponds, roads, ditches, wasteland, etc. It includes those acres in the farm operation not classified as cropland, pastureland, or woodland.

Other livestock and livestock products. This category includes all livestock and livestock products not having specific codes on the 1997 report form.

Other nursery and greenhouse crops. Data for ''Other nursery and greenhouse crops'' include acres of uncut Christmas trees with minimum sales of $1,000. Also included are acres and sales of short rotation woody crops.

Other races. This category is primarily limited to persons native to or of ancestry from Mexico, the Caribbean, and Central and South America.

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 3.00 pounds fresh weight to 1 pound dry weight.

Potatoes, excluding sweetpotatoes. In 1992, this item was referred to as Irish potatoes. This is only a wording change; all data are comparable.

Poultry hatched. This category includes all poultry hatched on the place during the year and placed or sold. Incubator egg capacity on December 31, 1997, is tabulated under the column heading ''Inventory'' and the number of poultry hatched and placed or sold is under the heading ''Sales.''

Production expenses. See Total farm production expenses.

Pullet chicks and pullets less than 13 weeks old. This category includes all pullets and pullet chicks less than 13 weeks old. In the 1992 census, this category was referred to as ''Pullet chicks and pullets under 3 months old.'' This is only a wording change; the data are comparable to 1992.

Race. See Other races; Black and other races; Operator characteristics.

Rental income. See Farm-related income-Rental of farmland.

Sales, total. See total sales; Market value of agricultural products sold; Farms by market value of agricultural products sold or value of sales.

Size of farm. See Farms by size.

Tame hay other than alfalfa, small grain, and wild hay (tons, dry). See Hay−tame hay other than alfalfa, small grain, and wild hay.

Tenure. See Farms by tenure of operator.

Total cropland. This category includes land from which crops were harvested or hay was cut; land in orchards, citrus groves, vineyards, nurseries, and greenhouses; cropland used only for pasture or grazing; land in cover crops, legumes, and soil-improvement grasses; land on which all crops failed; land in cultivated summer fallow; and idle cropland.

Total farm production expenses. Includes the share of the expenditures provided by landlords, contractors, and partners in the operation of the farm business. Expenses were limited to those incurred in the operation of the farm business. Property taxes paid by landlords were excluded. Also excluded were expenditures for nonfarm activities; farm-related activities such as providing customwork for others, producing and harvesting forest products, and providing recreational services; and household expenses. In 1997, 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 for some expenditure items was required for contract producers. Explanations of selected production expenses are listed below.

Agricultural chemicals. These expenses include the cost of all insecticides, herbicides, fungicides, and other pesticides, including costs of custom application. Data exclude commercial fertilizer purchased.

Commercial fertilizer. The expense for commercial fertilizer is the amount spent on all forms of fertilizer including rock phosphate and gypsum. It also includes the cost of custom application.

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 is included in expenditures for fertilizer and chemicals in 1997, 1992, and 1987. The cost of hired labor for operating rented or hired machinery is included as a hired farm and ranch labor expense.

Feed for livestock and poultry. These expenses include the cost of all feed for livestock and poultry including grain, hay, silage, mixed feeds, concentrates, etc.

Hired farm and ranch labor. These expenses include the total amount paid for farm or ranch labor including regular workers, part-time workers, and members of the operator's family if they received payments for labor. It includes social security taxes, State taxes, unemployment tax, payment for sick leave or vacation pay, workman's compensation, insurance premiums, and pension plans.

Interest. Separate data are included for interest paid on debts secured by real estate and interest paid on debts not secured by real estate.

Livestock and poultry purchased. These expenses include the total amount spent by the operator, his/her landlord, and by others for all livestock and poultry bought during 1997 for production on the farm or ranch. The total includes amounts spent for cattle, calves, hogs, pigs, sheep, hatchery eggs, etc. Estimations of the value of livestock or poultry grown under contract or fed on a custom basis were to be made based on their value when they arrived on the farm or ranch.

Repairs and maintenance. These expenses include all costs for the repair and upkeep of buildings, motor vehicles, and farm equipment used for the farm business.

Seed cost. These expenses include the cost of all seeds, bulbs, plants and trees, or the estimated cost of these items if provided by contractors. Seed cost does not include the value of seed grown on this place.

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 and greenhouse crops, and hay. Respondents were asked to include landlords' and contractors' shares. The value of commodities placed in CCC loans is included as sold. All farms were tabulated by size based on reported sales.

Tractors. This item includes a new horsepower (PTO) category. In the 1992 census, respondents reported wheel tractors other than garden tractors and motor tillers as less than 40 horsepower (PTO) or 40 horsepower (PTO) or more. In the 1997 census, the 40 horsepower (PTO) category was broken into 40 to 99 horsepower (PTO) and 100 horsepower (PTO) or more.

Type of farm. See Farms by North American Industry Classification System (NAICS) and Farms by Standard Industrial Classification (SIC).

Type of organization. See Farms by type of organization.

Value of agricultural products sold directly to individuals for human consumption. This item represents the value of agricultural products produced and sold directly to individuals for human consumption from roadside stands, farmers' markets, pick-your-own sites, etc. It excludes nonedible products such as nursery crops, cut flowers, wool, etc. Sales of agricultural products by vertically integrated operations through their own processing and marketing operations were excluded.

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.

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.

Wheat for grain. Wheat was listed on the report form separately or in combinations by type as listed below, depending on the regional report form completed by the respondent.

Wheat for grain
Winter wheat for grain
Spring wheat for grain
Durum wheat for grain
Spring wheat, other than durum, for grain

For publication, wheat was shown separately or in combinations by type as listed below, depending on the State for which it was published.

Wheat for grain, total
Winter wheat for grain
Spring wheat for grain
Durum wheat for grain
Other spring wheat for grain
Non-specified wheat for grain

The wheat by type (winter, spring, durum, and other spring) breakdown was published for States where more than one type was commonly produced; however, all the types may not be shown. Non-specified wheat was shown when a type not commonly produced in a State was reported on a report form not intended for use for that State or when reporting errors were suspected.

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.

Woodland, total. 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, and woodland pastured. Land covered by sagebrush or mesquite was to be reported as other pastureland and rangeland or other land. Land planted for Christmas tree production was to be reported in cropland harvested, and land in tapped maple trees reported as woodland not pastured.

Write-in crops. To reduce the length of the report form, only the major crops for each region were prelisted. For other crops, the respondent was asked 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 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.

Appendix B.
American Indian Farm Operators

During the 1992 and previous censuses, American Indian farm operations on reservations were enumerated at the reservation level, generally as a single unit. In the 1997 census, the historic methodology was used in conjunction with an additional procedure to count American Indian farm operators on reservations who were not counted individually.

Table A, American Indian Farm Operators: 1997, reflects the results of the methodological changes to enumerate American Indian farm and ranch operators. The table provides the total number of American Indian farm operators both on and off reservations. The "other" column provides counts of operators on reservations. The "individually reported" column provides counts of operators on or off reservations. This is the only table in the Volume 1, Geographic Area Series publication where information for total number of American Indian farm operators is available. Other than the count of operators, information for American Indian farm operators who did not report individually was collected at or aggregated to the reservation level. Consequently, other published data treat each reservation as a single farm operation. State level data are provided in Table B, State Highlights of Farms Operated by American Indians: 1997. American Indian agricultural resources and production not reported by individuals are included in their respective reservation reports.

The term American Indian was used on the report form that collected the counts of on-reservation operators as well as the 1997 Census of Agriculture report form. The term American Indian represents persons who also would identify themselves as Native American or Alaskan Native.

Table A. **American Indian Farm Operators: 1997**

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

Geographic area	American Indian farm operators		
	Total	Individually reported	Other[1]
STATE TOTAL			
Iowa	50	50	–
COUNTIES, 1997			
Adams	3	3	–
Linn	3	3	–
Polk	3	3	–
Van Buren	3	3	–
Warren	3	3	–
All other counties	35	35	–

[1]Data represent American Indian farm and ranch operators on reservations that did not report individually. Data obtained from reservation officials.

Table B. **State Highlights of Farms Operated by American Indians: 1997**

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

Item	Farms operated by American Indians	State total of all farms	Percent of State total of all farms
American Indian farm operators [1] ..... number..	50	(X)	(X)
Land in farms ..... acres..	12 421	31 166 699	(Z)
Estimated market value of land and buildings[2] ..... $1,000..	12 555	51 438 152	(Z)
Estimated market value of all machinery and equipment[2] ..... $1,000..	1 367	7 318 851	(Z)
Total cropland ..... acres..	10 488	26 821 844	(Z)
Harvested cropland ..... acres..	8 010	23 323 249	(Z)
Cropland used only for pasture or grazing ..... acres..	1 400	2 001 198	.1
Other cropland ..... acres..	1 078	1 497 397	.1
Total woodland ..... acres..	1 193	1 315 257	.1
Pastureland and rangeland other than cropland and woodland pastured ..... acres..	173	1 440 627	(Z)
Irrigated land ..... acres..	(D)	124 983	(Z)
Harvested cropland ..... acres..	(D)	123 084	(Z)
Pastureland and other land ..... acres..	–	1 899	–
Market value of agricultural products sold ..... $1,000..	4 131	11 947 894	(Z)
Crops, including nursery and greenhouse crops ..... $1,000..	1 816	6 187 269	(Z)
Livestock, poultry, and their products ..... $1,000..	2 315	5 760 625	(Z)
Total farm production expenses[2] ..... $1,000..	1 940	8 405 838	(Z)
Cattle and calves inventory ..... number..	931	3 647 129	(Z)
Beef cows ..... number..	254	1 029 172	(Z)
Milk cows ..... number..	(D)	222 142	(D)
Heifers and heifer calves ..... number..	314	1 026 132	(Z)
Steers, steer calves, bulls, and bull calves ..... number..	(D)	1 369 683	(Z)
Cattle and calves sold ..... number..	914	2 881 122	(Z)
Cattle, including calves weighing 500 pounds or more ..... number..	838	2 506 779	(Z)
Cattle fattened on grain and concentrates for slaughter ..... number..	(D)	1 646 477	(Z)
Cattle weighing less than 500 pounds ..... number..	76	374 343	(Z)
Sheep and lambs inventory ..... number..	(D)	265 305	(D)
Ewes 1 year old or older ..... number..	(D)	138 269	(D)
Sheep and lambs shorn ..... number..	(D)	241 676	(D)
Sheep and lambs sold ..... number..	(D)	319 349	(D)
Horses and ponies inventory ..... number..	52	60 421	.1
Horses and ponies sold ..... number..	(D)	9 605	(D)
Crops harvested:			
Corn for grain or seed ..... acres..	3 697	11 595 308	(Z)
Wheat for grain ..... acres..	(D)	22 123	(Z)
Oats for grain ..... acres..	98	211 985	(Z)
Hay - alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... acres..	604	1 575 777	(Z)

[1] Includes operators on and off reservations.
[2] Data are based on a sample of farms.

Appendix C.
Statistical Methodology

THE SCREENING PHASE AND THE MAIL LIST MODEL

The 1997 Census of Agriculture featured a pre-census screening phase that surveyed selected records, by mail or telephone, for presence or absence of agricultural activity. Records selected for screening had a low probability of qualifying as farms. All records responding to the screener and reporting no agricultural activity were removed from the census mail list. Eliminating nonfarm records from the mail list reduced respondent burden and data collection costs.

The screening phase included nearly 500,000 records. Records were selected for screening using one of the following criteria:

1) Records on selected agriculture specialty lists that had no other list source,

2) Records identified by a mail list model as having a low probability of being a farm.

A mail list model predicted the probability that an addressee on the 1997 preliminary census mail list operated a farm. The model defined groups based on combinations of characteristics such as source(s) of the mail list record, expected value of agricultural production, and geographic location. Farm proportions were estimated for these groups by calculating the proportion of 1992 census respondent records that were farms which exhibited the characteristics defined by the group. This proportion, also called the in-scope rate, provided an estimate of the probability that an addressee in the group operated a farm.

Each address record on the 1997 preliminary census mail list was assigned to a model group by matching record characteristics to model group characteristics. Records belonging to the groups with the highest farm probability were those more likely to be farms. Records with a farm probability of approximately 30 percent or less were selected for screening, along with records included on selected agriculture specialty lists as noted above.

Before screening, the preliminary census mail list consisted of 3,314,790 records. There were 478,298 records selected for screening. Of these, 125,570 records were determined to be nonfarms as a result of the screening phase and were removed. These records were removed from the final census mail list. The remaining 3,189,220 records received census report forms.

CENSUS SAMPLE DESIGN

All name and address records on the final census mail list were designated to receive a 1997 Census of Agriculture report form. Two different types of census report forms, sample and nonsample, were used to collect data. Sections 1 through 20 and 28 through 32 of the sample form were identical to sections on the nonsample census form. Sample form sections 21 through 27 contained additional questions on usage of fertilizers and chemicals, farm production expenditures, value of machinery and equipment, value of land and buildings, farm-related income, and hired workers. There were 11 regional versions of the nonsample form and 13 regional versions of the sample form with listings of crops varying by region. These different forms were used to reduce the response burden of the census, while providing reliable information on a large number of data items.

The sample form was mailed to all mail list records in Alaska, Hawaii, and Rhode Island and to a sample of records in other States selected from the final mail list. Mail list records were selected into the sample with certainty if they (1) were expected to have large total value of agricultural products sold or large acreage, (2) were multi-unit operations (i.e., separate farms producing under one company organization), (3) were in a county with less than 100 farms in 1992, or (4) had other special characteristics. Farms with special characteristics were abnormal farms, such as institutional farms, experimental and research farms, and Indian reservations. Mail list records in counties containing 100 to 199 farms in 1992 were systematically sampled at a rate of 1 in 2; records in counties containing 200 to 299 farms in 1992 were systematically sampled at a rate of 1 in 4; and records in counties containing 300 or more farms in 1992 were systematically sampled at a rate of 1 in 6. The remaining mail list records not chosen to receive the sample form received the nonsample census form. This differential sampling scheme was used to provide reliable data for the sample sections of the report form for all counties.

EDITING DATA AND IMPUTATION FOR ITEM NONRESPONSE

The census of agriculture complex edit and imputation system is an automated computerized system that performed the following functions:

- Ensured reasonable relationships between/among data items, values for various sizes of farms, combinations of commodities, and economic interactions.
- Ensured necessary consistencies were present (there were more than 70 distinct consistency requirements).
- Ensured climatic, geographic, legal, and physical constraints were met.

The system performed these and similar functions for more than 900 data key codes for sample records and approximately 850 data key codes for nonsample records.

For the 1997 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. The complex edit and imputation system 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 for that record 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 fixed 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 was 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 Classifications 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.

Each execution of the computer edit consisted of records from only one State sorted by reported State and county. For a given execution of the edit, the stored entries in the various matrices were retained in memory only until a succeeding record having acceptable characteristics for the same 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. An edit run usually consisted of 10,000 or more records.

After the initial computer edit, all keyed reports not meeting the census farm definition were reviewed to ensure that the data had been keyed correctly. Edit referrals were generated for 17 percent of the reports included as farms; they were 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 re-edited.

CENSUS ESTIMATION

The 1997 Census of Agriculture used two types of statistical estimation procedures to account for whole farm nonresponse and sample data collection. The procedures were necessary because some farm operators did not respond to the census despite numerous attempts to contact them, and estimates for certain data items were based on a sample of farm operators rather than a full enumeration.

Whole Farm Nonresponse Estimation

Whole farm nonresponse to the census occurred when a response was never received for a record. If the record was a large farm, as defined by value of production or acreage, or a unique farm operation, intensive telephone or personal followup was conducted during census processing to obtain a response. If these attempts failed, either the NASS survey database, the census historic database, or other more current sources were used to impute data for the record.

During mail list development, the State Statistical Offices (SSOs), in an effort to reduce respondent burden, identified records that participated in multiple NASS surveys and/or situations where there were special reporting relationships between an enumerator and a respondent. These records were referred to as tagged records. The SSOs had full responsibility for the data collection for these records, including imputation of data for the record if a response was not obtainable.

Whole farm nonresponse that occurred within the remaining universe of records was accounted for by a statistical weighting procedure. The weights of the responding farms were adjusted to account for farms that did not respond. The information needed for this process was obtained from the 1997 Nonresponse Survey. The SSOs conducted the nonresponse survey using computer-assisted telephone interviewing (Blaise-CATI) or personal enumeration when telephone contact was not possible. Alaska and Rhode

Island were not eligible for the survey because all nonrespondents were subject to extensive followup. In these cases, data were collected by telephone or other methods. The nonresponse survey collected information from a sample of census nonrespondents to determine farm status and estimate the proportion of farms in the nonresponse universe. The information was then used to estimate the number of nonresponding farm operations by State and county.

The 1997 Nonresponse Survey consisted of a stratified systematic sample of the nonresponse records within each State. The sample was selected near the end of the census follow-up operations. Five strata were defined to be homogeneous on probability of farm status and were based on screener status, total value produced, and list source(s) of the mail list record.

Based on survey results, estimates of the proportion of census nonrespondents operating farms were made for each stratum in the State. The estimates were applied to the total number of census nonrespondents in that stratum, providing a State estimate of the number of census nonrespondents that operated farms. The number of census nonrespondents that operated farms was then derived for each county by stratum. This estimation procedure assumed that the distribution of farms in a stratum by county was 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. Census respondent farms that were designated as large farms or tagged records or as farms that exhibited ''rare'' commodities were ineligible to represent nonrespondent farms and were excluded from the nonresponse weighting procedure. These records were assigned nonresponse weights of 1.0.

The noninteger nonresponse weight is the ratio of the sum of the estimated number of nonrespondent farms from the nonresponse survey and the number of eligible census respondent farms, divided by the number of eligible census respondent farms. Stratum controls were established to ensure that this weight never exceeded 2.0. For the published tabulations of the complete count items, the noninteger nonresponse weight was randomly rounded to an integer weight of either 1 or 2 for each record. For the sample count items, the noninteger nonresponse weight was used in the calculation of the final sample weight.

Table A quantifies the effect of the nonresponse estimation procedure on selected census data items. The percentages in this table are percents of the census values contributed by nonresponse estimation. These indicate the potential for bias in published figures resulting from nonresponse to the census. The estimates provided in this table do not reflect the effect of item nonresponse to individual census data items. The effect of this item nonresponse is discussed in the ''Census Nonsampling Error'' section.

Sample Estimation

Sample data estimation determined the population totals that would have resulted from a complete census for the items in sections 21 through 27 of the sample form. The estimates were obtained from a weighting procedure that assigned a weight to each respondent 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 over all sample records.

Each respondent sample farm was assigned a sample weight for use in producing estimates for all sample items. For example, if the weight given to a sample farm had the value 6, all sample data items reported by that farm were multiplied by 6.

The noninteger sample weight is calculated for each respondent sample farm by multiplying the noninteger nonrespondent weight by the sampling factor. For published tabulations of the sample count items, the noninteger sample weight was randomly rounded to an integer weight for each record. For certainty farms, the sampling factor equals 1 so the sample weight is just equal to the nonresponse weight. Sampling factor calculation for non-certainty farms is described below.

Within a county, the weighting procedure for non-certainty farms was performed in three steps using three variables. The first variable contained eight 1997 total value of agricultural production (TVP) groups. The second and third variables, Standard Industrial Classification (SIC) code and farm acreage, contained two groups. The three sets of groups were:

TVP	SIC	Acres
$1 to $999	01, 08 All crops	1 to 69
$1,000 to $2,499	02 All livestock	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 classified the sample records into 32 mutually exclusive initial strata formed by the three variable groups. The total and sample farm counts were expanded to account for nonresponse. Each cell containing sample farm records was assigned an initial sample factor equal to the ratio of the total farm count to the sample farm count. This factor was approximately equal to the inverse of the probability of selecting a farm for the census sample.

The second step in the estimation procedure combined, when necessary, the 32 initial strata to increase the reliability of the weighting procedure. Any stratum that contained less than 10 sample farms or had a factor greater than twice the mail sample rate was collapsed with another stratum. The mail sample rate was either 2, 4, or 6,

depending on whether the county had a 1 in 2, 1 in 4, or 1 in 6 sample selection rate. The collapsing occurred within the 32 initial strata according to a specified collapsing pattern. After the collapsing process was completed, new total farm counts and sample farm counts were computed from each final strata and used to calculate final sample factors.

The final step calculated the noninteger sample weight as the product of the final sampling factor and the noninteger nonresponse weight. As described previously, the noninteger sample weight for each record is randomly rounded to an integer weight which is used in published tabulations. For example, if the final weight for a farm was 7.2, then the record would be rounded to either 7 or 8.

CENSUS SAMPLING ERROR

The sample for the 1997 Census of Agriculture was only one of a large number of possible samples of the same size that could have been selected using the same sample design. In this context, ''sample'' refers to the sample for both the nonresponse survey and the selection of farms to receive sample forms.

The standard error, or sampling error, of a survey estimate is a measure of the variation among the estimates from all possible samples. It is a measure of precision - that is, how well an estimate from a particular sample approximates the true population parameter. The percent relative standard error of an estimate is defined as the standard error of the estimate divided by the value of the estimate, then multiplied by 100. The true population parameter can be defined or conceptualized several different ways. One way is to think of the true population parameter as the average result of all possible samples (selected using a given sample design). A second way is to think of the true population parameter as the figure obtained from carrying out a complete enumeration of the population.

If all possible samples were selected, each of the samples surveyed under essentially the same conditions, and an estimate and its standard error calculated from each sample, then:

1. 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 true population parameter.
2. Approximately 95 percent of the intervals from 1.96 standard errors below the estimate to 1.96 standard errors above the estimate would include the true population parameter.

The following example illustrates the computations necessary to produce a confidence statement for an estimate. Assume that the estimate of number of farms for a State is 94,382 and the relative standard error of the estimate is 0.1 percent (0.001). Multiplying 94,382 by 0.001 yields 94, the standard error; therefore, a 90-percent confidence interval is 94,227 to 94,537 (i.e., 94,382 plus or minus 1.65 x 94). If corresponding confidence intervals were constructed for all possible samples of the same size and design, approximately 90 percent of these intervals would contain the true population parameter. Similarly, a 95-percent confidence interval is 94,198 to 94,566 (i.e., 94,382 plus or minus 1.96 x 94).

Census items were classified as either complete count or sample count items. All farm operators were asked the complete count items. Examples of complete count items were: land in farms, harvested cropland, livestock inventory and sales, crop acreage, quantities harvested and crop sales, land use, irrigation, government loans and payments, conservation acreage, type of organization, and operator characteristics.

Only a sample of farm operators were asked the sample count items. These items appeared only in sections 21 through 27 of the sample form. Sample count items were included under the following section headings: commercial fertilizers, chemicals, production expenses, farm machinery and equipment, value of land and buildings, farm-related income, and hired workers.

Variability in the estimates of complete count items was due only to the nonresponse survey estimation procedure. With regard to the estimates of sample count items, variability was due to both the nonresponse survey estimation procedure and the census sample selection and estimation procedure. Therefore, variability in the sample count item estimates tends to be larger than the variability in the complete count item estimates. Percent relative standard error is a common measure of variability.

Table B provides the generalized reliability estimates of the estimated number of farms in a county that reported complete count and sample count items. The top half of the table shows the percent relative standard errors for estimated number of farms in a county that reported a complete count item, and the bottom half relates to sample count items. These reliability estimates are derived from regression equations. Separate regression equations were used to produce each section of table B. Each regression equation was fit with the estimated number of farms in a county reporting an item as the independent variable and the relative variance of that estimate as the dependent variable for the appropriate counties in the State. To illustrate the use of this table, assume that the estimate of the number of farms reporting hogs and pigs for a particular county, as given in county table 15, is 89. Since hogs and pigs is a complete count data item, refer to the first part of table B and use the estimated percent relative standard error of the estimate from the row with farm count equal to or just less than the estimated number of farms, 89. For this example, the percent relative standard error of the estimate comes from the row for 75 farms reporting. For sample count items, follow the same procedure using the second part of table B. For counties with fewer than 100 farms in the 1992 Census of Agriculture, variability in sample count

item estimates came only from nonresponse survey estimation procedures. The estimated relative standard error for a sample count item in these counties may be obtained using the first part of table B.

Use caution when referring to the ''Sample Count Item'' section of table B to make inferences on counties. Some counties may have been sampled at the rate of 1 in 2 or 1 in 4, but the reliability estimates shown were computed using only data from counties sampled at the rate of 1 in 6. Therefore, the reliability estimates shown would likely be overstated (or conservative) if the county was actually sampled at a higher rate.

Table C presents the percent relative standard error of selected State data items for all farms, and table D presents the percent relative standard error of selected State data items for all farms with sales of $10,000 or more.

Table E presents the standard error for percent change in State totals from 1992 to 1997. 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 1997 and the 1992 estimate for that characteristic to the 1992 estimate. This ratio is multiplied by 100 to obtain the percent change. The standard error of a percent change estimate is the standard error of the ratio multiplied by 100.

Table F presents the percent relative standard error for State and county totals for selected data items. The percent relative standard error of the estimate for the same item differs among counties in the State. Reasons for this are differences among counties in the (1) total number of farms, (2) number of large farms included with certainty, (3) size classifications of the farms sampled, (4) amount of nonresponse, (5) general agricultural characteristics, and (6) specific characteristic being measured.

The farm counts and related estimates displayed in tables A through F relate to unadjusted census totals. These totals are the same as the ''Census total'' displayed in the first column of table G (which will be discussed later in this appendix).

For most of the tables in this appendix, and also many of the tables throughout the publication, there is a footnote that reads ''Data are based on a sample of farms.'' The table entries that this footnote relate to are estimates of totals. To illustrate, suppose that the entry ''other farm-related income'' is shown with this footnote and has some number of farms given. This number given would represent an estimated total number of farms with ''other farm-related income,'' based on the farms that were in the sample. This number should not be interpreted as the number of farms in the sample that have ''other farm-related income.''

CENSUS NONSAMPLING ERROR

The accuracy of the census counts is affected jointly by 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 with instructions, and to minimize processing errors through the use of quality control measures. Nonsampling errors arise from many sources, including respondent or enumerator error or incorrect data keying, editing, or imputing for missing data. These nonsampling errors are further discussed in this section. Nonsampling error due to mail list incompleteness and duplication as well as misclassification of records on the mail list is called coverage error. The section titled ''Coverage Evaluation'' discusses the evaluation studies conducted to measure the extent of this error in the census.

Respondent and Enumerator Error

Incorrect or incomplete responses to the census report form or to the questions posed by an enumerator can introduce error into the census data. To reduce reporting error, detailed instructions for completing the report form were provided to each respondent. Questions were phrased as clearly as possible based on previous tests of the report form. In addition, each respondent's answers were checked for completeness and consistency by the complex edit and imputation system.

Item Nonresponse

As information flowed from data collection to tabulation, various types of item nonresponses were identified on the census report forms. Nonresponse to particular questions on the census report form that logically should have been present created a type of nonsampling error in both complete count and sample count data. In this case, information from a similar farm was used to impute for these missing data items. The resulting data may have been biased if the characteristics of the nonreporting respondents were different from those of reporting respondents for those items.

Processing Error

All phases of processing for each census report form were potential sources for the introduction of nonsampling error. An automated check-in recorded that the report had been returned and excluded from further followup mailings. Approximately one-third of the mail returns were reviewed to resolve questions dealing with multiple reports, respondent remarks, or no reported data. The remaining mail returns (about two-thirds) were batched and sent directly to data keying, along with some of the reviewed cases containing farm data. Keyed records were transmitted, formatted, and run through the complex edit and imputation system. About one-fifth of all forms edited were clerically reviewed for inconsistencies, omissions, or questionable values. While reviewing these forms, the edit review staff determined if the action taken by the computer edit and imputation system was correct. Edited records were tabulated to the county level. Each county was reviewed and, when necessary, individual records were corrected prior to publication.

Developing accurate processing methods is complicated by the complex structure of agriculture. Among the complexities are the many places to be included, the variety of arrangements under which farms are operated, the continuing changes in the relationship of operators to the farm operated, the expiration of leases and the initiation or renewal of leases, the problem of obtaining a complete list of agriculture operations, the difficulty of contacting and identifying some types of contractor/contractee relationships, the operator's absence from the farm during the data collection period, and the operator's opinion that part or all of the operation does not qualify and should not be included in the census. During data collection and processing of the census, all operations underwent a number of quality control checks to ensure as accurate an application as possible.

COVERAGE EVALUATION

Coverage Overview

The primary objectives of the census of agriculture are to accurately count U.S. farms, measure commodity production and sales, and measure demographic characteristics of farm operators. Since 1945, an evaluation of census coverage has been conducted for each census of agriculture to provide estimates of the completeness of census farm counts. These results help to identify problems and focus improvements for future censuses.

According to coverage evaluation results, the past five censuses of agriculture included an average of 92 percent of U.S. farms and 98 percent of agriculture production. Complete enumeration of agricultural operations satisfying the farm definition of $1,000 or more in agricultural sales is complicated by the variety of arrangements under which farms are operated, the multiplicity of names used for an operation, the number of operations in which an operator participates, and the difficulty in classifying those operations just around the $1,000 sales range. In 1997, extensive efforts were made to compile as complete and accurate a mail list as possible, while reducing the duplication and number of nonfarm operations on the list.

The 1997 coverage evaluation program was designed to measure four components of error in the census farm counts. These components include:

1. Undercount due to farms Not on the Mail List (NML)
2. Overcount due to farms Duplicated or enumerated more than once (DUP)
3. Undercount due to farms Incorrectly Classified as nonfarms (ICU)
4. Overcount due to nonfarms Incorrectly Classified as farms (ICO).

The first component, mail list undercount, is by far the largest component of coverage error. Duplication, though occurring far less frequently, can involve larger farms and have a larger impact on acreage and sales estimates. The last two components involve the misclassification of either farms or nonfarms. Misclassification can arise from errors in either reporting or processing the data.

Table G - Coverage Estimates - illustrates the effect of coverage adjustments on census farm counts by demographic characteristics, land in farms, and total value of sales. The coverage total is defined as the net difference between undercounted and overcounted farms. The adjusted census total is the sum of the census total and the net coverage total. The relative standard error is shown for the final census coverage adjusted number. This number will be similar to the relative standard error for the census number, except when the coverage total is negative or close to zero. The coverage adjustment percentage shows the coverage total as a percentage of total census adjusted farms for that characteristic.

The 1997 Census of Agriculture is the first census to include all four components of coverage error in table G. Previous publications only included the coverage error component due to farms not on the mail list (NML). Because of this, caution should be taken when comparing coverage estimates from table G with previous years. In addition, the coverage total is a negative number for some characteristics. This means that the number of farms overcounted for this characteristic was greater than the number of farms undercounted.

Area Frame Surveys to Measure Mail List Undercoverage

Names and addresses collected in the 1997 June Agricultural Survey and 1997 Fall Area Survey were used to estimate the undercount due to farms not on the census mail list (NML). These names were matched to the census mail list, and those that did not match were contacted by telephone or person. The enumerator verified whether the operation had reported in the census, and if not, a census of agriculture report form was completed.

The percentage of farms missed in the census varies considerably by State. In general, farms not on the mail list tended to be small in acreage, production, and sales of agricultural products. Farm operations could be missed for various reasons, including the possibility that the operation started after the mail list was developed, the operation may be so small as not to appear in any agriculture-related source lists, or the operation may have been falsely classified as a nonfarm prior to mailout.

Classification Error Survey to Measure Three Types of Coverage Error

The remaining three types of coverage error were measured by the Classification Error Survey. This survey was used to estimate the number of farms counted more than once (DUP), the number of farms misclassified as nonfarms (ICU), and the number of nonfarms misclassified as farms (ICO). A sample of census of agriculture respondents was selected for reinterview to determine their farm/nonfarm status and collect information to identify

potential duplication. The farm classification from this interview was compared with the classification on the census of agriculture report form. Any differences between these two classifications were reconciled to determine the true farm status. Each operation was reviewed for duplication by matching the additional information received from the reinterview (landlords, tenants, other names, etc.) to the list of census respondents. Potential duplication was reviewed and discrepancies reconciled.

In general, the classification error rate is higher for small farms close to the $1,000 agricultural sales requirement. This rate is also higher for farms with small acreage (less than 49 acres), higher for tenant farms than for full- or part-owner farms, and higher for farms where farming is not the operator's principal occupation.

Coverage Estimation

The adjusted census total, T, is estimated as the census farm count, C, plus undercount and minus overcount adjustments. Undercount includes 1) farms not on the mail list (NML) and 2) farms incorrectly classified as nonfarms (ICU). Overcount includes 3) nonfarms incorrectly classified as farms (ICO) and 4) farms duplicated in the census (DUP). Altogether, the adjusted census total is:

$$T = C + (NML + ICU) - (ICO + DUP).$$

In some States, estimates of misclassification of farms owned by operators having rare demographic characteristics were based on particularly small sample sizes. Where such small sample sizes occurred, a form of small area estimation was used in which data from similar States contributed to that State's estimates. In these cases, the coverage totals are weighted totals of the direct State estimate and the direct estimate from the region. Direct estimates were used to the largest extent possible, based on the amount of survey cases available for the particular item being estimated.

Table A. Percent of State Totals Contributed by Whole Farm Nonresponse Estimation: 1997

Item	Percent of total	Item	Percent of total
Farms ..... number..	11.5	Corn for grain or seed ..... acres..	7.7
Land in farms ..... acres..	8.9	Wheat for grain ..... acres..	8.0
Estimated market value of land and buildings[1] ..... $1,000..	8.6	Livestock and poultry inventory:	
Market value of agricultural products sold ..... $1,000..	5.8	Cattle and calves..... number..	7.9
Harvested cropland..... acres..	8.0	Hogs and pigs ..... number..	3.0
		Layers 20 weeks old and older..... number..	.4

[1]Data are based on a sample of farms.

Table B. Reliability Estimates for Number of Farms in a County Reporting a Complete Count Item or Sample Count Item: 1997

Farms	Relative standard error of estimate (percent)	Farms	Relative standard error of estimate (percent)
COMPLETE COUNT ITEM		SAMPLE COUNT ITEM	
Number of farms reporting:		Number of farms reporting:	
25	5.9	25	43.9
50	4.1	50	30.7
75	3.2	75	24.8
100	2.7	100	21.2
150	2.1	150	16.9
200	1.7	200	14.2
300	1.1	300	10.9
500	.9	500	7.3
750	.7	750	4.6
1,000.....	.6	1,000.....	2.1
1,500.....	.5	1,500.....	1.8
2,000.....	.4	2,000.....	1.5

Table C. **Reliability Estimates of State Totals for All Farms: 1997**

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

Item	Total	Relative standard error of estimate (percent)
FARMS AND LAND IN FARMS		
Farms ..... number..	90 792	.6
Land in farms ..... acres..	31 166 699	.5
Average size of farm ..... acres..	343	.8
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD		
Total sales (see text) ..... farms..	90 792	.6
$1,000..	11 947 894	.3
Average per farm ..... dollars..	131 596	.7
Farms by value of sales:		
Less than $1,000 (see text) ..... farms..	9 230	.9
$1,000..	906	1.1
$1,000 to $2,499 ..... farms..	3 961	.8
$1,000..	6 671	.8
$2,500 to $4,999 ..... farms..	4 577	.7
$1,000..	16 650	.7
$5,000 to $9,999 ..... farms..	5 878	.7
$1,000..	42 406	.7
$10,000 to $19,999 ..... farms..	7 383	.7
$1,000..	107 420	.7
$20,000 to $24,999 ..... farms..	3 124	.9
$1,000..	69 801	.9
$25,000 to $39,999 ..... farms..	7 366	.8
$1,000..	236 214	.8
$40,000 to $49,999 ..... farms..	4 082	.9
$1,000..	182 826	.9
$50,000 to $99,999 ..... farms..	13 735	.8
$1,000..	994 678	.8
$100,000 to $249,999 ..... farms..	19 119	.7
$1,000..	3 089 575	.7
$250,000 to $499,999 ..... farms..	8 404	.4
$1,000..	2 875 675	.3
$500,000 or more ..... farms..	3 933	–
$1,000..	4 325 072	–
Sales by commodity or commodity group:		
Crops, including nursery and greenhouse crops ..... farms..	68 415	.6
$1,000..	6 187 269	.5
Grains ..... farms..	64 058	.6
$1,000..	6 011 171	.5
Corn for grain ..... farms..	56 466	.6
$1,000..	3 225 141	.5
Wheat ..... farms..	699	1.2
$1,000..	2 936	2.0
Soybeans ..... farms..	56 373	.6
$1,000..	2 765 812	.5
Sorghum for grain ..... farms..	32	4.8
$1,000..	121	6.2
Barley ..... farms..	76	3.6
$1,000..	178	5.0
Oats ..... farms..	5 638	.7
$1,000..	11 024	.8
Other grains ..... farms..	287	1.6
$1,000..	5 960	2.2
Cotton and cottonseed ..... farms..	–	–
$1,000..	–	–
Tobacco ..... farms..	–	–
$1,000..	–	–
Hay, silage, and field seeds ..... farms..	14 636	.6
$1,000..	88 970	.7
Vegetables, sweet corn, and melons ..... farms..	776	1.2
$1,000..	8 568	1.8
Fruits, nuts, and berries ..... farms..	323	1.8
$1,000..	3 627	3.0
Nursery and greenhouse crops ..... farms..	819	1.2
$1,000..	73 208	.8
Other crops ..... farms..	115	2.8
$1,000..	1 725	2.7
Livestock, poultry, and their products ..... farms..	51 843	.6
$1,000..	5 760 625	.2
Poultry and poultry products ..... farms..	1 598	.9
$1,000..	414 429	.1
Dairy products ..... farms..	3 958	.8
$1,000..	408 694	.6
Cattle and calves ..... farms..	38 548	.6
$1,000..	1 850 796	.3
Hogs and pigs ..... farms..	18 370	.5
$1,000..	3 029 972	.2
Sheep, lambs, and wool ..... farms..	4 598	.7
$1,000..	30 214	.9
Other livestock and livestock products (see text) ..... farms..	3 023	.8
$1,000..	26 520	1.4
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms..	2 174	.8
$1,000..	7 475	1.4

Item	Total	Relative standard error of estimate (percent)
FARM PRODUCTION EXPENSES[1]		
Total farm production expenses ..... farms..	90 786	.6
$1,000..	8 405 838	.4
Average per farm ..... dollars..	92 590	.7
Livestock and poultry purchased ..... farms..	30 572	1.2
$1,000..	1 260 448	.6
Feed for livestock and poultry ..... farms..	46 733	.9
$1,000..	1 585 107	.5
Commercially mixed formula feeds ..... farms..	27 617	1.2
$1,000..	854 175	.7
Seeds, bulbs, plants, and trees ..... farms..	68 732	.7
$1,000..	488 961	.7
Commercial fertilizer ..... farms..	65 626	.7
$1,000..	636 785	.8
Agricultural chemicals ..... farms..	64 489	.8
$1,000..	521 566	.8
Petroleum products ..... farms..	84 456	.6
$1,000..	350 799	.7
Electricity ..... farms..	73 232	.7
$1,000..	127 679	.8
Hired farm labor ..... farms..	33 016	1.1
$1,000..	316 779	.9
Contract labor ..... farms..	6 152	2.8
$1,000..	24 905	2.7
Repair and maintenance ..... farms..	78 128	.7
$1,000..	504 525	.8
Customwork, machine hire, and rental of machinery and equipment ..... farms..	43 788	1.0
$1,000..	168 101	1.6
Interest ..... farms..	55 257	.8
$1,000..	600 284	.9
Secured by real estate ..... farms..	36 993	1.1
$1,000..	347 061	1.2
Not secured by real estate ..... farms..	36 242	1.1
$1,000..	253 223	1.0
Cash rent ..... farms..	36 892	1.0
$1,000..	866 955	1.0
Property taxes ..... farms..	79 236	.7
$1,000..	242 120	.9
All other farm production expenses ..... farms..	85 922	.6
$1,000..	710 824	.7
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)[1]		
All farms ..... number..	90 786	.6
$1,000..	2 969 179	.8
Average per farm ..... dollars..	32 705	1.0
Farms with net gains[2] ..... number..	60 033	.8
$1,000..	3 256 653	.7
Average net gain ..... dollars..	54 248	1.0
Farms with net losses ..... number..	30 753	1.1
$1,000..	287 473	1.7
Average net loss ..... dollars..	9 348	2.0
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME		
Government payments ..... farms..	67 795	.6
$1,000..	536 924	.6
Other farm-related income[1] ..... farms..	39 905	1.1
$1,000..	260 021	2.2
Customwork and other agricultural services ..... farms..	10 656	2.2
$1,000..	86 843	3.5
Gross cash rent or share payments ..... farms..	11 241	2.2
$1,000..	134 239	3.4
Forest products, excluding Christmas trees and maple products ..... farms..	774	8.8
$1,000..	4 037	13.7
Other farm-related income sources ..... farms..	28 494	1.2
$1,000..	34 902	1.9
COMMODITY CREDIT CORPORATION LOANS		
Total ..... farms..	12 999	.6
$1,000..	508 209	.5

See footnotes at end of table.

Table C. **Reliability Estimates of State Totals for All Farms: 1997**—Con.

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

Item		Total	Relative standard error of estimate (percent)
LAND IN FARMS ACCORDING TO USE			
Total cropland	farms	83 375	.6
	acres	26 821 844	.5
Harvested cropland	farms	74 951	.6
	acres	23 323 249	.5
Farms by acres harvested:			
1 to 9 acres	farms	4 587	.7
	acres	22 534	.8
10 to 19 acres	farms	3 768	.7
	acres	50 236	.8
20 to 29 acres	farms	2 604	.8
	acres	60 762	.8
30 to 49 acres	farms	4 263	.8
	acres	161 011	.8
50 to 99 acres	farms	8 807	.8
	acres	638 400	.8
100 to 199 acres	farms	14 539	.8
	acres	2 100 089	.8
200 to 499 acres	farms	21 216	.7
	acres	6 864 110	.7
500 to 999 acres	farms	11 290	.6
	acres	7 721 915	.6
1,000 acres or more	farms	3 877	–
	acres	5 704 192	–
Cropland:			
Pasture or grazing only	farms	28 797	.6
	acres	2 001 198	.7
Other cropland	farms	24 270	.7
	acres	1 497 397	.8
Total woodland	farms	22 516	.6
	acres	1 315 257	.7
Pastureland and rangeland other than cropland and woodland pastured	farms	18 756	.6
	acres	1 440 627	.7
Land in house lots, ponds, roads, wasteland, etc.	farms	61 890	.6
	acres	1 588 971	.6
Irrigated land	farms	957	1.0
	acres	124 983	1.1
Acres irrigated:			
1 to 9 acres	farms	386	1.6
	acres	913	2.1
10 to 49 acres	farms	111	2.9
	acres	2 797	3.0
50 to 99 acres	farms	110	2.8
	acres	8 222	2.9
100 to 199 acres	farms	153	2.2
	acres	21 368	2.3
200 to 499 acres	farms	137	2.2
	acres	43 426	2.2
500 to 999 acres	farms	47	2.7
	acres	31 823	2.4
1,000 acres or more	farms	13	–
	acres	16 434	–
Harvested cropland irrigated	farms	930	1.1
	acres	123 084	1.1
Pasture and other land irrigated	farms	35	5.0
	acres	1 899	9.7
Land under Conservation Reserve or Wetlands Reserve Programs	farms	24 137	.7
	acres	1 707 901	.9
VALUE OF LAND AND BUILDINGS[1]			
Estimated market value of land and buildings	farms	90 786	.6
	$1,000	51 438 152	.7
Average per farm	dollars	566 587	.9
Average per acre	dollars	1 697	.9
VALUE OF MACHINERY AND EQUIPMENT[1]			
Estimated market value of all machinery and equipment	farms	90 747	.6
	$1,000	7 318 851	.8
Average per farm	dollars	80 651	1.0
AGRICULTURAL CHEMICALS[1]			
Commercial fertilizer	farms	65 495	.7
	acres on which used	14 473 220	.7

Item		Total	Relative standard error of estimate (percent)
TENURE OF OPERATOR			
All operators	farms	90 792	.6
	acres	31 166 699	.5
Full owners	farms	42 902	.6
	acres	7 149 906	.7
Part owners	farms	32 996	.6
	acres	19 074 894	.5
Tenants	farms	14 894	.7
	acres	4 941 899	.6
OWNED AND RENTED LAND			
Land owned	farms	76 916	.6
	acres	16 795 890	.6
Owned land in farms	farms	75 898	.6
	acres	14 354 684	.6
Land rented or leased from others	farms	48 208	.6
	acres	16 988 397	.5
	landlords	120 737	.5
Rented or leased land in farms	farms	47 890	.6
	acres	16 812 015	.5
Land rented or leased to others	farms	16 229	.7
	acres	2 617 588	.8
OPERATOR CHARACTERISTICS			
Operators by place of residence:			
On farm operated		66 661	.6
Not on farm operated		19 439	.8
Not reported		4 692	.7
Operators by principal occupation:			
Farming		56 256	.6
Other		34 536	.6
Operators by days worked off farm:			
Any		45 408	.6
200 days or more		28 673	.6
Operators by sex:			
Male	farms	86 174	.6
	acres	30 335 233	.5
Female	farms	4 618	.9
	acres	831 466	1.1
Average age of operator	years	52.4	.8
FARMS BY TYPE OF ORGANIZATION			
Individual or family (sole proprietorship)	farms	75 880	.6
	acres	23 526 085	.5
Partnership	farms	8 231	.9
	acres	3 373 783	.7
Corporation:			
Family held	farms	5 733	.9
	acres	3 992 642	.7
More than 10 stockholders	farms	104	3.0
10 or less stockholders	farms	5 629	.9
Other than family held	farms	395	1.5
	acres	126 835	1.4
More than 10 stockholders	farms	64	3.0
10 or less stockholders	farms	331	1.7
Other—cooperative, estate or trust, institutional, etc.	farms	553	1.6
	acres	147 354	1.7
HIRED FARM LABOR[1]			
Hired workers by days worked:			
150 days or more	farms	10 990	1.9
	workers	20 517	1.5
Less than 150 days	farms	29 661	1.2
	workers	73 630	1.5
INJURIES AND DEATHS			
Farm-related injuries:			
Operator and family members	farms	1 131	1.0
	number	1 314	1.0
Hired workers	farms	346	1.0
	number	604	.8
Farm-related deaths:			
Operator and family members	farms	30	–
	number	30	–
Hired workers	farms	6	–
	number	6	–

See footnotes at end of table.

Table C. **Reliability Estimates of State Totals for All Farms: 1997**—Con.

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

Item		Total	Relative standard error of estimate (percent)
FARMS BY SIZE			
1 to 9 acres	farms	5 049	.7
	acres	20 555	.7
10 to 49 acres	farms	11 580	.6
	acres	305 198	.6
50 to 69 acres	farms	3 183	.8
	acres	186 237	.8
70 to 99 acres	farms	6 718	.7
	acres	547 358	.7
100 to 139 acres	farms	6 517	.8
	acres	762 391	.8
140 to 179 acres	farms	8 107	.8
	acres	1 278 230	.8
180 to 219 acres	farms	5 265	.8
	acres	1 040 454	.8
220 to 259 acres	farms	5 093	.8
	acres	1 210 670	.8
260 to 499 acres	farms	18 560	.7
	acres	6 767 595	.7
500 to 999 acres	farms	14 833	.7
	acres	10 213 853	.7
1,000 to 1,999 acres	farms	5 114	.3
	acres	6 636 778	.3
2,000 acres or more	farms	773	–
	acres	2 197 380	–
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM			
Oilseed and grain farming (1111)	farms	53 656	.7
	acres	22 329 587	.5
Vegetable and melon farming (1112)	farms	255	2.0
	acres	16 367	3.0
Fruit and tree nut farming (1113)	farms	203	2.3
	acres	9 812	3.3
Greenhouse, nursery, and floriculture production (1114)	farms	641	1.4
	acres	29 876	2.3
Other crop farming (1119)	farms	3 871	.7
	acres	850 574	.8
Beef cattle ranching and farming (112111)	farms	11 392	.6
	acres	2 182 642	.7
Cattle feedlots (112112)	farms	3 914	.7
	acres	1 488 310	.5
Dairy cattle and milk production (11212)	farms	2 675	.8
	acres	745 821	.8
Hog and pig farming (1122)	farms	9 388	.5
	acres	2 828 344	.4
Poultry and egg production (1123)	farms	448	1.2
	acres	66 692	1.1
Sheep and goat farming (1124)	farms	1 251	1.0
	acres	60 638	1.8
Animal aquaculture and other animal production (1125, 1129)	farms	3 098	.7
	acres	558 036	.9
LIVESTOCK			
Cattle and calves inventory	farms	38 435	.6
	number	3 647 129	.5
Beef cows	farms	27 452	.6
	number	1 029 172	.6
Milk cows	farms	4 208	.8
	number	222 142	.6
Cattle and calves sold	farms	38 548	.6
	number	2 881 122	.3
	$1,000	1 850 796	.3
Hogs and pigs inventory	farms	17 243	.5
	number	14 651 919	.2
Hogs and pigs sold	farms	18 370	.5
	number	27 495 818	.2
	$1,000	3 029 972	.2
Sheep and lambs of all ages inventory	farms	4 431	.7
	number	265 305	.8
Sheep and lambs sold	farms	4 536	.7
	number	319 349	.9
Horses and ponies inventory	farms	9 636	.6
	number	60 421	.7
Horses and ponies sold	farms	2 199	.8
	number	9 605	1.4
POULTRY			
Layers and pullets 13 weeks old and older inventory (see text)	farms	1 892	.9
	number	24 876 834	.1
Layers 20 weeks old and older	farms	1 831	.9
	number	21 509 521	.1
Broilers and other meat-type chickens sold	farms	519	1.4
	number	6 852 810	1.1
SELECTED CROPS HARVESTED			
Corn for grain or seed	farms	61 860	.6
	acres	11 595 308	.5
	bushels	1 537 482 128	.5
Corn for silage or green chop	farms	8 405	.7
	acres	241 549	.5
	tons, green	3 993 158	.6
Wheat for grain	farms	719	1.2
	acres	22 123	1.8
	bushels	905 333	2.0
Oats for grain	farms	10 823	.7
	acres	211 985	.7
	bushels	14 293 977	.6
Soybeans for beans	farms	56 436	.6
	acres	9 944 865	.5
	bushels	445 574 589	.5
Potatoes, excluding sweetpotatoes	farms	109	2.9
	acres	1 468	2.4
	cwt	296 675	2.2
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	37 711	.6
	acres	1 575 777	.6
	tons, dry	4 365 999	.6
Alfalfa hay	farms	31 165	.6
	acres	1 082 904	.6
	tons, dry	3 406 219	.6
Vegetables harvested for sale (see text)	farms	786	1.2
	acres	12 533	2.3
Land in orchards	farms	448	1.5
	acres	2 616	2.8

[1]Data are based on a sample of farms.
[2]Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains.

Table D. Reliability Estimates of State Totals for Farms With Sales of $10,000 or More: 1997

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

Item	Total	Relative standard error of estimate (percent)
FARMS AND LAND IN FARMS		
Farms ..... number..	67 146	.6
Land in farms ..... acres..	29 199 099	.5
Average size of farm ..... acres..	435	.8
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD		
Total sales (see text) ..... farms..	67 146	.6
$1,000..	11 881 261	.3
Average per farm ..... dollars..	176 947	.7
Farms by value of sales:		
$10,000 to $19,999 ..... farms..	7 383	.7
$1,000..	107 420	.7
$20,000 to $24,999 ..... farms..	3 124	.9
$1,000..	69 801	.9
$25,000 to $39,999 ..... farms..	7 366	.8
$1,000..	236 214	.8
$40,000 to $49,999 ..... farms..	4 082	.9
$1,000..	182 826	.9
$50,000 to $99,999 ..... farms..	13 735	.8
$1,000..	994 678	.8
$100,000 to $249,999 ..... farms..	19 119	.7
$1,000..	3 089 575	.7
$250,000 to $499,999 ..... farms..	8 404	.4
$1,000..	2 875 675	.3
$500,000 or more ..... farms..	3 933	–
$1,000..	4 325 072	–
Sales by commodity or commodity group:		
Crops, including nursery and greenhouse crops ..... farms..	60 108	.6
$1,000..	6 158 584	.5
Grains ..... farms..	58 715	.6
$1,000..	5 991 009	.5
Corn for grain ..... farms..	53 276	.6
$1,000..	3 215 025	.5
Wheat ..... farms..	651	1.2
$1,000..	2 867	2.0
Soybeans ..... farms..	53 466	.6
$1,000..	2 756 149	.5
Sorghum for grain ..... farms..	31	4.9
$1,000..	(D)	(D)
Barley ..... farms..	70	3.7
$1,000..	(D)	(D)
Oats ..... farms..	5 328	.7
$1,000..	10 741	.8
Other grains ..... farms..	270	1.6
$1,000..	5 940	2.2
Cotton and cottonseed ..... farms..	–	–
$1,000..	–	–
Tobacco ..... farms..	–	–
$1,000..	–	–
Hay, silage, and field seeds ..... farms..	11 394	.7
$1,000..	82 236	.7
Vegetables, sweet corn, and melons ..... farms..	504	1.4
$1,000..	8 039	1.9
Fruits, nuts, and berries ..... farms..	174	2.3
$1,000..	3 341	3.2
Nursery and greenhouse crops ..... farms..	496	1.5
$1,000..	72 281	.8
Other crops ..... farms..	82	3.2
$1,000..	1 676	2.8
Livestock, poultry, and their products ..... farms..	41 501	.6
$1,000..	5 722 677	.2
Poultry and poultry products ..... farms..	1 046	1.0
$1,000..	414 021	.1
Dairy products ..... farms..	3 926	.8
$1,000..	408 610	.6
Cattle and calves ..... farms..	31 130	.6
$1,000..	1 822 299	.3
Hogs and pigs ..... farms..	17 516	.5
$1,000..	3 027 440	.2
Sheep, lambs, and wool ..... farms..	2 958	.8
$1,000..	27 067	1.0
Other livestock and livestock products (see text) ..... farms..	1 484	1.0
$1,000..	23 241	1.5
Value of agricultural products sold directly to individuals for human consumption (see text) ..... farms..	1 450	1.0
$1,000..	6 480	1.5

Item	Total	Relative standard error of estimate (percent)
FARM PRODUCTION EXPENSES[1]		
Total farm production expenses ..... farms..	67 253	.6
$1,000..	8 268 599	.4
Average per farm ..... dollars..	122 948	.8
Livestock and poultry purchased ..... farms..	26 425	1.2
$1,000..	1 251 288	.6
Feed for livestock and poultry ..... farms..	38 325	.9
$1,000..	1 574 248	.5
Commercially mixed formula feeds ..... farms..	23 094	1.3
$1,000..	850 306	.7
Seeds, bulbs, plants, and trees ..... farms..	61 508	.7
$1,000..	485 782	.7
Commercial fertilizer ..... farms..	58 908	.7
$1,000..	631 760	.8
Agricultural chemicals ..... farms..	56 056	.8
$1,000..	517 109	.8
Petroleum products ..... farms..	66 224	.7
$1,000..	341 493	.7
Electricity ..... farms..	60 006	.7
$1,000..	122 461	.8
Hired farm labor ..... farms..	29 501	1.1
$1,000..	315 099	.9
Contract labor ..... farms..	5 192	3.0
$1,000..	24 207	2.7
Repair and maintenance ..... farms..	62 496	.7
$1,000..	484 715	.8
Customwork, machine hire, and rental of machinery and equipment ..... farms..	37 494	1.0
$1,000..	164 332	1.6
Interest ..... farms..	47 288	.9
$1,000..	581 677	.9
Secured by real estate ..... farms..	30 891	1.1
$1,000..	331 332	1.2
Not secured by real estate ..... farms..	32 925	1.1
$1,000..	250 345	1.0
Cash rent ..... farms..	34 801	1.0
$1,000..	864 539	1.0
Property taxes ..... farms..	57 349	.7
$1,000..	214 050	1.0
All other farm production expenses ..... farms..	67 252	.6
$1,000..	695 840	.7
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT (SEE TEXT)[1]		
All farms ..... number..	67 253	.6
$1,000..	3 040 631	.8
Average per farm ..... dollars..	45 212	1.0
Farms with net gains[2] ..... number..	54 873	.8
$1,000..	3 246 731	.7
Average net gain ..... dollars..	59 168	1.0
Farms with net losses ..... number..	12 380	2.0
$1,000..	206 099	2.2
Average net loss ..... dollars..	16 648	3.0
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME		
Government payments ..... farms..	54 471	.6
$1,000..	471 002	.5
Other farm-related income[1] ..... farms..	33 271	1.1
$1,000..	214 817	2.3
Customwork and other agricultural services ..... farms..	10 015	2.2
$1,000..	85 214	3.6
Gross cash rent or share payments ..... farms..	6 980	2.8
$1,000..	92 803	4.1
Forest products, excluding Christmas trees and maple products ..... farms..	473	11.4
$1,000..	2 774	16.2
Other farm-related income sources ..... farms..	25 827	1.3
$1,000..	34 026	1.9
COMMODITY CREDIT CORPORATION LOANS		
Total ..... farms..	12 819	.6
$1,000..	507 923	.5

See footnotes at end of table.

Table D. Reliability Estimates of State Totals for Farms With Sales of $10,000 or More: 1997—Con.

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

Item		Total	Relative standard error of estimate (percent)
LAND IN FARMS ACCORDING TO USE			
Total cropland	farms	64 374	.6
	acres	25 709 148	.5
Harvested cropland	farms	63 256	.6
	acres	23 075 749	.5
Cropland:			
Pasture or grazing only	farms	22 196	.7
	acres	1 744 036	.7
Total woodland	farms	14 942	.7
	acres	961 588	.7
Pastureland and rangeland other than cropland and woodland pastured	farms	13 032	.7
	acres	1 221 685	.7
Land in house lots, ponds, roads, wasteland, etc.	farms	45 919	.6
	acres	1 306 678	.6
Irrigated land	farms	813	1.1
	acres	123 536	1.1
Harvested cropland irrigated	farms	805	1.1
	acres	122 116	1.1
Pasture and other land irrigated	farms	15	7.5
	acres	1 420	11.7
Land under Conservation Reserve or Wetlands Reserve Programs	farms	14 427	.7
	acres	955 455	.8
VALUE OF LAND AND BUILDINGS[1]			
Estimated market value of land and buildings	farms	67 253	.6
	$1,000	48 282 293	.7
Average per farm	dollars	717 920	.9
Average per acre	dollars	1 704	.9
VALUE OF MACHINERY AND EQUIPMENT[1]			
Estimated market value of all machinery and equipment	farms	67 253	.6
	$1,000	6 829 857	.8
Average per farm	dollars	101 555	1.1
AGRICULTURAL CHEMICALS[1]			
Commercial fertilizer	farms	58 865	.7
	acres on which used	14 326 972	.7
TENURE OF OPERATOR			
All operators	farms	67 146	.6
	acres	29 199 099	.5
Full owners	farms	23 050	.7
	acres	5 483 856	.7
Part owners	farms	31 001	.6
	acres	18 867 959	.5
Tenants	farms	13 095	.7
	acres	4 847 284	.6
OWNED AND RENTED LAND			
Land owned	farms	54 939	.6
	acres	14 119 187	.6
Owned land in farms	farms	54 051	.6
	acres	12 581 776	.6
Land rented or leased from others	farms	44 307	.6
	acres	16 768 340	.5
	landlords	115 200	.5
Rented or leased land in farms	farms	44 096	.6
	acres	16 617 323	.5
Land rented or leased to others	farms	9 427	.7
	acres	1 688 428	.9
OPERATOR CHARACTERISTICS			
Operators by place of residence:			
On farm operated		51 312	.6
Not on farm operated		13 079	.8
Not reported		2 755	.7
Operators by principal occupation:			
Farming		50 050	.6
Other		17 096	.7
Operators by days worked off farm:			
Any		29 259	.7
200 days or more		15 787	.7
Operators by sex:			
Male		65 067	.6
Female		2 079	1.1
Average age of operator	years	51.5	.9

Item		Total	Relative standard error of estimate (percent)
FARMS BY TYPE OF ORGANIZATION			
Individual or family (sole proprietorship)	farms	54 684	.6
	acres	21 847 725	.5
Partnership	farms	6 545	.9
	acres	3 199 484	.7
Corporation:			
Family held	farms	5 314	.9
	acres	3 925 095	.7
More than 10 stockholders	farms	89	3.1
10 or less stockholders	farms	5 225	.9
Other than family held	farms	294	1.6
	acres	114 473	1.4
More than 10 stockholders	farms	46	2.8
10 or less stockholders	farms	248	1.8
Other—cooperative, estate or trust, institutional, etc.	farms	309	1.9
	acres	112 322	1.8
HIRED FARM LABOR[1]			
Hired workers by days worked:			
150 days or more	farms	10 182	1.9
	workers	19 665	1.5
Less than 150 days	farms	26 163	1.2
	workers	67 141	1.6
INJURIES AND DEATHS			
Farm-related injuries:			
Operator and family members	farms	992	1.0
	number	1 156	1.1
Hired workers	farms	334	1.0
	number	581	.7
Farm-related deaths:			
Operator and family members	farms	23	–
	number	(D)	(D)
Hired workers	farms	4	–
	number	(D)	(D)
FARMS BY SIZE			
1 to 9 acres		2 002	.9
10 to 49 acres		2 638	.8
50 to 69 acres		1 250	1.1
70 to 99 acres		3 714	.8
100 to 139 acres		4 318	.8
140 to 179 acres		6 373	.8
180 to 219 acres		4 334	.8
220 to 259 acres		4 520	.8
260 to 499 acres		17 494	.7
500 to 999 acres		14 637	.7
1,000 to 1,999 acres		5 096	.3
2,000 acres or more		770	–
FARMS BY NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM			
Oilseed and grain farming (1111)		43 338	.7
Vegetable and melon farming (1112)		81	3.2
Fruit and tree nut farming (1113)		46	4.4
Greenhouse, nursery, and floriculture production (1114)		365	1.7
Other crop farming (1119)		1 671	1.0
Beef cattle ranching and farming (112111)		5 431	.8
Cattle feedlots (112112)		3 128	.7
Dairy cattle and milk production (11212)		2 654	.8
Hog and pig farming (1122)		8 827	.5
Poultry and egg production (1123)		265	1.2
Sheep and goat farming (1124)		185	2.4
Animal aquaculture and other animal production (1125, 1129)		1 155	1.0
LIVESTOCK			
Cattle and calves inventory	farms	30 503	.6
	number	3 483 198	.5
Beef cows	farms	21 355	.7
	number	948 135	.7
Milk cows	farms	4 016	.8
	number	221 584	.6
Cattle and calves sold	farms	31 130	.6
	number	2 808 143	.3
	$1,000	1 822 299	.3
Hogs and pigs inventory	farms	16 440	.5
	number	14 619 553	.2
Hogs and pigs sold	farms	17 516	.5
	number	27 468 666	.2
	$1,000	3 027 440	.2
Sheep and lambs of all ages inventory	farms	2 838	.8
	number	220 520	.9
Sheep and lambs sold	farms	2 937	.8
	number	280 163	1.0
Horses and ponies inventory	farms	5 404	.7
	number	32 703	.9
Horses and ponies sold	farms	1 076	1.1
	number	6 409	1.9

See footnotes at end of table.

Table D. Reliability Estimates of State Totals for Farms With Sales of $10,000 or More: 1997—Con.

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

Item	Total	Relative standard error of estimate (percent)
POULTRY		
Layers and pullets 13 weeks old and older inventory (see text) ..... farms..	1 095	1.1
number..	24 848 033	.1
Layers 20 weeks old and older ..... farms..	1 059	1.1
number..	21 485 530	.1
Broilers and other meat-type chickens sold ..... farms..	325	1.8
number..	6 804 178	1.1
SELECTED CROPS HARVESTED		
Corn for grain or seed ..... farms..	58 151	.6
acres..	11 541 650	.5
bushels..	1 531 965 764	.5
Corn for silage or green chop ..... farms..	8 237	.6
acres..	239 445	.5
tons, green..	3 963 117	.6
SELECTED CROPS HARVESTED—Con.		
Wheat for grain ..... farms..	666	1.2
acres..	21 289	1.8
bushels..	882 060	2.0
Oats for grain ..... farms..	10 234	.7
acres..	205 974	.7
bushels..	13 982 570	.6
Soybeans for beans ..... farms..	53 487	.6
acres..	9 895 952	.5
bushels..	443 766 784	.5
Potatoes, excluding sweetpotatoes ..... farms..	76	3.3
acres..	1 454	2.5
cwt..	294 075	2.2
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms..	30 341	.7
acres..	1 438 060	.6
tons, dry..	4 100 924	.6
Alfalfa hay ..... farms..	26 009	.7
acres..	1 005 026	.6
tons, dry..	3 231 565	.6
Vegetables harvested for sale (see text) ..... farms..	511	1.4
acres..	11 747	2.5
Land in orchards ..... farms..	182	2.3
acres..	1 494	3.3

[1]Data are based on a sample of farms.
[2]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: 1992 to 1997**

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

Item	All farms		Farms with sales of $10,000 or more	
	Percent change from 1992 to 1997	Standard error of estimate	Percent change from 1992 to 1997	Standard error of estimate
Farms ..... number	–6.0	1.1	–12.9	1.1
Land in farms ..... acres	–.6	1.0	–2.4	1.0
Average size of farm ..... acres	5.5	1.7	12.1	1.8
Estimated market value of land and buildings[1]:				
Average per farm ..... dollars	43.7	2.4	52.3	2.6
Average per acre ..... dollars	40.0	2.3	40.6	2.3
Estimated market value of all machinery and equipment[1]:				
Average per farm ..... dollars	16.9	2.1	25.1	2.3
Farms by size:				
1 to 9 acres	–29.2	1.0	–43.8	.9
10 to 49 acres	11.9	1.5	–8.0	1.4
50 to 179 acres	–	1.0	–13.7	.9
180 to 499 acres	–14.9	1.0	–18.1	1.0
500 to 999 acres	–6.3	1.1	–6.6	1.1
1,000 to 1,999 acres	20.6	.4	20.7	.4
2,000 acres or more	57.1	–	56.8	–
Total cropland ..... farms	–5.5	1.2	–11.6	1.1
acres	–1.4	1.0	–2.4	1.0
Harvested cropland ..... farms	–10.8	1.1	–11.4	1.1
acres	2.2	1.0	2.5	1.0
Irrigated land ..... farms	–10.0	1.4	–5.4	1.5
acres	8.0	1.5	7.7	1.5
Market value of agricultural products sold $1,000	18.3	.9	18.5	.9
Average per farm ..... dollars	25.8	1.8	36.2	2.0
Crops, including nursery and greenhouse crops $1,000	33.3	1.2	33.6	1.2
Livestock, poultry, and their products $1,000	5.5	.6	5.7	.6
Farms by value of sales:				
Less than $2,500	72.7	2.2	(X)	(X)
$2,500 to $4,999	–3.7	1.5	(X)	(X)
$5,000 to $9,999	–16.4	1.2	(X)	(X)
$10,000 to $24,999	–24.0	1.0	–24.0	1.0
$25,000 to $49,999	–22.9	1.0	–22.9	1.0
$50,000 to $99,999	–21.8	1.3	–21.8	1.2
$100,000 to $249,999	–12.7	1.2	–12.7	1.2
$250,000 to $499,999	25.6	.5	25.6	.5
$500,000 or more	72.0	–	72.0	–
Total farm production expenses[1] $1,000	8.5	1.0	8.5	1.0
Average per farm ..... dollars	15.4	1.7	24.4	1.9
Net cash return from agricultural sales for the farm unit (see text)[1] ..... farms	–6.0	1.2	–12.8	1.1
$1,000	35.4	1.7	35.9	1.7
Average per farm ..... dollars	44.0	2.6	55.8	2.8
Operators by principal occupation:				
Farming	–15.9	1.0	–17.7	1.0
Other	16.4	1.6	4.7	1.6
Operators by days worked off farm:				
Any	6.4	1.4	–1.0	1.4
200 days or more	12.1	1.5	3.7	1.6
Livestock and poultry:				
Cattle and calves inventory ..... farms	–11.9	1.1	–15.6	1.1
number	–8.0	.8	–8.8	.8
Beef cows ..... farms	–8.5	1.2	–11.7	1.2
number	–3.4	1.2	–4.5	1.2
Milk cows ..... farms	–28.4	1.1	–28.7	1.1
number	–14.2	1.0	–14.2	1.0
Cattle and calves sold ..... farms	–12.0	1.1	–15.5	1.1
number	–10.6	.6	–11.2	.6
Hogs and pigs inventory ..... farms	–45.8	.6	–44.5	.6
number	3.5	.7	4.1	.7
Hogs and pigs sold ..... farms	–46.1	.6	–44.6	.6
number	2.5	.7	3.0	.7
Sheep and lambs inventory ..... farms	–34.5	.9	–37.9	.9
number	–34.5	.8	–33.6	.9
Layers and pullets 13 weeks old and older inventory (see text) ..... farms	–28.1	1.1	–34.2	1.2
number	98.1	.5	98.5	.5
Broilers and other meat-type chickens sold ..... farms	–20.4	1.7	–26.1	1.8
number	–25.5	.8	–25.6	.8
Selected crops harvested:				
Corn for grain or seed ..... farms	–15.0	1.1	–13.4	1.1
acres	–7.3	.9	–7.0	.9
bushels	–12.4	.8	–12.1	.8
Corn for silage or green chop ..... farms	–12.2	1.1	–12.2	1.1
acres	–7.4	.9	–7.3	.9
tons, green	–2.5	.9	–2.5	.9
Wheat for grain ..... farms	–25.9	1.4	–26.5	1.4
acres	–26.4	1.7	–27.4	1.7
bushels	–23.5	1.8	–23.9	1.8
Oats for grain ..... farms	–39.4	.8	–39.8	.8
acres	–42.4	.7	–42.6	.7
bushels	–38.5	.7	–38.6	.7
Soybeans for beans ..... farms	–5.9	1.2	–5.6	1.2
acres	20.6	1.1	20.9	1.1
bushels	26.4	1.2	26.6	1.2
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms	–15.8	1.1	–18.9	1.1
acres	–10.6	1.1	–11.7	1.1
tons, dry	–14.5	1.0	–15.3	1.0

[1]Data are based on a sample of farms.

Table F. **Reliability Estimates for the State and County Totals: 1997**

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

Geographic area	Farms		Land in farms		Average size of farm		Average market value of land and buildings per farm[1]		Estimated market value of all machinery and equipment[1]	
	Total (number)	Relative standard error of estimate (percent)	Total (acres)	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)
Iowa	**90 792**	**.6**	**31 166 699**	**.5**	**343**	**.8**	**566 587**	**.9**	**7 318 851**	**.8**
Adair	792	.6	335 756	.9	424	1.1	380 402	4.4	53 573	3.8
Adams	573	.7	235 441	1.0	411	1.3	380 020	5.0	38 914	11.0
Allamakee	958	.6	295 778	1.0	309	1.2	296 120	5.8	65 962	5.1
Appanoose	797	.7	241 094	1.3	303	1.4	193 374	5.7	35 661	16.0
Audubon	649	.6	272 258	.9	420	1.0	650 917	5.7	56 807	8.2
Benton	1 210	.5	418 483	.7	346	.9	706 732	3.7	109 537	5.8
Black Hawk	1 002	.5	285 972	.8	285	.9	622 032	3.5	82 548	5.9
Boone	863	.4	328 906	.7	381	.8	770 510	3.3	83 685	7.1
Bremer	982	.6	238 528	.8	243	1.0	479 658	4.1	71 487	5.9
Buchanan	1 136	.5	336 863	.7	297	.9	513 191	4.1	87 074	5.0
Buena Vista	867	.5	356 751	.6	411	.8	845 515	3.9	85 969	5.1
Butler	1 085	.4	324 282	.6	299	.8	519 040	3.4	73 952	5.4
Calhoun	793	.7	336 516	.8	424	1.1	1 005 171	4.5	92 250	4.7
Carroll	1 102	.5	352 698	.7	320	.9	603 581	3.6	114 113	5.4
Cass	804	.6	331 362	.9	412	1.0	518 379	3.8	59 547	5.4
Cedar	965	.5	325 744	.8	338	.9	696 404	4.4	93 449	4.9
Cerro Gordo	822	.6	300 851	.8	366	1.0	680 433	3.6	79 209	4.6
Cherokee	890	.5	330 355	.8	371	.9	686 623	4.2	79 812	5.9
Chickasaw	926	.6	272 371	.8	294	1.0	445 954	5.0	76 356	7.5
Clarke	678	.7	221 848	1.4	327	1.6	251 123	6.0	29 384	8.0
Clay	668	.5	285 829	.8	428	.9	794 008	4.7	73 814	6.2
Clayton	1 638	.5	452 050	.7	276	.9	385 574	3.5	112 436	4.5
Clinton	1 268	.6	367 764	.8	290	1.0	495 403	3.8	90 679	6.1
Crawford	1 107	.7	431 726	.9	390	1.1	560 413	3.9	98 181	7.1
Dallas	918	.4	323 612	.7	353	.8	840 534	5.6	77 853	5.3
Davis	884	.6	266 508	1.1	301	1.3	253 719	4.5	34 144	6.1
Decatur	730	.5	261 927	1.0	359	1.1	207 685	5.3	31 420	8.5
Delaware	1 278	.5	326 187	.6	255	.8	450 837	3.6	116 501	4.4
Des Moines	650	.5	192 165	1.0	296	1.2	455 489	8.6	45 870	8.7
Dickinson	512	.5	201 126	.9	393	1.1	666 643	5.5	41 278	7.3
Dubuque	1 579	.7	336 497	.8	213	1.1	336 380	3.6	109 384	5.4
Emmet	519	.5	220 174	.8	424	.9	727 640	5.4	55 845	7.9
Fayette	1 295	.6	404 407	.7	312	.9	468 712	3.8	111 478	5.1
Floyd	850	.5	300 255	.7	353	.9	629 372	4.3	77 949	5.4
Franklin	856	.6	344 296	.7	402	.9	753 642	3.6	90 484	7.7
Fremont	568	.6	318 355	.8	560	1.0	721 146	4.2	52 817	6.3
Greene	763	.6	343 346	.8	450	1.0	852 473	4.0	71 380	6.7
Grundy	754	.4	321 389	.6	426	.7	966 952	3.2	92 869	5.6
Guthrie	847	.7	304 177	1.0	359	1.2	481 336	6.5	56 303	6.7
Hamilton	790	.4	348 675	.5	441	.6	948 567	4.3	95 606	5.2
Hancock	849	.4	334 050	.7	393	.8	828 770	3.6	90 695	5.4
Hardin	857	.5	339 951	.7	397	.9	776 556	3.2	81 542	5.1
Harrison	876	.8	392 708	.9	448	1.2	634 999	4.7	88 993	7.0
Henry	835	.5	244 704	.9	293	1.1	481 740	7.4	63 446	9.1
Howard	862	.6	269 750	.8	313	1.0	431 916	3.8	63 635	6.7
Humboldt	600	.6	257 411	.8	429	1.0	924 260	4.8	82 420	6.5
Ida	637	.9	253 306	1.1	398	1.5	657 881	4.3	56 297	6.7
Iowa	976	.5	331 922	.7	340	.9	472 078	3.0	71 068	6.1
Jackson	1 280	.6	334 824	.9	262	1.1	297 048	4.2	71 742	5.9
Jasper	1 204	.6	420 637	.8	349	1.0	540 222	4.3	87 580	4.3
Jefferson	765	.7	228 017	1.1	298	1.3	327 898	6.2	38 613	7.3
Johnson	1 261	.6	288 139	.9	229	1.1	415 623	4.0	70 080	4.5
Jones	1 029	.5	321 934	.8	313	.9	484 280	3.9	78 341	7.2
Keokuk	968	.7	323 028	1.0	334	1.2	523 123	4.8	72 468	5.6
Kossuth	1 404	.5	580 884	.6	414	.8	884 927	3.3	153 835	5.0
Lee	861	.6	256 685	1.1	298	1.2	381 446	5.8	61 518	8.0
Linn	1 480	.5	339 227	.8	229	.9	525 825	4.8	88 947	5.7
Louisa	593	.6	201 393	1.0	340	1.2	481 986	4.7	51 178	6.5
Lucas	706	.7	227 160	1.4	322	1.5	245 943	6.6	30 606	9.0
Lyon	1 149	.9	348 492	1.0	303	1.3	565 532	3.5	90 188	4.9
Madison	986	.7	316 579	1.1	321	1.3	427 050	5.0	53 905	6.8
Mahaska	1 022	.6	329 038	.8	322	1.0	465 895	4.3	75 193	5.0
Marion	971	.6	285 724	1.0	294	1.2	408 068	5.1	53 684	5.6
Marshall	912	.5	319 392	.8	350	1.0	662 645	4.6	74 798	5.5
Mills	496	.7	232 129	1.1	468	1.3	684 846	4.8	41 392	7.9
Mitchell	824	.6	265 173	.8	322	1.0	573 647	4.1	68 636	8.3
Monona	697	.7	367 651	.8	527	1.0	691 520	6.6	62 099	5.9
Monroe	691	.9	217 317	1.5	314	1.7	254 477	7.0	29 987	8.4
Montgomery	577	.5	242 650	.8	421	1.0	534 755	4.1	53 855	7.7
Muscatine	783	.6	219 001	1.0	280	1.2	444 479	5.1	67 350	11.6
O'Brien	977	.6	358 472	.8	367	1.0	795 168	4.1	106 665	6.3
Osceola	649	.7	240 601	1.0	371	1.2	729 355	4.3	65 947	6.3
Page	845	.5	309 228	.9	366	1.1	402 409	5.0	57 962	6.6
Palo Alto	787	.6	327 733	.8	416	1.0	790 686	4.9	71 782	6.5
Plymouth	1 490	.7	512 029	.8	344	1.0	638 394	4.1	117 613	4.5
Pocahontas	778	.6	356 988	.8	459	1.0	990 319	3.9	99 132	4.8
Polk	800	.6	225 623	1.0	282	1.2	602 608	6.4	59 702	7.7
Pottawattamie	1 325	.6	536 704	.8	405	1.0	731 847	3.4	118 478	5.5
Poweshiek	934	.6	335 296	.8	359	1.0	498 409	4.6	68 520	5.6
Ringgold	671	.8	263 753	1.2	393	1.4	273 901	4.7	37 072	6.3
Sac	813	.6	344 949	.7	424	.9	840 563	3.9	82 738	6.8
Scott	799	.6	225 248	.9	282	1.1	852 488	4.2	81 548	5.7
Shelby	921	.7	342 366	.9	372	1.1	609 382	4.5	73 342	6.2
Sioux	1 752	.6	493 556	.7	282	.9	661 908	2.6	163 526	4.3

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Farms		Land in farms		Average size of farm		Average market value of land and buildings per farm[1]		Estimated market value of all machinery and equipment[1]	
	Total (number)	Relative standard error of estimate (percent)	Total (acres)	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)
Story	946	.5	340 885	.8	360	1.0	801 353	5.2	92 918	5.5
Tama	1 152	.6	396 220	.8	344	1.0	608 765	3.5	88 223	5.8
Taylor	746	.9	291 497	1.1	391	1.4	354 123	5.5	29 838	10.8
Union	671	.8	225 134	1.4	336	1.6	311 057	8.7	31 682	16.6
Van Buren	807	.8	257 227	1.3	319	1.5	240 446	6.2	39 861	9.4
Wapello	781	.7	208 213	1.1	267	1.3	354 530	8.3	49 304	9.6
Warren	1 214	.6	299 835	1.1	247	1.2	352 257	5.9	59 963	8.6
Washington	1 061	.6	317 699	.9	299	1.1	545 505	5.3	87 757	6.1
Wayne	729	.5	286 412	.9	393	1.0	252 553	5.0	34 944	10.6
Webster	937	.5	412 641	.6	440	.8	1 069 561	3.1	105 212	4.5
Winnebago	607	.4	241 600	.7	398	.9	717 501	4.2	66 257	6.2
Winneshiek	1 450	.7	360 778	.9	249	1.1	321 413	3.6	88 833	4.3
Woodbury	1 306	.8	497 241	.9	381	1.2	506 937	3.4	102 151	5.4
Worth	608	.5	227 898	.9	375	1.0	639 598	4.5	60 470	5.9
Wright	717	.4	349 675	.6	488	.7	1 055 635	3.5	97 737	5.9

Geographic area	Average market value of all machinery and equipment per farm[1]		Market value of agricultural products sold		Average market value of agricultural products sold per farm		Farm production expenses[1]			
							Total farm production expenses			
							Farms		Value	
	Value (dollars)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Iowa	**80 651**	**1.0**	**11 947 894**	**.3**	**131 596**	**.7**	**90 786**	**.6**	**8 405 838**	**.4**
Adair	67 728	3.9	82 545	.8	104 223	1.0	791	.7	59 677	2.9
Adams	67 912	11.1	49 642	1.0	86 635	1.2	573	1.0	35 262	5.0
Allamakee	68 782	5.1	80 826	.9	84 370	1.1	959	.7	55 806	4.2
Appanoose	44 744	16.0	28 757	1.5	36 082	1.7	797	.9	21 014	7.1
Audubon	87 530	8.3	114 110	.6	175 824	.8	649	.8	86 803	2.0
Benton	90 602	5.9	157 977	.6	130 559	.8	1 209	.6	113 156	1.9
Black Hawk	82 466	6.0	127 892	.6	127 636	.8	1 001	.7	89 869	1.9
Boone	96 969	7.1	119 995	.6	139 045	.7	863	.6	78 305	2.3
Bremer	72 871	5.9	101 575	.7	103 437	.9	981	.7	68 032	2.9
Buchanan	76 717	5.1	137 169	.6	120 747	.8	1 135	.6	99 416	2.1
Buena Vista	99 272	5.1	210 089	.3	242 317	.6	866	.7	139 583	1.3
Butler	68 158	5.4	131 473	.5	121 174	.7	1 085	.6	92 343	2.3
Calhoun	116 477	4.8	140 244	.7	176 853	.9	792	.8	91 209	2.4
Carroll	103 551	5.5	221 458	.4	200 960	.7	1 102	.6	163 900	1.5
Cass	74 063	5.5	94 100	.7	117 040	.9	804	.7	69 525	2.3
Cedar	96 939	5.0	128 566	.7	133 229	.8	964	.7	90 267	2.3
Cerro Gordo	96 361	4.7	120 620	.6	146 739	.9	822	.8	85 779	2.1
Cherokee	90 490	6.0	145 854	.5	163 881	.7	889	.7	102 162	2.3
Chickasaw	82 369	7.6	122 131	.6	131 891	.9	927	.7	88 106	1.9
Clarke	43 340	8.0	38 534	1.1	56 835	1.3	678	.9	34 199	2.8
Clay	110 500	6.2	120 624	.6	180 574	.7	668	.7	78 303	2.8
Clayton	68 600	4.5	171 442	.6	104 665	.8	1 639	.6	123 749	1.8
Clinton	71 626	6.1	148 387	.7	117 025	.9	1 266	.6	112 528	2.1
Crawford	88 611	7.1	143 011	.7	129 188	1.0	1 108	.9	106 846	1.9
Dallas	84 900	5.4	117 622	.5	128 128	.7	917	.6	71 377	2.2
Davis	38 669	6.1	55 850	1.0	63 178	1.2	883	.8	44 889	2.9
Decatur	42 924	8.5	54 349	.7	74 450	.8	732	.6	39 938	3.3
Delaware	91 087	4.4	195 918	.5	153 300	.7	1 279	.7	137 908	1.9
Des Moines	70 353	8.7	69 769	.9	107 337	1.0	652	.7	49 248	5.2
Dickinson	80 621	7.3	72 854	.7	142 294	.9	512	.8	55 804	2.0
Dubuque	69 318	5.5	171 651	.7	108 709	1.0	1 578	.8	127 281	2.1
Emmet	107 602	7.9	91 349	.6	176 009	.8	519	.8	58 017	2.6
Fayette	86 084	5.2	181 137	.5	139 874	.8	1 295	.7	126 410	1.7
Floyd	91 489	5.4	113 534	.6	133 569	.8	852	.6	84 177	2.3
Franklin	105 337	7.7	180 192	.4	210 504	.7	859	.7	139 062	1.6
Fremont	93 152	6.4	88 185	.7	155 256	.9	567	.8	55 616	2.5
Greene	93 552	6.7	122 235	.7	160 203	.9	763	.8	75 837	2.4
Grundy	123 332	5.6	149 118	.4	197 769	.6	753	.7	103 246	1.6
Guthrie	66 553	6.8	95 779	.7	113 080	1.0	846	.8	71 093	2.4
Hamilton	121 174	5.2	227 219	.2	287 619	.4	789	.6	158 228	.9
Hancock	106 826	5.4	140 661	.5	165 679	.7	849	.6	98 495	1.8
Hardin	95 260	5.2	201 877	.4	235 563	.7	856	.7	150 236	1.2
Harrison	101 590	7.0	112 981	.8	128 974	1.1	876	.9	73 412	2.5
Henry	75 892	9.2	77 086	.8	92 319	1.0	836	.7	55 921	4.0
Howard	73 737	6.8	95 130	.7	110 359	.9	863	.7	67 827	3.1
Humboldt	137 366	6.6	100 520	.7	167 533	.9	600	.8	63 217	3.0
Ida	88 517	6.8	95 685	.9	150 212	1.3	636	1.1	64 029	3.0
Iowa	72 816	6.1	104 865	.7	107 443	.9	976	.7	71 864	2.2
Jackson	56 579	6.0	96 659	.8	75 515	1.0	1 280	.7	75 113	2.6
Jasper	72 740	4.4	153 843	.7	127 776	.9	1 204	.8	97 478	2.3
Jefferson	50 541	7.3	57 520	1.2	75 190	1.3	764	.8	36 332	4.5
Johnson	55 575	4.6	100 391	.9	79 613	1.0	1 261	.7	72 898	2.3
Jones	76 208	7.3	136 937	.6	133 077	.7	1 028	.6	100 511	2.2
Keokuk	74 786	5.7	96 734	.9	99 932	1.1	969	.9	71 065	3.2

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Average market value of all machinery and equipment per farm[1]		Market value of agricultural products sold		Average market value of agricultural products sold per farm		Farm production expenses[1]			
							Total farm production expenses			
							Farms		Value	
	Value (dollars)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Kossuth	109 491	5.1	242 775	.5	172 917	.7	1 405	.7	162 320	1.6
Lee	71 284	8.1	77 358	1.0	89 847	1.2	863	.7	56 337	3.4
Linn	60 099	5.7	113 460	.7	76 662	.9	1 480	.7	78 785	2.4
Louisa	86 449	6.6	81 296	.7	137 093	.9	592	.8	53 833	3.3
Lucas	43 351	9.1	29 371	1.6	41 602	1.7	706	.9	22 214	4.7
Lyon	78 493	4.9	198 795	.6	173 016	1.1	1 149	.8	145 807	1.7
Madison	54 615	6.8	73 550	.8	74 594	1.1	987	.8	58 862	2.6
Mahaska	73 575	5.0	156 722	.5	153 348	.8	1 022	.7	106 900	2.0
Marion	55 288	5.6	73 114	.9	75 298	1.1	971	.8	49 036	2.7
Marshall	81 835	5.5	117 640	.7	128 992	.9	914	.7	80 870	2.1
Mills	83 621	7.9	59 190	1.1	119 334	1.3	495	.8	34 423	4.0
Mitchell	84 112	8.4	160 571	.5	194 868	.8	827	.7	122 220	2.1
Monona	88 968	6.0	100 554	.7	144 267	1.0	698	.8	69 682	2.6
Monroe	43 397	8.5	39 323	1.4	56 907	1.7	691	1.0	29 882	3.4
Montgomery	93 498	7.8	82 602	.6	143 157	.8	576	.8	53 462	2.9
Muscatine	86 125	11.6	73 835	.9	94 298	1.1	782	.9	55 741	2.5
O'Brien	109 176	6.3	180 036	.5	184 274	.8	977	.7	123 842	1.8
Osceola	101 614	6.4	139 942	.5	215 627	.9	649	.8	95 705	1.5
Page	68 675	6.6	79 419	.8	93 986	1.0	844	.7	50 123	3.4
Palo Alto	91 209	6.5	155 767	.5	197 925	.7	787	.7	100 333	1.7
Plymouth	78 988	4.6	238 391	.5	159 994	.8	1 489	.7	173 372	1.5
Pocahontas	127 583	4.9	138 598	.7	178 147	.9	777	.8	79 515	2.2
Polk	74 442	7.8	71 221	.9	89 026	1.1	802	.8	42 541	3.5
Pottawattamie	89 350	5.5	190 001	.6	143 397	.9	1 326	.7	130 063	1.9
Poweshiek	73 440	5.6	107 375	.7	114 963	1.0	933	.8	72 216	2.7
Ringgold	55 249	6.4	48 665	.8	72 526	1.1	671	1.0	40 433	1.9
Sac	101 894	6.9	190 949	.4	234 870	.7	812	.8	133 924	1.5
Scott	102 191	5.8	95 104	.8	119 029	1.0	798	.9	72 368	2.6
Shelby	79 719	6.3	132 843	.7	144 237	1.0	920	.8	91 309	2.8
Sioux	93 390	4.3	507 960	.3	289 932	.6	1 751	.6	378 426	.7
Story	98 118	5.6	130 832	.7	138 300	.9	947	.7	84 555	2.4
Tama	76 516	5.9	127 816	.8	110 952	1.0	1 153	.7	91 847	2.4
Taylor	40 051	10.8	62 200	.8	83 378	1.2	745	1.1	43 481	3.8
Union	47 146	16.7	39 032	1.5	58 169	1.7	672	.9	28 838	3.9
Van Buren	49 516	9.4	43 027	1.5	53 318	1.7	805	1.0	31 529	3.5
Wapello	63 291	9.7	44 604	1.2	57 112	1.3	779	.8	31 882	6.0
Warren	49 352	8.6	59 615	1.1	49 106	1.2	1 215	.7	40 526	2.7
Washington	82 634	6.2	174 186	.5	164 171	.8	1 062	.9	120 050	2.1
Wayne	47 934	10.7	36 564	1.1	50 157	1.2	729	.7	26 130	4.3
Webster	112 406	4.6	166 258	.5	177 436	.7	936	.7	105 595	1.6
Winnebago	109 336	6.2	78 356	.7	129 088	.8	606	.7	53 161	3.3
Winneshiek	61 264	4.4	131 310	.8	90 559	1.0	1 450	.8	94 934	2.0
Woodbury	78 638	5.5	151 324	.7	115 869	1.1	1 308	.8	115 872	1.9
Worth	99 621	6.0	76 626	.8	126 030	.9	607	.7	53 185	2.9
Wright	136 504	6.0	175 045	.3	244 136	.5	716	.6	137 341	1.4

Geographic area	Farm production expenses[1]—Con.											
	Livestock and poultry purchased				Feed for livestock and poultry				Seeds, bulbs, plants, and trees			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Iowa	**30 572**	**1.2**	**1 260 448**	**.6**	**46 733**	**.9**	**1 585 107**	**.5**	**68 732**	**.7**	**488 961**	**.7**
Adair	323	10.4	8 225	10.1	485	6.6	11 584	7.4	617	3.6	3 354	5.5
Adams	179	15.4	5 115	11.6	334	7.4	5 101	8.8	378	5.8	2 401	8.5
Allamakee	408	8.9	4 165	14.5	636	4.1	12 962	8.0	670	4.4	2 474	6.3
Appanoose	203	13.5	2 164	18.1	453	7.2	2 619	36.1	412	7.2	1 256	10.1
Audubon	242	10.8	17 248	4.4	399	7.0	16 411	2.6	536	3.0	5 081	5.3
Benton	379	10.6	14 331	4.3	592	7.2	13 392	5.1	918	2.2	7 491	4.8
Black Hawk	308	9.2	9 397	8.5	441	7.3	15 915	3.7	793	2.8	5 567	4.2
Boone	236	12.7	8 866	5.1	399	7.9	9 959	3.9	650	3.1	6 370	7.7
Bremer	378	9.2	7 207	11.0	540	6.6	8 964	7.5	738	3.5	4 433	5.8
Buchanan	495	6.8	11 338	6.1	575	6.0	16 382	4.4	908	3.2	6 234	4.7
Buena Vista	323	9.7	30 501	2.3	445	7.9	39 360	2.3	711	2.9	6 219	4.4
Butler	437	7.8	13 930	8.1	583	5.6	13 830	4.2	835	2.5	6 156	3.9
Calhoun	207	14.0	15 761	2.9	259	11.2	13 310	3.3	724	2.6	6 065	5.3
Carroll	472	7.6	47 511	2.0	626	5.6	36 116	2.0	924	2.1	6 823	4.9
Cass	259	11.3	13 794	4.4	451	7.1	8 163	3.2	661	3.7	4 293	5.3
Cedar	370	9.4	11 172	7.7	466	7.4	11 507	4.6	731	2.5	6 331	4.3
Cerro Gordo	198	12.8	6 982	6.3	292	9.8	11 438	5.9	648	2.0	6 580	3.6
Cherokee	366	8.8	19 399	5.4	541	5.7	18 179	3.6	765	2.1	5 348	3.8
Chickasaw	320	8.5	14 696	5.6	481	5.6	14 892	4.7	707	3.2	5 159	5.0

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Farm production expenses[1]—Con.											
	Livestock and poultry purchased				Feed for livestock and poultry				Seeds, bulbs, plants, and trees			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Clarke	209	12.5	3 709	7.0	410	6.4	8 987	2.5	440	5.5	1 369	8.4
Clay	200	14.1	10 639	7.8	341	9.1	12 665	6.7	598	2.7	5 160	6.1
Clayton	618	7.0	10 967	8.0	1 055	3.0	30 705	3.4	1 177	2.7	6 383	4.4
Clinton	578	7.2	20 182	4.1	724	5.7	14 081	4.7	993	2.5	7 046	5.3
Crawford	427	9.1	20 794	5.8	649	5.9	14 226	5.7	853	3.5	6 349	4.0
Dallas	223	13.4	6 778	7.7	403	8.6	7 903	5.9	653	3.2	4 990	4.2
Davis	364	8.1	5 199	16.2	581	4.9	14 224	3.1	502	5.5	1 373	5.2
Decatur	185	13.1	6 445	4.5	426	6.6	12 860	4.2	361	7.2	1 168	14.4
Delaware	668	6.0	19 576	5.7	906	3.5	35 633	3.5	1 102	2.0	5 603	3.1
Des Moines	188	16.6	6 393	7.2	281	12.3	7 380	6.3	516	3.6	3 480	10.4
Dickinson	149	14.1	12 208	4.4	204	11.9	8 961	5.6	386	3.4	3 382	6.9
Dubuque	690	6.5	19 749	5.5	1 118	3.1	33 334	4.7	1 147	3.1	4 511	4.4
Emmet	152	13.3	11 182	6.0	199	11.5	9 978	5.6	422	3.8	3 492	5.6
Fayette	489	8.4	17 410	3.6	696	6.1	23 751	3.8	1 028	2.7	6 928	3.4
Floyd	285	10.6	7 799	9.8	394	8.9	6 865	6.5	654	3.1	6 001	3.1
Franklin	286	11.7	18 735	5.9	434	7.9	47 363	2.0	748	3.3	6 561	4.4
Fremont	118	17.4	10 038	8.3	211	12.6	3 521	7.7	479	3.0	4 506	4.8
Greene	230	12.4	10 841	3.1	303	10.8	7 668	7.4	678	2.3	6 129	7.2
Grundy	245	10.2	12 099	4.0	345	8.2	16 820	2.5	682	2.2	5 911	3.6
Guthrie	264	10.9	7 617	7.2	442	6.4	16 122	4.8	596	4.0	3 554	7.3
Hamilton	233	12.2	25 054	1.7	310	9.9	51 279	1.1	674	2.3	6 452	3.2
Hancock	242	12.1	10 074	7.4	291	10.8	18 099	4.2	742	2.4	6 737	5.5
Hardin	293	10.8	20 961	2.5	478	6.8	47 795	1.1	691	3.1	6 288	3.5
Harrison	198	14.6	7 601	8.0	355	9.6	7 747	4.7	680	3.3	5 845	4.0
Henry	273	12.2	4 179	9.5	426	8.1	8 957	7.9	581	4.3	4 158	7.7
Howard	307	11.6	7 514	9.0	476	6.9	9 724	7.8	669	3.2	5 112	4.1
Humboldt	126	17.3	8 393	5.2	156	15.3	6 961	7.2	533	2.4	4 618	5.0
Ida	218	13.5	11 717	8.7	295	10.2	7 326	5.5	503	4.6	3 706	5.0
Iowa	331	9.2	8 648	7.0	538	5.9	12 119	5.1	709	3.6	4 472	4.9
Jackson	538	7.0	14 530	9.3	832	3.6	14 583	6.1	852	3.5	3 378	6.2
Jasper	359	9.6	11 430	6.6	641	6.0	15 908	4.6	903	2.9	6 896	3.9
Jefferson	192	12.9	4 317	12.4	376	9.0	5 530	6.5	473	5.9	2 464	8.4
Johnson	495	6.6	7 593	7.8	703	4.5	15 765	5.3	858	3.2	4 765	3.6
Jones	440	8.2	19 007	4.5	593	6.0	16 681	4.5	774	2.9	5 159	4.1
Keokuk	303	11.6	6 770	10.4	466	7.5	13 613	7.7	715	3.3	4 332	6.8
Kossuth	432	9.2	22 612	5.2	521	7.8	21 772	5.9	1 218	1.7	10 750	3.5
Lee	282	12.1	6 134	11.4	428	8.3	10 399	11.5	561	4.6	3 499	5.5
Linn	339	11.0	9 544	7.1	641	6.7	8 353	11.3	1 060	2.6	5 801	4.6
Louisa	138	16.5	4 986	7.3	241	10.4	10 505	2.1	423	4.2	3 269	8.7
Lucas	227	11.3	2 200	12.3	397	6.8	2 819	8.4	398	6.1	1 196	5.9
Lyon	563	6.3	34 535	3.2	752	4.8	35 154	2.2	894	3.0	6 643	3.8
Madison	299	11.6	5 273	14.8	581	6.2	15 082	3.9	605	5.1	3 381	6.3
Mahaska	401	8.0	20 376	5.0	584	5.7	26 813	3.1	727	2.5	4 924	4.4
Marion	190	13.0	5 394	7.9	363	9.9	5 143	9.8	695	4.7	4 085	4.8
Marshall	275	11.0	8 121	7.2	382	8.9	8 487	4.6	645	2.8	5 529	4.2
Mills	126	20.7	2 432	19.8	232	13.0	2 076	9.7	392	4.6	3 001	6.1
Mitchell	416	7.1	20 153	5.3	469	6.7	33 967	4.2	633	4.0	5 098	5.6
Monona	245	13.0	11 814	7.0	374	9.6	7 886	8.9	548	3.6	6 245	5.0
Monroe	239	10.8	3 244	13.1	385	6.8	5 906	6.6	385	5.9	1 420	8.3
Montgomery	155	16.4	6 700	4.1	276	11.2	9 634	3.5	446	3.5	3 980	6.9
Muscatine	235	13.0	5 306	12.6	375	9.1	7 538	9.3	589	3.8	3 624	5.3
O'Brien	416	7.2	23 567	4.8	522	6.2	26 384	3.7	879	2.8	7 025	4.1
Osceola	210	12.1	18 465	3.9	278	9.7	23 882	2.1	566	2.4	4 908	4.0
Page	269	10.9	5 476	7.7	440	6.5	4 808	11.7	649	3.0	4 095	6.6
Palo Alto	196	12.3	14 672	5.1	309	9.7	21 772	2.7	697	2.2	5 737	5.0
Plymouth	606	6.4	38 556	3.2	822	4.7	36 779	2.8	1 143	2.8	8 155	3.1
Pocahontas	189	12.6	8 444	7.1	232	11.5	11 941	4.7	736	2.1	6 411	3.8
Polk	172	15.8	2 463	13.7	331	9.5	2 485	13.8	571	3.6	4 150	4.7
Pottawattamie	413	9.5	23 830	3.8	660	6.8	11 989	4.0	1 098	2.6	9 275	4.6
Poweshiek	309	9.8	6 296	12.1	535	5.6	10 313	6.7	650	3.7	4 598	4.1
Ringgold	183	14.4	3 190	5.6	410	6.5	11 050	2.4	402	5.4	1 549	7.1
Sac	230	11.8	23 322	2.8	359	9.0	31 862	3.5	683	3.6	5 841	5.0
Scott	245	14.5	7 042	7.8	342	11.3	8 416	7.9	658	3.5	4 893	3.8
Shelby	393	9.4	14 183	5.4	612	5.6	13 237	6.0	829	2.2	6 316	5.2
Sioux	1 010	3.8	124 591	1.1	1 206	3.2	108 873	1.7	1 391	2.6	10 907	3.2
Story	217	13.8	9 433	8.2	340	10.1	10 195	5.7	780	2.5	6 327	4.9
Tama	345	10.4	7 936	6.8	578	6.6	10 133	5.6	845	3.5	6 141	4.8
Taylor	237	13.4	5 179	18.2	408	6.5	11 639	4.4	476	5.5	2 076	7.0
Union	183	14.8	3 482	13.5	382	7.1	4 003	5.8	392	5.7	1 969	10.7
Van Buren	265	12.8	1 950	7.7	475	6.6	5 795	16.1	520	5.0	1 720	6.7
Wapello	183	15.0	2 861	9.5	371	9.1	3 087	13.1	439	5.2	2 673	11.4
Warren	329	11.0	2 750	13.7	598	6.4	4 412	9.6	800	3.9	3 056	6.7
Washington	376	9.7	19 183	6.4	514	7.5	34 096	4.3	811	3.0	5 486	5.7
Wayne	276	11.7	2 701	15.4	448	6.5	3 062	11.4	494	5.7	1 807	9.2
Webster	181	14.5	9 343	2.9	289	10.4	16 493	1.6	813	2.3	7 562	3.6
Winnebago	107	17.9	2 562	25.1	197	12.1	3 191	13.8	483	3.0	4 559	5.5
Winneshiek	562	7.0	9 763	8.7	911	3.6	19 782	5.0	1 033	3.0	5 221	3.7
Woodbury	429	8.5	21 594	2.6	666	6.6	14 055	5.4	883	3.1	7 781	4.5
Worth	154	16.5	2 662	12.6	265	11.0	6 959	5.6	474	3.4	4 252	4.6
Wright	106	17.4	8 177	4.3	176	14.1	37 663	2.4	620	2.2	6 110	3.5

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Farm production expenses[1]—Con.											
	Commercial fertilizer				Agricultural chemicals				Petroleum products			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Iowa	**65 626**	**.7**	**636 785**	**.8**	**64 489**	**.8**	**521 566**	**.8**	**84 456**	**.6**	**350 799**	**.7**
Adair	616	3.7	5 031	5.7	591	4.0	4 082	7.8	727	2.2	2 311	4.4
Adams	376	6.1	2 809	11.8	385	6.8	2 579	8.8	491	3.4	1 905	8.1
Allamakee	599	5.7	3 337	10.3	572	6.2	2 215	9.2	838	3.0	2 953	6.0
Appanoose	440	7.3	1 819	11.8	405	8.2	1 221	11.4	732	2.6	1 224	6.0
Audubon	495	4.1	5 723	8.3	501	4.9	5 305	6.4	608	2.0	2 915	6.5
Benton	800	3.4	10 094	4.7	881	3.4	9 034	6.2	1 165	1.8	5 089	4.2
Black Hawk	783	2.8	6 996	4.3	756	3.6	6 591	5.0	970	1.1	3 893	3.5
Boone	648	3.6	7 217	4.7	638	3.9	6 488	4.4	818	1.7	3 136	4.3
Bremer	743	3.8	5 966	5.8	726	4.0	5 099	5.2	929	1.8	3 280	5.3
Buchanan	888	3.2	8 031	6.1	893	3.2	7 302	5.0	1 095	1.4	4 581	3.4
Buena Vista	713	3.0	7 828	4.5	710	3.6	6 806	5.8	809	1.9	4 749	2.8
Butler	806	3.0	7 789	4.2	783	3.9	7 130	5.3	973	1.9	3 675	6.5
Calhoun	722	2.5	9 013	4.6	684	3.3	6 478	6.0	746	2.4	4 194	8.1
Carroll	902	2.5	8 042	5.6	872	3.6	7 467	6.9	1 053	2.0	5 052	3.4
Cass	644	3.8	5 051	5.2	627	4.6	4 858	8.9	784	1.5	2 686	6.4
Cedar	708	3.2	7 538	4.9	717	3.4	6 705	5.6	888	1.9	4 200	3.8
Cerro Gordo	608	3.1	8 026	5.7	606	4.2	6 142	7.0	746	2.1	4 253	6.6
Cherokee	704	2.8	6 882	5.3	700	3.4	6 008	6.7	852	1.8	3 827	5.6
Chickasaw	661	4.3	6 543	8.2	630	4.3	5 608	6.2	914	1.1	4 076	7.6
Clarke	407	5.9	1 473	6.9	429	6.0	1 301	8.8	634	2.4	1 295	6.9
Clay	560	3.0	6 609	7.2	532	4.1	4 751	6.0	643	1.9	3 229	4.6
Clayton	1 045	3.3	7 499	4.1	1 081	3.5	5 609	3.9	1 537	1.4	6 048	3.7
Clinton	916	3.6	9 800	5.0	965	3.4	7 207	6.4	1 177	1.9	4 730	5.1
Crawford	821	3.7	8 949	5.4	842	4.4	7 564	7.5	1 017	2.2	4 143	5.1
Dallas	575	4.3	6 018	7.9	620	4.5	5 064	5.7	866	1.7	3 113	5.2
Davis	543	5.1	2 457	8.1	461	5.3	1 639	9.9	810	1.8	2 154	5.9
Decatur	384	6.4	1 779	10.1	325	8.7	1 136	11.0	680	2.2	1 535	7.4
Delaware	987	2.8	8 860	4.3	982	3.1	5 767	4.5	1 210	1.4	6 250	3.8
Des Moines	479	5.1	5 184	10.1	476	4.9	3 098	12.0	620	2.2	2 480	10.5
Dickinson	368	4.5	4 444	7.6	351	6.3	3 244	7.7	492	2.3	2 123	5.3
Dubuque	1 075	3.3	6 845	5.2	1 034	4.0	3 395	5.2	1 430	1.9	5 829	5.0
Emmet	403	4.4	5 165	7.4	384	6.0	3 214	7.5	470	2.8	2 224	7.2
Fayette	998	2.6	10 331	5.0	967	3.8	7 712	4.2	1 208	1.8	6 059	3.8
Floyd	627	3.9	7 998	5.4	628	4.4	6 412	5.4	794	2.2	3 940	4.3
Franklin	700	3.5	9 374	5.0	658	3.9	7 521	6.6	809	2.3	4 247	4.3
Fremont	423	4.0	4 993	5.7	449	4.4	5 654	6.2	516	3.6	2 415	5.0
Greene	635	2.7	8 207	6.4	648	3.4	6 314	5.0	736	1.3	2 899	3.1
Grundy	623	2.9	8 124	3.8	630	3.1	8 508	2.9	728	1.4	3 592	5.2
Guthrie	582	3.8	4 639	7.5	587	5.0	4 173	9.9	774	2.5	2 966	5.8
Hamilton	640	2.7	7 782	4.2	615	3.5	7 503	4.9	761	1.0	4 703	3.4
Hancock	704	2.5	8 596	5.1	644	4.2	6 484	5.4	841	1.1	4 501	3.6
Hardin	660	3.3	7 270	4.2	660	4.2	6 768	6.0	830	1.6	4 182	3.4
Harrison	698	3.8	7 998	4.2	660	4.7	6 027	5.6	807	2.8	3 264	4.1
Henry	554	4.2	5 135	9.6	516	5.1	4 463	9.9	774	1.9	2 681	6.7
Howard	645	3.6	6 036	5.8	611	4.8	5 241	6.2	823	1.7	3 630	5.1
Humboldt	527	2.7	6 631	6.4	498	4.2	5 110	6.8	582	1.6	2 900	6.9
Ida	530	4.7	5 557	6.1	484	4.9	4 967	6.1	599	2.8	2 739	6.2
Iowa	666	3.7	6 190	5.9	669	4.2	5 199	4.3	907	2.1	3 458	3.5
Jackson	847	3.8	6 065	8.0	779	4.0	3 129	8.0	1 170	1.9	3 867	5.2
Jasper	934	2.8	8 445	4.2	908	3.5	7 432	5.8	1 132	1.9	3 932	4.3
Jefferson	437	6.4	2 841	8.8	402	7.4	2 541	9.5	648	3.3	1 921	5.7
Johnson	767	3.8	5 494	5.7	722	4.5	5 007	4.8	1 161	2.0	3 834	4.9
Jones	749	3.3	7 417	4.6	753	3.4	5 988	5.9	971	1.4	4 641	3.2
Keokuk	615	4.6	6 253	9.9	609	5.5	4 237	8.0	880	2.5	4 338	7.1
Kossuth	1 162	2.1	15 536	4.3	1 162	2.5	11 067	4.9	1 383	1.0	7 597	3.2
Lee	598	4.7	5 513	9.7	561	5.4	3 867	7.1	780	2.9	3 018	8.9
Linn	1 024	2.9	7 105	4.9	989	3.5	5 453	6.6	1 332	2.1	4 013	3.9
Louisa	385	6.0	3 987	9.2	374	6.6	3 440	7.1	502	2.9	2 252	8.9
Lucas	393	5.9	2 120	7.5	355	6.8	1 147	9.8	640	3.0	1 352	6.6
Lyon	845	3.4	7 640	5.3	864	3.7	6 226	6.2	1 103	1.7	5 106	6.4
Madison	608	4.9	3 545	9.1	599	5.6	3 680	6.8	914	1.8	2 436	4.4
Mahaska	693	3.7	6 474	4.5	709	3.5	5 476	5.1	934	2.1	3 766	4.1
Marion	614	4.6	4 268	5.0	571	5.5	3 753	6.6	880	3.0	2 751	4.0
Marshall	628	3.4	7 322	5.1	704	3.4	7 507	5.3	814	2.6	3 761	4.6
Mills	372	6.0	3 629	7.5	357	6.7	3 751	9.5	461	2.4	1 790	6.6
Mitchell	578	5.6	5 515	8.5	591	5.6	5 213	6.3	753	2.7	4 479	4.0
Monona	559	4.3	7 412	5.5	518	5.3	5 955	6.9	655	3.2	2 920	4.6
Monroe	391	6.7	1 992	12.9	370	7.0	1 276	10.2	628	3.4	1 399	6.1
Montgomery	428	4.6	4 390	7.5	448	5.0	3 848	11.4	499	2.4	1 924	8.5
Muscatine	558	4.3	5 098	7.0	580	4.9	4 119	6.4	670	3.5	2 914	7.3
O'Brien	824	3.2	7 790	4.7	772	3.7	6 861	5.6	976	.7	4 670	3.9
Osceola	553	2.6	5 943	5.2	508	3.9	4 502	5.8	643	1.2	3 338	4.4
Page	629	3.5	4 912	6.4	619	3.8	4 464	6.9	784	2.1	2 385	7.0
Palo Alto	652	3.0	7 456	6.1	651	3.6	6 250	7.2	770	1.4	4 051	5.2
Plymouth	1 095	3.6	10 336	4.1	1 117	3.6	9 057	3.9	1 373	1.9	6 135	3.3
Pocahontas	720	2.5	8 759	4.8	672	3.1	6 212	4.8	769	1.2	3 652	4.7
Polk	497	4.9	4 320	5.6	545	4.1	4 196	6.3	755	2.0	2 133	5.7
Pottawattamie	1 111	2.8	11 717	4.4	1 048	3.5	10 464	5.9	1 234	2.0	5 087	3.5
Poweshiek	605	3.7	5 617	3.9	631	4.1	4 930	6.6	815	2.7	4 192	5.7

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Farm production expenses[1]—Con.											
	Commercial fertilizer				Agricultural chemicals				Petroleum products			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Ringgold	367	7.1	2 299	9.5	364	8.0	1 766	12.5	572	3.1	2 081	5.1
Sac	672	3.8	8 201	5.1	654	4.6	6 606	5.0	771	2.4	3 991	4.2
Scott	681	2.8	6 666	5.8	669	3.4	5 446	4.3	733	2.7	3 596	4.5
Shelby	805	2.2	8 480	4.7	812	2.6	7 214	5.4	868	2.1	3 877	7.9
Sioux	1 299	3.2	11 251	3.4	1 351	3.0	9 602	3.8	1 715	1.0	8 269	2.5
Story	762	3.2	9 253	5.8	709	4.4	6 485	7.5	904	1.7	3 661	5.8
Tama	782	3.8	9 476	5.7	801	4.2	7 348	6.7	1 043	2.5	4 263	5.8
Taylor	413	5.2	2 622	8.2	444	6.5	2 468	10.5	659	3.0	2 030	5.8
Union	399	6.2	2 227	10.1	458	7.0	2 280	10.3	560	4.6	1 341	7.0
Van Buren	466	6.3	2 501	13.1	451	6.1	2 275	8.9	714	3.1	1 457	6.1
Wapello	445	6.1	3 185	12.6	414	6.4	2 493	20.8	724	2.8	1 828	9.9
Warren	694	4.7	2 702	8.4	687	4.7	3 498	8.0	1 094	2.0	2 580	5.7
Washington	710	4.5	6 864	8.1	729	4.1	6 162	8.9	976	2.6	4 688	5.8
Wayne	499	6.3	2 653	7.2	392	7.9	1 790	10.9	705	1.6	1 576	5.7
Webster	789	2.6	10 375	3.6	730	3.6	8 279	5.2	858	2.1	4 321	4.1
Winnebago	460	3.8	6 727	5.5	406	5.2	4 788	8.4	561	2.4	3 127	3.9
Winneshiek	982	3.3	7 399	6.3	937	3.9	4 594	5.4	1 371	1.7	5 328	3.4
Woodbury	890	3.5	11 072	4.9	900	4.4	8 069	4.4	1 164	2.6	4 667	4.2
Worth	440	4.8	5 632	6.4	435	4.7	4 377	6.1	556	2.8	3 033	5.0
Wright	569	3.8	8 607	6.7	575	3.4	6 813	5.8	666	2.3	4 105	3.9

Geographic area	Farm production expenses[1]—Con.											
	Electricity				Hired farm labor				Contract labor			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Iowa	**73 232**	**.7**	**127 679**	**.8**	**33 016**	**1.1**	**316 779**	**.9**	**6 152**	**2.8**	**24 905**	**2.7**
Adair	702	2.9	1 067	6.3	266	12.4	2 375	2.3	34	44.6	74	39.6
Adams	417	6.4	670	8.3	198	14.6	1 540	5.9	28	37.6	82	13.0
Allamakee	775	3.4	1 544	6.4	323	11.5	2 470	21.1	53	35.1	85	41.8
Appanoose	575	5.4	421	11.9	212	15.3	488	7.5	60	29.2	132	28.0
Audubon	582	2.2	1 398	6.4	289	10.0	2 496	3.4	51	32.0	134	26.4
Benton	983	2.9	1 761	9.6	476	8.4	4 100	12.1	51	32.7	183	12.3
Black Hawk	827	2.9	1 087	5.0	340	9.3	4 672	6.3	71	23.5	274	28.8
Boone	720	3.7	1 109	6.3	356	9.2	4 595	9.6	71	23.8	377	25.6
Bremer	862	2.5	1 242	5.3	413	9.1	2 397	10.9	36	33.8	117	17.5
Buchanan	899	3.5	1 519	4.8	549	6.2	4 442	6.1	39	27.7	81	16.9
Buena Vista	736	3.6	1 526	3.3	418	7.6	4 647	3.3	97	22.0	455	17.2
Butler	822	3.1	1 402	5.4	405	8.0	2 694	6.4	78	25.3	242	25.6
Calhoun	666	4.1	1 179	5.4	375	9.1	2 414	5.3	31	34.8	52	21.5
Carroll	982	2.4	1 978	4.0	520	6.6	3 810	7.4	128	19.6	324	18.0
Cass	670	3.8	936	6.2	243	12.0	2 029	10.1	47	31.2	131	24.0
Cedar	809	3.0	1 494	4.5	360	8.8	3 714	10.9	71	23.6	579	21.4
Cerro Gordo	680	3.5	1 296	6.2	326	9.1	3 980	11.2	45	26.1	310	2.9
Cherokee	786	2.8	1 384	5.4	419	6.9	3 379	7.7	48	28.8	210	7.3
Chickasaw	786	3.7	1 496	3.9	384	8.8	2 915	8.6	62	26.3	382	7.0
Clarke	517	5.0	574	6.3	257	11.2	1 552	5.7	63	29.3	159	16.4
Clay	609	2.7	1 238	6.7	306	10.6	3 252	5.9	38	41.1	360	24.6
Clayton	1 385	2.2	3 101	3.8	624	6.7	5 379	10.1	112	22.7	310	25.9
Clinton	957	3.7	1 434	5.4	521	7.9	2 853	14.4	68	28.9	242	21.8
Crawford	904	3.6	1 615	6.1	383	9.2	3 333	7.5	55	26.7	148	36.9
Dallas	611	4.8	880	5.7	319	9.9	6 423	2.6	59	29.8	1 841	11.6
Davis	630	4.4	776	3.4	276	11.1	1 933	6.3	73	25.0	148	27.0
Decatur	483	5.7	524	7.5	166	15.2	1 237	8.2	78	24.0	131	23.2
Delaware	1 131	2.2	3 336	10.3	545	7.4	3 265	8.0	79	22.8	260	19.6
Des Moines	486	5.5	730	10.3	194	13.5	1 106	13.3	37	41.5	101	32.1
Dickinson	412	3.9	726	7.9	182	12.5	895	5.7	22	39.9	52	9.3
Dubuque	1 367	2.3	2 854	3.7	558	7.9	3 961	7.0	73	27.8	123	33.7
Emmet	450	3.7	822	4.4	189	10.8	1 809	3.0	41	33.1	79	41.3
Fayette	1 087	2.4	2 524	3.6	597	6.7	5 608	6.7	126	19.9	310	23.6
Floyd	712	3.7	1 380	4.6	404	8.5	5 438	5.3	63	22.5	332	13.7
Franklin	754	3.4	1 573	5.5	393	10.0	3 601	12.4	67	28.7	177	20.2
Fremont	448	4.6	704	7.3	268	10.6	3 601	6.0	55	27.3	140	30.6
Greene	598	4.4	940	6.1	314	10.4	2 666	7.4	59	28.8	219	22.4
Grundy	638	3.4	1 154	3.5	307	8.0	4 105	5.5	70	21.7	447	11.0
Guthrie	642	4.6	1 293	5.7	264	10.8	3 649	3.1	56	27.4	101	15.0
Hamilton	616	3.6	1 943	3.7	356	7.8	9 304	2.2	49	23.1	252	5.7
Hancock	758	2.8	1 539	3.9	409	7.9	3 523	5.8	60	28.4	140	25.1
Hardin	684	4.0	1 708	3.4	371	8.7	6 084	2.2	59	26.0	718	4.0
Harrison	760	3.4	1 219	5.2	254	12.0	3 254	7.2	23	26.7	118	2.6
Henry	611	4.7	687	6.8	215	14.8	1 591	4.5	90	28.3	303	10.3
Howard	735	3.4	1 132	4.1	346	10.0	2 649	7.9	35	37.0	105	10.9
Humboldt	555	2.6	734	7.0	288	10.1	2 423	16.5	55	26.8	148	26.7
Ida	503	4.8	1 092	6.1	244	11.3	2 021	17.1	32	40.7	252	3.5
Iowa	784	3.1	1 223	3.9	339	9.3	1 949	12.8	125	19.6	269	27.3
Jackson	953	3.5	1 479	4.6	353	10.1	1 507	10.9	89	25.4	82	24.3

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Farm production expenses[1]—Con.											
	Electricity				Hired farm labor				Contract labor			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Jasper	940	3.5	1 351	4.2	314	10.4	4 050	8.2	33	32.8	153	47.3
Jefferson	600	3.7	626	9.2	210	14.2	908	10.6	60	31.1	235	25.4
Johnson	957	3.4	1 245	5.8	434	8.6	2 073	9.4	101	21.6	339	20.9
Jones	875	2.3	1 604	3.8	309	8.6	3 428	7.0	73	23.6	368	30.6
Keokuk	777	3.4	1 317	5.4	225	14.0	2 354	5.6	45	39.4	97	29.0
Kossuth	1 238	2.1	2 479	5.5	677	6.0	4 413	6.5	110	20.7	692	15.0
Lee	676	3.5	1 034	6.7	280	10.6	2 677	9.1	53	37.6	217	36.5
Linn	1 079	3.8	1 380	7.2	385	9.7	3 000	8.3	115	20.9	172	19.3
Louisa	411	5.3	835	10.7	181	13.9	2 504	7.2	38	40.9	35	47.2
Lucas	483	5.5	392	5.1	146	16.8	420	12.5	49	31.9	122	23.2
Lyon	1 002	2.7	2 066	8.0	476	7.6	3 755	5.2	27	43.0	157	5.9
Madison	769	4.2	1 151	5.3	292	12.8	2 893	2.0	58	29.8	140	16.1
Mahaska	826	3.1	2 143	3.7	336	10.6	4 059	6.0	38	39.0	212	7.2
Marion	635	5.4	769	6.7	257	11.7	1 795	11.0	72	27.9	103	29.0
Marshall	754	3.5	1 074	4.8	324	9.7	3 747	4.2	54	29.5	224	9.0
Mills	406	4.2	631	11.5	160	16.7	720	17.9	19	44.2	46	39.2
Mitchell	615	5.0	1 590	3.9	331	10.0	5 783	7.0	74	25.6	619	29.5
Monona	600	3.7	945	7.4	245	12.3	2 243	10.1	73	22.7	236	18.3
Monroe	441	5.8	475	8.0	180	14.1	997	7.2	85	21.4	359	47.7
Montgomery	432	4.7	728	5.6	200	13.7	2 830	6.1	18	55.0	180	70.9
Muscatine	594	4.9	848	7.3	242	12.1	2 395	9.3	34	38.1	78	7.2
O'Brien	888	2.5	1 540	4.8	459	7.4	3 118	8.5	82	25.6	346	14.1
Osceola	573	2.8	1 051	3.2	178	13.1	3 141	7.9	61	26.5	372	5.2
Page	592	3.7	903	10.1	272	10.9	2 642	13.3	40	29.4	174	26.0
Palo Alto	713	2.7	1 453	5.1	358	8.4	4 150	4.6	29	30.8	304	4.7
Plymouth	1 273	2.6	2 315	4.1	546	7.6	4 772	5.4	138	19.1	630	22.1
Pocahontas	704	3.0	1 029	5.1	370	8.7	2 028	4.4	69	24.0	371	9.8
Polk	617	3.9	608	5.9	255	10.1	2 767	4.8	47	28.8	129	19.1
Pottawattamie	1 091	3.5	1 945	9.4	468	9.2	4 257	7.8	59	27.4	87	15.5
Poweshiek	702	4.0	1 194	4.3	290	11.6	3 944	4.6	48	28.0	748	4.4
Ringgold	460	4.9	761	3.8	127	16.2	2 053	1.1	105	21.5	102	32.1
Sac	701	3.8	1 581	5.5	466	7.2	6 157	4.2	22	36.7	195	43.6
Scott	667	3.7	1 066	5.5	203	14.2	2 525	12.6	68	31.9	161	30.9
Shelby	827	2.7	1 682	5.9	357	10.3	2 193	12.5	45	26.6	114	9.6
Sioux	1 553	1.9	4 043	2.4	893	4.6	11 940	4.5	193	15.7	785	20.2
Story	727	3.9	1 231	4.8	339	9.5	4 249	5.9	57	23.3	168	20.3
Tama	950	3.2	1 344	4.7	297	10.3	3 548	15.9	71	29.2	189	39.5
Taylor	562	4.7	624	5.5	199	13.8	1 685	18.6	56	30.9	237	6.4
Union	417	6.7	417	8.0	155	17.9	762	8.2	46	35.2	83	28.3
Van Buren	592	4.7	529	6.0	231	13.7	1 884	45.5	32	41.2	39	49.5
Wapello	559	5.4	493	13.3	171	15.0	1 235	20.3	52	28.7	78	14.6
Warren	865	4.6	932	4.8	348	10.8	1 555	2.9	110	20.4	190	36.8
Washington	912	2.8	1 608	4.3	371	9.8	4 919	6.8	43	33.1	618	29.1
Wayne	509	5.6	453	7.7	195	15.8	679	21.1	51	30.6	124	33.2
Webster	779	3.3	1 193	5.8	312	9.8	4 673	7.0	46	29.0	477	33.1
Winnebago	515	3.5	1 099	16.5	249	9.8	1 345	9.5	37	28.8	193	9.4
Winneshiek	1 145	3.1	2 417	5.0	570	7.0	3 477	7.2	105	21.7	309	31.8
Woodbury	1 092	3.2	1 697	5.6	517	7.4	4 092	7.8	104	19.1	325	18.8
Worth	492	4.2	803	6.7	208	11.5	1 335	12.9	54	34.3	127	42.1
Wright	586	3.8	1 547	4.1	294	10.1	9 483	3.2	41	36.7	154	5.7

Geographic area	Farm production expenses[1]—Con.											
	Repair and maintenance				Customwork, machine hire, and rental of machinery and equipment				Interest			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Iowa	**78 128**	**.7**	**504 525**	**.8**	**43 788**	**1.0**	**168 101**	**1.6**	**55 257**	**.8**	**600 284**	**.9**
Adair	667	3.5	3 831	8.2	388	9.5	1 151	14.8	464	7.2	4 468	8.3
Adams	456	4.1	3 115	11.4	218	13.7	688	16.9	286	11.2	2 500	12.8
Allamakee	870	2.5	5 209	8.3	488	7.6	1 569	10.8	605	5.8	5 063	11.5
Appanoose	632	4.4	2 854	18.0	260	12.3	310	14.9	344	9.9	1 739	14.7
Audubon	570	3.4	4 675	5.1	356	7.8	1 345	17.0	449	6.0	5 924	8.1
Benton	1 014	3.2	7 252	4.6	499	8.0	3 075	18.7	768	4.9	8 910	6.7
Black Hawk	908	2.0	5 474	6.0	508	6.6	1 721	11.2	610	5.3	6 053	7.5
Boone	799	2.3	5 093	6.1	377	9.0	1 716	16.3	480	6.6	4 286	7.5
Bremer	900	1.9	4 795	6.1	561	6.5	1 412	13.0	636	5.1	5 611	6.0
Buchanan	1 021	2.1	6 247	4.2	567	6.6	1 899	11.8	724	5.1	7 381	6.7
Buena Vista	793	2.7	7 149	7.5	488	6.7	1 528	10.7	561	5.9	6 972	5.7
Butler	892	2.7	4 770	5.5	485	7.6	1 482	10.2	671	4.9	6 749	7.3
Calhoun	677	3.9	5 534	8.8	418	8.7	2 523	15.7	580	5.4	6 906	7.6
Carroll	998	2.6	8 050	3.9	579	6.5	1 834	8.3	788	4.3	9 814	7.4
Cass	723	3.0	4 313	6.3	457	7.8	1 796	21.2	527	6.1	5 449	6.7
Cedar	767	3.5	5 603	6.3	466	7.4	2 400	20.4	576	5.5	6 840	7.5
Cerro Gordo	709	2.9	4 932	4.8	312	9.5	1 980	17.2	503	5.8	4 903	7.3
Cherokee	804	2.4	6 003	5.9	400	9.1	1 968	13.0	610	5.3	7 220	6.4
Chickasaw	792	3.0	5 032	6.0	451	7.5	1 762	9.5	576	6.0	5 914	5.4

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Farm production expenses[1]—Con.											
	Repair and maintenance				Customwork, machine hire, and rental of machinery and equipment				Interest			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Clarke	559	3.9	1 963	7.2	276	9.9	2 287	5.8	395	7.4	2 751	8.7
Clay	630	2.5	4 805	6.9	335	8.6	1 629	8.0	447	6.7	5 476	9.5
Clayton	1 348	2.5	8 765	4.9	939	4.8	2 723	9.7	1 081	3.7	10 840	5.6
Clinton	1 113	2.2	6 457	5.6	590	7.0	2 425	21.5	789	4.9	8 268	8.4
Crawford	968	2.8	6 810	6.8	559	7.4	2 147	19.9	672	5.8	7 906	7.0
Dallas	740	3.5	5 268	8.2	357	9.1	1 571	16.1	494	6.6	4 509	7.8
Davis	786	2.7	3 406	12.9	390	8.9	623	16.3	530	6.1	2 824	9.7
Decatur	595	3.8	2 313	7.7	278	10.2	586	15.0	337	8.7	2 815	8.0
Delaware	1 138	1.9	9 314	5.2	688	6.0	2 344	10.7	872	4.4	11 354	6.6
Des Moines	530	4.8	3 145	10.0	333	9.9	993	17.0	332	7.8	3 583	13.0
Dickinson	448	2.3	3 326	6.2	249	9.5	1 378	14.4	301	6.9	3 541	9.1
Dubuque	1 385	2.3	9 438	4.3	921	4.8	2 893	16.8	970	4.6	9 876	6.5
Emmet	460	3.3	3 559	6.4	251	9.6	848	16.7	328	7.2	3 761	7.2
Fayette	1 092	2.7	8 910	4.5	679	6.4	2 027	6.3	871	4.4	9 670	6.3
Floyd	749	3.1	5 429	5.7	496	6.2	2 871	9.8	619	5.1	6 585	6.8
Franklin	755	3.3	5 763	6.5	481	7.3	2 612	20.0	572	5.3	6 986	7.4
Fremont	507	3.4	3 639	6.0	338	7.3	1 620	14.1	328	7.6	4 851	8.3
Greene	666	2.8	4 857	5.7	466	7.0	1 671	13.1	535	5.4	6 421	7.4
Grundy	656	3.0	5 028	5.0	440	6.7	2 542	11.3	468	5.7	7 115	5.3
Guthrie	684	3.5	4 787	7.0	390	8.2	1 004	12.0	522	5.3	6 357	10.4
Hamilton	708	2.5	6 091	4.1	358	8.8	1 626	12.3	559	4.6	9 764	5.1
Hancock	758	2.9	5 787	5.4	430	7.5	1 373	11.6	584	5.3	6 693	6.7
Hardin	766	2.4	5 373	5.2	479	7.2	2 591	7.7	565	5.7	8 482	5.5
Harrison	778	3.3	5 183	5.4	355	9.7	2 113	15.5	492	7.4	6 095	6.5
Henry	723	3.2	4 023	6.3	369	8.8	1 575	25.6	394	9.3	4 668	11.8
Howard	774	3.1	4 976	6.0	389	9.6	1 450	11.6	491	7.5	5 089	8.7
Humboldt	566	2.3	4 260	5.6	255	11.1	700	16.2	431	6.2	4 490	8.4
Ida	514	4.2	3 749	4.6	329	8.0	1 116	12.8	375	8.1	4 127	6.7
Iowa	832	3.0	5 067	5.2	523	6.6	1 530	10.6	622	5.4	6 490	7.3
Jackson	1 093	3.0	4 657	6.0	576	7.1	1 641	12.1	801	5.4	6 033	6.8
Jasper	1 057	2.5	6 237	6.0	509	8.0	2 043	14.3	694	5.5	7 099	8.1
Jefferson	593	4.6	2 818	9.9	267	11.8	675	14.3	379	8.7	2 928	10.2
Johnson	1 094	2.5	4 695	5.2	630	5.9	1 749	10.3	741	5.5	5 127	7.3
Jones	887	2.5	5 873	6.1	548	6.3	1 702	10.6	612	5.8	7 513	8.9
Keokuk	777	3.6	4 944	7.6	369	10.0	1 329	21.0	612	5.8	5 959	10.7
Kossuth	1 308	1.8	10 804	4.5	664	6.6	3 030	16.1	1 038	3.9	12 050	5.9
Lee	744	3.2	4 887	7.8	360	9.5	993	19.9	381	10.0	3 580	11.6
Linn	1 176	3.1	5 455	4.9	668	6.5	1 871	12.8	729	5.8	7 116	8.2
Louisa	504	3.2	3 092	8.4	216	12.3	1 159	18.6	353	8.0	4 428	9.9
Lucas	568	4.3	1 888	9.4	214	13.2	421	16.7	330	9.4	2 318	12.2
Lyon	1 069	2.2	7 351	5.3	576	6.9	2 056	11.2	824	4.0	9 859	6.3
Madison	813	3.9	4 110	7.5	447	8.8	1 281	23.7	507	7.1	4 620	12.0
Mahaska	785	4.1	6 237	4.8	494	7.8	1 524	11.4	673	5.2	7 457	8.5
Marion	824	3.7	3 600	4.9	455	8.0	1 344	9.9	528	7.0	4 509	8.8
Marshall	727	3.7	4 772	5.6	519	6.9	2 722	14.0	534	6.5	5 089	6.5
Mills	423	4.1	2 781	7.7	243	11.4	931	16.3	279	10.5	3 218	13.3
Mitchell	668	4.8	5 322	4.9	396	8.8	1 443	12.9	573	5.4	8 591	5.4
Monona	567	4.9	4 060	6.3	366	8.5	1 917	11.0	395	7.6	4 100	6.5
Monroe	574	4.2	2 253	8.3	338	8.7	1 794	7.3	415	6.4	2 982	9.2
Montgomery	455	3.8	3 415	9.9	258	11.6	1 204	10.7	363	8.3	3 743	12.0
Muscatine	670	2.9	3 799	7.0	325	10.9	639	15.5	469	6.2	4 448	7.6
O'Brien	896	2.6	6 096	5.4	614	6.1	2 113	6.9	753	4.0	8 452	6.5
Osceola	568	3.4	4 054	6.6	362	7.8	1 179	13.4	432	6.0	5 917	5.9
Page	680	3.6	3 854	7.7	481	6.0	2 484	12.1	458	6.0	3 902	11.1
Palo Alto	711	2.8	5 242	5.8	401	8.2	2 436	19.2	475	6.0	7 962	7.7
Plymouth	1 318	2.5	9 792	4.5	756	5.9	2 861	7.0	886	4.9	10 264	5.6
Pocahontas	714	2.3	5 989	6.3	367	8.7	1 390	15.8	535	5.4	5 816	8.6
Polk	622	4.1	3 148	6.7	309	9.7	1 127	19.5	372	8.5	2 494	8.2
Pottawattamie	1 233	2.0	8 285	5.5	730	5.6	2 329	8.4	840	4.4	9 971	7.3
Poweshiek	790	3.4	6 055	7.7	335	9.4	1 123	11.8	488	7.1	5 982	8.8
Ringgold	549	4.0	2 523	5.5	253	11.7	1 276	8.0	396	8.1	3 930	6.4
Sac	719	3.3	6 025	5.1	434	8.5	2 036	14.7	573	5.6	9 537	5.0
Scott	683	4.1	4 510	5.4	357	9.4	1 157	16.0	443	8.2	5 162	8.9
Shelby	849	2.1	5 068	6.4	498	7.6	1 679	9.8	584	5.7	5 832	10.1
Sioux	1 591	1.8	13 496	3.8	1 024	4.7	4 831	3.7	1 233	3.6	17 879	3.4
Story	797	3.1	5 553	6.4	556	6.1	3 102	12.9	528	5.9	5 882	9.0
Tama	958	3.2	5 522	4.9	524	7.0	2 984	11.1	605	5.7	7 904	7.0
Taylor	646	3.6	2 216	7.7	354	9.3	997	10.6	418	8.0	3 492	11.0
Union	535	4.9	1 901	8.3	257	10.7	935	17.6	388	8.0	3 066	12.0
Van Buren	661	3.5	2 364	8.8	351	8.9	637	11.9	498	6.4	3 824	9.9
Wapello	666	3.4	2 320	9.5	255	13.4	739	32.0	314	11.1	2 572	13.5
Warren	922	3.5	3 889	6.1	417	9.9	1 278	15.3	541	7.7	3 341	9.6
Washington	946	2.7	6 414	5.3	502	7.8	2 064	12.2	597	6.5	6 658	8.5
Wayne	600	4.1	1 930	7.0	423	7.8	1 131	11.7	400	7.0	2 219	13.2
Webster	829	2.7	6 634	5.2	438	7.9	2 261	17.3	613	5.1	6 479	6.8
Winnebago	531	3.1	3 577	5.6	241	10.3	638	13.1	413	5.8	4 357	6.9
Winneshiek	1 305	2.0	7 825	4.8	765	5.4	2 149	7.7	881	4.6	7 675	6.9
Woodbury	1 086	3.1	6 931	4.6	602	6.6	2 477	7.0	707	5.6	7 091	6.8
Worth	521	3.9	2 960	4.8	211	12.6	569	8.6	403	6.4	4 274	10.6
Wright	606	2.4	5 886	6.3	312	9.2	1 620	11.0	519	5.0	11 493	3.7

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Farm production expenses[1]—Con.											
	Cash rent				Property taxes paid				All other farm production expenses			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Iowa	**36 892**	**1.0**	**866 955**	**1.0**	**79 236**	**.7**	**242 120**	**.9**	**85 922**	**.6**	**710 824**	**.7**
Adair	261	11.1	3 711	9.8	746	2.1	2 424	6.5	765	1.6	5 988	7.7
Adams	161	14.3	2 201	12.0	528	3.6	1 754	8.4	506	3.2	2 801	6.0
Allamakee	319	10.5	2 885	8.7	888	2.2	2 564	6.0	912	1.9	6 310	5.9
Appanoose	125	18.6	1 172	21.3	748	2.5	1 402	6.4	724	2.8	2 193	7.2
Audubon	293	7.9	9 392	6.1	588	3.0	2 140	8.3	615	2.1	6 616	8.0
Benton	568	6.3	15 290	6.8	1 051	2.9	3 422	5.8	1 119	2.2	9 732	5.2
Black Hawk	448	6.8	12 041	6.2	930	2.0	3 054	5.9	967	1.2	7 134	5.5
Boone	370	7.9	9 812	8.3	746	3.3	2 278	9.1	824	1.9	7 005	7.4
Bremer	429	7.6	9 487	6.6	874	2.8	2 372	7.3	932	1.7	5 651	9.5
Buchanan	521	6.8	12 124	5.9	956	3.1	3 350	7.6	1 068	1.9	8 506	4.6
Buena Vista	441	7.5	10 924	8.1	667	4.6	2 319	8.5	842	1.0	8 602	3.5
Butler	483	6.8	12 731	7.4	917	3.1	2 754	6.6	1 027	1.6	7 009	4.7
Calhoun	324	9.5	7 954	11.1	689	3.5	2 089	8.6	766	1.9	7 737	5.6
Carroll	513	7.1	13 234	7.8	921	3.4	3 054	11.3	1 082	1.3	10 793	5.0
Cass	397	7.8	8 033	12.1	708	3.1	2 292	6.2	755	2.3	5 702	7.3
Cedar	426	7.6	11 026	7.3	790	3.8	3 301	6.9	930	1.3	7 859	5.8
Cerro Gordo	435	5.8	14 552	6.7	653	4.1	2 412	12.3	775	1.9	7 994	3.1
Cherokee	502	6.6	10 892	7.5	752	3.6	2 504	7.1	837	1.7	8 959	6.4
Chickasaw	420	7.4	9 661	6.6	834	3.1	2 356	6.9	872	1.5	7 614	6.6
Clarke	179	14.2	1 131	14.8	636	2.5	1 865	9.4	640	2.2	3 783	4.1
Clay	347	8.8	9 343	11.4	568	4.5	1 830	6.6	655	1.4	7 319	6.4
Clayton	546	6.7	7 383	7.4	1 489	2.0	4 537	4.5	1 548	1.4	13 500	4.2
Clinton	576	6.4	17 203	7.2	1 086	3.1	3 086	6.7	1 230	1.3	7 514	5.2
Crawford	460	8.6	11 917	7.1	960	3.2	3 205	6.7	1 069	1.8	7 739	5.9
Dallas	346	8.5	7 279	9.7	789	2.9	2 717	7.4	817	2.2	7 024	5.1
Davis	164	13.6	1 691	12.4	836	2.0	1 881	5.8	827	2.0	4 559	3.8
Decatur	183	12.5	1 518	20.2	686	2.0	1 464	5.7	666	2.4	4 426	4.4
Delaware	452	8.6	9 490	8.6	1 094	2.9	3 766	5.4	1 246	.8	13 089	4.2
Des Moines	222	12.7	5 587	17.2	593	3.5	1 639	14.1	609	2.9	4 349	15.9
Dickinson	252	8.2	5 502	9.9	437	4.2	1 242	8.2	475	2.9	4 779	11.8
Dubuque	525	8.1	8 063	10.5	1 356	2.7	3 961	4.4	1 492	1.7	12 449	3.8
Emmet	258	8.5	5 884	9.8	451	3.8	1 673	17.7	503	.8	4 327	3.8
Fayette	563	6.6	12 520	9.0	1 071	3.2	3 520	4.9	1 249	1.5	9 129	4.8
Floyd	417	6.5	13 356	7.1	759	2.9	2 376	7.3	809	2.0	7 394	3.7
Franklin	478	7.1	13 699	8.1	753	3.5	2 831	7.2	850	1.2	8 019	7.7
Fremont	174	13.7	3 271	10.9	495	3.6	1 695	8.1	551	1.8	4 966	5.6
Greene	314	9.8	7 359	9.9	629	4.2	2 382	8.3	729	1.8	7 264	5.0
Grundy	474	5.8	18 367	5.5	582	4.5	2 211	8.0	714	2.1	7 223	3.5
Guthrie	286	10.4	4 453	13.1	792	2.2	2 461	7.5	790	2.1	7 917	4.0
Hamilton	390	7.5	13 832	6.6	645	3.8	2 131	6.6	764	1.3	10 512	3.6
Hancock	442	6.6	14 258	5.7	675	4.4	1 837	8.0	813	1.8	8 854	4.8
Hardin	447	6.7	18 378	4.4	704	4.0	2 239	8.2	831	1.4	11 397	3.1
Harrison	332	9.5	7 902	10.5	797	2.8	2 861	5.9	851	1.5	6 184	7.7
Henry	311	10.7	6 561	13.1	707	4.1	2 240	11.0	750	2.2	4 698	8.9
Howard	364	9.0	6 899	7.7	800	2.7	2 460	7.3	833	1.7	5 811	5.6
Humboldt	279	10.1	9 280	9.9	523	4.2	1 557	7.7	577	1.8	5 011	6.4
Ida	303	9.5	8 853	9.1	569	3.4	1 740	11.3	589	2.9	5 066	6.0
Iowa	368	7.4	6 380	8.5	880	2.4	2 429	4.8	921	1.9	6 442	3.5
Jackson	295	11.1	4 786	11.9	1 142	2.6	3 058	5.3	1 222	1.7	6 318	5.6
Jasper	423	8.1	10 568	7.4	1 013	3.2	3 387	5.3	1 130	1.7	8 547	4.4
Jefferson	214	12.6	3 578	19.5	703	2.1	1 751	9.8	696	2.6	3 199	6.0
Johnson	438	7.6	6 754	8.6	1 067	3.0	2 824	5.1	1 158	2.1	5 633	4.2
Jones	453	6.3	10 231	7.5	914	2.8	3 031	5.3	985	1.5	7 870	6.0
Keokuk	334	10.8	5 354	14.1	878	2.8	3 615	6.4	913	1.9	6 555	4.4
Kossuth	823	4.7	21 857	5.2	1 142	3.1	3 305	5.5	1 366	1.1	14 356	6.0
Lee	181	14.5	3 540	7.8	812	2.3	2 147	9.1	781	2.7	4 832	6.0
Linn	445	8.2	9 385	7.8	1 298	2.5	3 364	5.9	1 385	1.8	6 775	5.2
Louisa	212	11.9	6 163	12.5	548	3.3	1 895	8.0	521	2.7	5 283	4.7
Lucas	179	12.9	1 312	31.5	670	2.1	1 910	7.1	632	3.1	2 597	10.6
Lyon	596	6.3	11 885	5.5	974	3.2	2 327	7.3	1 129	1.1	11 046	4.7
Madison	349	10.1	2 825	11.0	929	2.1	2 298	7.1	916	2.0	6 145	5.5
Mahaska	331	10.1	6 461	12.3	889	3.2	3 217	6.7	979	1.7	7 762	3.6
Marion	300	10.4	4 481	9.5	876	2.4	2 214	5.8	907	2.5	4 826	6.0
Marshall	339	7.8	11 346	7.3	792	3.2	2 358	6.4	890	1.5	8 810	6.2
Mills	189	14.5	3 710	18.2	456	3.6	1 680	12.2	468	2.0	4 027	10.7
Mitchell	416	8.0	11 467	7.1	671	5.0	2 043	11.3	764	2.5	10 939	4.0
Monona	247	11.7	7 122	8.4	526	5.9	1 816	9.0	665	2.8	5 010	4.8
Monroe	164	15.7	1 405	14.6	663	2.0	1 417	5.7	659	2.4	2 963	5.0
Montgomery	173	14.8	3 746	15.2	506	4.4	2 180	8.6	512	2.7	4 958	6.7
Muscatine	359	7.7	8 208	8.3	625	4.2	1 903	8.4	717	2.6	4 825	6.4
O'Brien	596	5.5	14 112	7.1	774	3.4	1 977	8.3	977	.7	9 790	4.2
Osceola	400	6.3	9 854	7.2	522	4.5	1 398	9.2	623	1.4	7 699	3.2
Page	212	10.5	2 819	12.5	777	2.2	2 285	6.6	771	1.9	4 918	8.4
Palo Alto	361	8.4	8 262	10.7	643	3.9	2 507	8.4	771	1.5	8 078	4.8
Plymouth	719	5.6	17 812	4.7	1 338	2.2	3 605	6.9	1 421	1.4	12 304	3.9
Pocahontas	400	7.1	9 008	8.2	634	4.1	1 778	7.3	769	1.3	6 688	7.4
Polk	271	8.8	6 202	10.1	691	3.5	2 079	6.1	718	2.3	4 241	7.4
Pottawattamie	670	5.4	17 216	5.5	1 079	3.5	4 108	6.4	1 280	1.6	9 503	4.5
Poweshiek	376	8.4	8 399	9.1	803	3.3	2 224	5.7	873	2.2	6 602	7.0

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Farm production expenses[1]—Con.											
	Cash rent				Property taxes paid				All other farm production expenses			
	Farms		Value		Farms		Value		Farms		Value	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Ringgold	167	13.7	1 959	11.9	649	2.0	1 601	6.1	593	3.3	4 293	5.0
Sac	468	7.6	15 268	8.0	675	4.3	2 202	8.7	794	1.2	11 100	3.8
Scott	393	8.4	13 951	7.6	660	4.7	2 236	8.0	748	2.3	5 541	6.1
Shelby	516	6.5	10 763	9.6	766	3.9	2 666	7.5	902	1.5	8 005	6.7
Sioux	1 029	4.3	23 250	4.2	1 527	2.2	3 732	4.0	1 727	.9	24 976	2.3
Story	470	6.8	8 687	8.2	788	3.4	2 918	8.9	902	1.6	7 409	6.8
Tama	490	7.0	13 035	7.1	984	3.0	3 015	8.1	1 083	2.2	9 011	5.4
Taylor	195	14.7	3 149	15.4	710	2.1	1 743	7.9	671	3.1	3 324	6.0
Union	231	10.8	2 166	16.7	642	2.0	1 421	7.0	642	2.7	2 786	8.3
Van Buren	210	12.2	1 591	17.2	774	1.8	1 861	7.5	745	2.6	3 101	14.4
Wapello	149	15.8	3 892	16.6	757	1.8	1 749	6.7	731	2.5	2 677	6.9
Warren	263	12.8	3 378	12.2	1 092	2.7	2 592	6.3	1 082	2.1	4 372	5.1
Washington	361	9.7	7 616	9.9	980	2.1	3 352	7.0	969	2.4	10 323	4.5
Wayne	200	15.0	1 539	21.9	697	2.4	1 764	7.7	685	2.3	2 703	7.3
Webster	447	6.7	10 259	7.6	737	4.0	2 721	9.0	935	.7	14 524	3.3
Winnebago	278	7.6	10 528	6.6	507	3.8	1 840	8.9	560	2.5	4 628	8.3
Winneshiek	464	8.1	5 936	6.4	1 317	2.1	3 517	4.7	1 353	1.6	9 542	5.1
Woodbury	498	7.2	13 577	6.7	1 128	2.7	3 483	6.0	1 222	2.0	8 962	4.9
Worth	327	8.7	9 660	8.3	561	2.9	1 947	8.8	573	2.3	4 595	6.5
Wright	383	7.7	22 396	5.7	582	4.4	2 383	8.8	691	1.8	10 904	2.6

Geographic area	Net cash return from agricultural sales for the farm unit (see text)[1]				Total cropland				Harvested cropland			
	Farms		Value		Farms		Acres		Farms		Acres	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Iowa	**90 786**	**.6**	**2 969 179**	**.8**	**83 375**	**.6**	**26 821 844**	**.5**	**74 951**	**.6**	**23 323 249**	**.5**
Adair	791	.7	18 149	8.8	737	.7	283 563	.9	653	.8	214 279	1.0
Adams	573	1.0	11 760	11.8	529	.8	184 649	1.1	444	.9	125 377	1.2
Allamakee	959	.7	19 050	12.6	846	.7	179 795	1.0	712	.8	135 640	1.1
Appanoose	797	.9	6 166	18.1	737	.8	175 532	1.4	623	.9	98 611	1.5
Audubon	649	.8	19 185	9.2	607	.7	248 005	.8	543	.8	217 639	.9
Benton	1 209	.6	39 739	6.2	1 118	.6	375 729	.7	1 024	.6	341 149	.7
Black Hawk	1 001	.7	26 399	7.0	918	.6	263 418	.8	873	.6	252 852	.8
Boone	863	.6	33 282	5.3	790	.5	297 488	.7	756	.6	283 902	.7
Bremer	981	.7	23 996	7.1	887	.6	210 534	.9	822	.7	200 037	.9
Buchanan	1 135	.6	31 748	8.4	1 030	.6	303 756	.7	971	.6	285 548	.7
Buena Vista	866	.7	57 494	3.2	790	.5	326 418	.6	765	.6	315 405	.6
Butler	1 085	.6	33 186	5.6	1 005	.5	294 649	.7	906	.6	270 635	.7
Calhoun	792	.8	43 026	6.5	753	.7	317 038	.8	734	.7	306 400	.9
Carroll	1 102	.6	54 550	4.6	999	.6	323 889	.7	967	.6	302 918	.7
Cass	804	.7	19 289	8.8	739	.7	287 811	.9	677	.7	237 766	.9
Cedar	964	.7	26 724	7.0	881	.6	292 201	.8	812	.6	264 890	.8
Cerro Gordo	822	.8	28 853	5.4	769	.7	281 536	.8	694	.7	264 004	.8
Cherokee	889	.7	33 240	4.9	807	.6	286 850	.7	777	.6	265 149	.8
Chickasaw	927	.7	27 440	5.5	862	.7	242 737	.9	789	.8	223 329	.9
Clarke	678	.9	2 988	33.6	604	.8	151 334	1.6	505	1.0	81 284	1.6
Clay	668	.7	36 444	6.6	615	.6	262 903	.8	579	.7	244 994	.8
Clayton	1 639	.6	37 723	5.8	1 522	.6	337 115	.8	1 296	.7	273 022	.8
Clinton	1 266	.6	30 499	9.0	1 161	.6	325 354	.8	1 042	.7	290 935	.8
Crawford	1 108	.9	28 362	6.9	1 003	.8	374 638	.9	910	.9	325 709	.9
Dallas	917	.6	41 496	5.5	841	.5	287 666	.7	754	.6	263 751	.7
Davis	883	.8	13 080	8.4	813	.7	188 883	1.2	690	.9	110 732	1.4
Decatur	732	.6	13 733	8.5	662	.6	170 796	1.1	519	.8	88 999	1.2
Delaware	1 279	.7	46 861	6.3	1 194	.5	286 992	.6	1 114	.6	259 875	.6
Des Moines	652	.7	18 434	8.0	614	.6	155 783	1.1	556	.7	140 564	1.2
Dickinson	512	.8	14 708	11.3	469	.7	180 906	.9	424	.8	166 247	1.0
Dubuque	1 578	.8	38 006	7.8	1 435	.8	257 739	.8	1 273	.8	213 151	.8
Emmet	519	.8	30 576	5.4	480	.6	205 431	.8	425	.7	187 912	.8
Fayette	1 295	.7	45 815	5.5	1 192	.6	343 679	.7	1 085	.7	317 357	.7
Floyd	852	.6	25 493	6.7	785	.6	274 299	.7	724	.6	257 712	.8
Franklin	859	.7	37 585	6.1	799	.6	316 140	.8	751	.7	299 931	.8
Fremont	567	.8	30 063	5.9	549	.6	268 447	.8	495	.7	233 070	.8
Greene	763	.8	37 015	5.2	710	.7	316 526	.8	679	.7	297 213	.8
Grundy	753	.7	38 895	4.2	704	.5	298 946	.6	678	.5	289 061	.6
Guthrie	846	.8	20 789	9.4	755	.8	241 702	1.0	656	.9	194 659	1.1
Hamilton	789	.6	57 891	3.1	737	.4	329 567	.5	705	.5	317 421	.5
Hancock	849	.6	34 953	6.1	785	.5	315 295	.7	748	.6	304 229	.7
Hardin	856	.7	43 787	5.2	779	.6	314 144	.7	742	.7	299 363	.7
Harrison	876	.9	33 554	8.1	828	.8	342 113	.9	746	.9	302 447	.9
Henry	836	.7	20 744	14.5	774	.6	200 902	1.0	653	.7	166 383	1.0
Howard	863	.7	23 063	8.0	788	.7	241 042	.8	708	.8	216 902	.8
Humboldt	600	.8	32 250	6.2	559	.7	245 417	.8	547	.7	239 060	.8
Ida	636	1.1	23 288	7.3	571	1.1	231 131	1.2	537	1.1	205 956	1.2
Iowa	976	.7	27 166	4.9	905	.6	271 861	.8	742	.8	213 273	.9
Jackson	1 280	.7	15 065	20.1	1 157	.7	233 629	1.0	957	.8	166 492	1.0

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Net cash return from agricultural sales for the farm unit (see text)[1]				Total cropland				Harvested cropland			
	Farms		Value		Farms		Acres		Farms		Acres	
	Number	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Jasper	1 204	.8	46 348	4.6	1 108	.7	365 523	.8	996	.8	318 965	.9
Jefferson	764	.8	14 273	10.5	706	.8	178 100	1.2	565	1.0	139 078	1.4
Johnson	1 261	.7	23 717	8.5	1 183	.6	249 275	.9	1 009	.7	202 934	1.0
Jones	1 028	.6	27 668	7.2	953	.5	267 164	.8	841	.6	233 100	.8
Keokuk	969	.9	22 957	10.7	883	.8	263 316	1.1	715	.9	193 893	1.1
Kossuth	1 405	.7	68 295	4.0	1 325	.5	547 880	.6	1 278	.6	528 869	.6
Lee	863	.7	19 440	10.6	773	.7	189 658	1.2	672	.8	156 755	1.2
Linn	1 480	.7	29 047	6.7	1 342	.6	291 876	.8	1 167	.6	257 566	.8
Louisa	592	.8	23 103	5.8	544	.7	168 229	1.1	474	.8	146 959	1.1
Lucas	706	.9	5 047	16.6	634	.8	156 678	1.5	513	1.0	76 807	1.7
Lyon	1 149	.8	50 676	4.4	1 014	.9	315 326	1.0	961	1.0	293 762	1.0
Madison	987	.8	18 140	11.6	912	.8	228 786	1.2	793	.9	163 603	1.2
Mahaska	1 022	.7	39 603	4.6	933	.7	273 633	.8	807	.8	230 111	.9
Marion	971	.8	19 143	7.0	887	.7	218 837	1.0	733	.8	171 369	1.1
Marshall	914	.7	28 952	5.6	831	.6	289 823	.8	736	.7	260 604	.9
Mills	495	.8	20 357	11.3	470	.8	204 717	1.1	430	.9	181 401	1.2
Mitchell	827	.7	30 966	9.2	737	.7	242 726	.8	700	.7	230 307	.8
Monona	698	.8	26 195	7.8	659	.7	316 827	.8	589	.8	276 942	.9
Monroe	691	1.0	6 944	21.2	644	1.0	150 876	1.7	578	1.1	83 216	1.8
Montgomery	576	.8	26 951	7.8	535	.6	209 389	.9	471	.8	171 618	.9
Muscatine	782	.9	13 171	13.8	715	.7	189 869	1.1	625	.8	169 909	1.1
O'Brien	977	.7	48 210	6.1	891	.7	330 094	.8	879	.7	314 232	.8
Osceola	649	.8	38 731	5.6	590	.8	222 296	1.0	573	.8	214 077	1.0
Page	844	.7	23 845	6.3	778	.6	259 981	.9	674	.7	204 034	1.0
Palo Alto	787	.7	48 756	4.2	732	.6	305 714	.8	698	.7	289 010	.8
Plymouth	1 489	.7	51 136	4.7	1 348	.7	456 116	.7	1 235	.7	410 249	.7
Pocahontas	777	.8	48 444	4.6	753	.7	338 984	.8	738	.7	330 852	.8
Polk	802	.8	24 745	6.8	725	.7	200 801	1.0	643	.8	184 859	1.0
Pottawattamie	1 326	.7	49 418	5.7	1 222	.7	482 787	.8	1 129	.7	436 604	.8
Poweshiek	933	.8	32 851	6.6	861	.7	292 572	.9	709	.8	230 161	.9
Ringgold	671	1.0	6 155	16.9	628	.8	210 245	1.3	505	1.0	114 558	1.3
Sac	812	.8	46 651	4.8	741	.7	312 041	.7	713	.7	298 271	.7
Scott	798	.9	23 391	9.2	751	.7	205 650	.9	703	.8	194 545	.9
Shelby	920	.8	33 497	6.6	852	.7	314 868	.9	809	.8	287 342	.9
Sioux	1 751	.6	115 294	3.8	1 509	.6	452 956	.7	1 432	.7	432 087	.7
Story	947	.7	46 357	5.7	871	.6	316 839	.8	837	.7	304 609	.8
Tama	1 153	.7	25 410	6.6	1 066	.7	347 809	.8	940	.7	300 427	.9
Taylor	745	1.1	15 411	8.3	696	.9	228 964	1.1	556	1.0	147 591	1.2
Union	672	.9	5 916	22.6	617	.9	168 866	1.6	506	1.1	106 685	1.7
Van Buren	805	1.0	7 163	22.2	740	.9	171 564	1.4	622	1.0	114 335	1.6
Wapello	779	.8	10 823	11.3	727	.7	159 991	1.2	606	.9	118 662	1.3
Warren	1 215	.7	16 990	9.1	1 092	.7	219 996	1.1	953	.8	165 153	1.2
Washington	1 062	.9	44 860	6.3	952	.7	273 784	.9	851	.8	234 397	.9
Wayne	729	.7	6 886	17.5	685	.6	218 755	.9	576	.7	129 229	1.0
Webster	936	.7	53 525	5.0	884	.6	385 884	.6	849	.6	374 565	.6
Winnebago	606	.7	21 567	9.6	562	.6	226 547	.8	510	.7	214 360	.8
Winneshiek	1 450	.8	27 765	8.4	1 320	.7	286 614	.9	1 116	.8	230 401	.9
Woodbury	1 308	.8	33 362	7.4	1 181	.9	427 501	.9	1 015	.9	365 559	.9
Worth	607	.7	17 346	10.6	555	.6	209 352	.9	498	.7	196 909	.9
Wright	716	.6	30 082	7.9	664	.5	329 787	.6	641	.5	318 484	.6

Geographic area	Irrigated land				Livestock and poultry							
					Cattle and calves inventory				Beef cows inventory			
	Farms		Acres		Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Iowa	**957**	**1.0**	**124 983**	**1.1**	**38 435**	**.6**	**3 647 129**	**.5**	**27 452**	**.6**	**1 029 172**	**.6**
Adair	3	15.2	(D)	(D)	507	1.0	53 168	1.3	456	1.1	23 167	1.4
Adams	1	32.5	(D)	(D)	359	1.2	39 603	1.3	326	1.3	16 364	1.5
Allamakee	4	13.5	(D)	(D)	642	.9	68 945	1.1	382	1.3	16 971	1.7
Appanoose	2	15.0	(D)	(D)	537	1.0	42 971	1.6	502	1.1	23 488	1.6
Audubon	–	–	–	–	276	1.4	32 920	1.2	206	1.7	8 875	2.0
Benton	11	8.8	399	18.0	514	1.1	40 399	1.0	380	1.3	10 749	1.5
Black Hawk	23	5.2	1 000	10.8	267	1.5	16 541	1.6	149	2.2	3 567	3.1
Boone	10	9.0	257	20.8	235	1.5	17 195	1.3	191	1.8	5 850	1.7
Bremer	7	10.8	342	13.8	405	1.3	24 501	1.8	176	2.1	3 797	2.6
Buchanan	5	12.8	(D)	(D)	497	1.1	28 189	1.3	244	1.7	5 479	2.3
Buena Vista	5	10.0	(D)	(D)	205	1.6	22 926	1.4	155	2.0	4 592	2.9
Butler	4	17.2	91	20.8	370	1.2	21 885	1.4	236	1.6	5 352	2.2
Calhoun	2	17.5	(D)	(D)	182	2.1	21 054	1.7	124	2.6	(D)	(D)
Carroll	7	8.4	575	11.2	389	1.2	73 296	.7	253	1.7	9 576	1.9
Cass	3	18.8	(D)	(D)	440	1.1	49 714	1.2	376	1.2	16 670	1.6
Cedar	7	7.8	(D)	(D)	395	1.2	29 787	1.5	294	1.4	9 691	1.8
Cerro Gordo	10	7.6	199	3.0	170	2.1	9 418	2.6	104	2.7	2 630	3.8
Cherokee	–	–	–	–	368	1.2	48 587	1.1	274	1.5	10 680	1.8
Chickasaw	6	12.4	613	10.8	426	1.3	39 107	1.2	216	2.0	6 333	2.8

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Irrigated land				Livestock and poultry							
					Cattle and calves inventory				Beef cows inventory			
	Farms		Acres		Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Clarke	5	13.4	383	16.4	449	1.1	40 721	1.8	422	1.2	20 128	1.8
Clay	9	9.6	844	19.4	176	1.9	16 987	1.4	138	2.2	(D)	(D)
Clayton	7	10.7	465	14.5	955	.8	83 360	1.0	489	1.2	15 905	1.7
Clinton	9	9.7	113	28.0	564	1.1	54 104	1.2	354	1.4	12 885	1.7
Crawford	5	13.9	184	16.4	608	1.1	60 675	1.1	490	1.3	19 272	1.6
Dallas	17	6.5	844	.9	274	1.4	16 221	1.8	222	1.6	6 380	2.3
Davis	5	13.0	(D)	(D)	584	1.0	47 461	1.4	491	1.1	21 370	1.6
Decatur	3	21.9	12	33.2	462	.9	61 623	1.0	407	1.0	23 245	1.2
Delaware	5	15.4	10	19.3	690	.9	70 399	.9	241	1.7	7 973	1.8
Des Moines	14	5.8	1 945	4.0	255	1.5	15 343	2.0	209	1.7	5 689	2.7
Dickinson	3	21.6	(D)	(D)	139	2.1	26 846	1.1	94	2.9	3 983	3.5
Dubuque	6	10.6	20	9.7	1 042	.9	112 144	.9	438	1.4	16 398	1.6
Emmet	2	13.4	(D)	(D)	145	1.9	18 909	1.3	97	2.5	(D)	(D)
Fayette	13	9.2	738	14.5	628	1.0	59 268	1.0	276	1.6	9 519	1.9
Floyd	12	7.2	1 924	6.7	250	1.5	15 921	2.3	156	2.0	4 153	2.6
Franklin	2	22.2	(D)	(D)	219	1.8	19 252	1.6	151	2.2	4 130	2.3
Fremont	13	6.0	1 932	4.5	222	1.5	23 564	1.3	195	1.7	(D)	(D)
Greene	7	8.2	1 207	4.9	246	1.6	21 041	1.7	196	1.9	5 741	2.4
Grundy	4	16.4	(D)	(D)	221	1.4	19 843	1.2	141	1.9	4 376	2.6
Guthrie	3	19.4	(D)	(D)	456	1.2	36 996	1.4	407	1.3	16 758	2.0
Hamilton	6	11.1	(D)	(D)	118	2.1	5 150	2.3	82	2.7	1 654	3.4
Hancock	8	10.6	480	10.8	190	1.7	11 616	1.8	112	2.3	2 756	3.0
Hardin	6	9.6	(D)	(D)	250	1.7	19 525	1.8	197	1.9	6 388	2.7
Harrison	59	3.5	20 699	2.5	364	1.5	33 693	1.6	291	1.8	11 727	2.2
Henry	2	20.2	(D)	(D)	316	1.3	18 075	1.9	259	1.5	8 399	2.2
Howard	2	23.5	(D)	(D)	381	1.3	30 651	1.5	174	2.1	5 118	2.8
Humboldt	1	–	(D)	(D)	117	2.5	11 936	2.0	58	3.8	1 463	3.6
Ida	2	16.8	(D)	(D)	292	1.7	33 145	1.4	235	2.0	(D)	(D)
Iowa	4	18.0	22	19.5	446	1.2	44 383	1.3	369	1.3	16 485	1.6
Jackson	9	9.1	248	12.5	873	.8	89 317	1.1	648	1.1	25 448	1.4
Jasper	6	15.0	(D)	(D)	514	1.2	46 016	1.3	426	1.4	16 551	1.7
Jefferson	5	14.0	(D)	(D)	355	1.4	20 280	1.9	307	1.6	8 591	2.1
Johnson	20	6.3	771	2.0	566	1.1	37 990	1.7	405	1.4	12 395	1.9
Jones	3	20.4	(D)	(D)	530	.9	61 039	1.0	357	1.2	15 237	1.6
Keokuk	–	–	–	–	413	1.4	28 601	1.8	359	1.5	13 292	1.9
Kossuth	8	6.5	614	5.8	308	1.4	30 431	1.1	167	2.0	4 905	2.4
Lee	12	7.5	939	7.2	392	1.3	26 884	1.7	310	1.6	10 265	2.1
Linn	23	6.3	189	11.2	616	1.0	36 790	1.1	445	1.3	10 358	1.7
Louisa	34	4.2	5 015	3.7	176	1.9	11 269	2.6	141	2.3	4 548	3.0
Lucas	1	49.9	(D)	(D)	445	1.1	40 506	1.7	417	1.2	21 117	1.8
Lyon	7	11.0	515	14.0	507	1.3	78 467	.9	261	2.0	9 568	2.4
Madison	6	14.5	46	14.0	579	1.1	44 695	1.5	523	1.2	21 791	1.6
Mahaska	5	14.2	(D)	(D)	436	1.2	41 421	1.3	308	1.6	10 454	2.0
Marion	7	11.3	55	16.9	465	1.2	30 772	1.6	387	1.4	12 969	2.1
Marshall	6	9.9	8	9.5	316	1.4	25 413	1.5	252	1.6	7 996	2.2
Mills	3	–	(D)	(D)	180	2.0	14 175	2.4	149	2.3	5 680	2.9
Mitchell	7	8.9	394	20.2	322	1.4	44 635	1.2	105	2.7	2 873	4.2
Monona	102	2.5	40 838	2.1	263	1.6	36 424	1.5	201	2.0	9 491	2.5
Monroe	2	24.1	(D)	(D)	418	1.3	37 088	2.2	372	1.5	17 586	2.2
Montgomery	2	–	(D)	(D)	275	1.3	29 357	1.2	234	1.5	10 160	1.8
Muscatine	41	4.3	5 924	5.7	295	1.5	19 217	1.9	232	1.8	6 417	2.3
O'Brien	4	14.6	(D)	(D)	274	1.6	34 064	1.3	160	2.2	6 394	2.2
Osceola	7	11.0	717	14.1	188	2.0	30 926	1.6	68	3.7	2 581	6.3
Page	8	9.6	187	4.1	447	1.1	39 461	1.3	373	1.2	15 535	1.8
Palo Alto	27	5.5	4 185	6.4	182	1.7	18 843	1.8	111	2.3	2 994	3.2
Plymouth	9	11.5	2 262	7.1	616	1.1	79 131	1.0	427	1.4	17 884	1.9
Pocahontas	7	10.9	107	7.2	131	2.3	11 657	2.4	73	3.2	1 797	4.1
Polk	20	7.1	112	10.5	190	2.0	9 774	2.6	152	2.4	4 135	3.1
Pottawattamie	17	6.3	1 864	4.8	559	1.2	63 804	1.1	451	1.4	15 680	1.8
Poweshiek	3	21.1	3	21.1	462	1.1	40 525	1.6	392	1.3	15 515	1.8
Ringgold	1	35.7	(D)	(D)	407	1.2	41 973	1.6	380	1.2	21 129	1.6
Sac	8	10.4	590	2.3	276	1.5	39 542	1.1	184	2.0	6 398	2.2
Scott	11	8.7	640	2.6	292	1.6	20 483	2.0	208	1.9	5 581	3.2
Shelby	5	13.2	20	26.5	425	1.3	40 343	1.2	341	1.5	10 986	1.8
Sioux	47	3.8	7 899	4.3	677	.9	174 053	.5	187	2.0	10 700	1.7
Story	22	6.9	325	13.8	212	1.7	16 965	1.3	135	2.2	3 568	3.0
Tama	6	14.7	91	35.9	500	1.2	34 081	1.8	382	1.4	13 332	2.2
Taylor	–	–	–	–	425	1.2	36 730	1.5	375	1.3	17 312	1.6
Union	8	12.2	152	25.8	402	1.3	37 889	1.9	359	1.5	(D)	(D)
Van Buren	3	15.1	13	14.7	450	1.3	30 669	1.7	394	1.4	15 319	1.8
Wapello	5	14.6	51	16.5	387	1.3	20 975	1.9	346	1.4	9 976	2.0
Warren	8	12.6	255	20.6	620	1.1	39 482	1.7	556	1.2	18 329	1.8
Washington	2	18.1	(D)	(D)	394	1.4	25 439	1.9	285	1.7	9 423	2.1
Wayne	3	16.8	(D)	(D)	450	.9	42 482	1.3	399	1.0	20 902	1.4
Webster	9	8.4	87	3.7	208	1.8	12 870	1.6	154	2.2	3 805	2.5
Winnebago	3	8.4	3	8.4	120	2.3	5 994	2.7	67	3.2	1 136	4.3
Winneshiek	13	8.4	179	23.7	855	1.0	81 358	1.1	443	1.4	13 915	1.8
Woodbury	44	4.4	7 782	4.5	511	1.3	62 634	1.3	412	1.5	18 491	2.0
Worth	3	–	402	–	180	1.8	9 892	2.3	125	2.3	2 652	3.1
Wright	1	–	(D)	(D)	108	2.3	5 245	1.8	72	2.8	1 539	2.9

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Livestock and poultry—Con.											
	Milk cows inventory				Hogs and pigs inventory				Sheep and lambs inventory			
	Farms		Total		Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Iowa	**4 208**	**.8**	**222 142**	**.6**	**17 243**	**.5**	**14 651 919**	**.2**	**4 431**	**.7**	**265 305**	**.8**
Adair	10	8.3	296	8.0	129	2.5	39 032	2.6	57	4.1	1 720	5.8
Adams	9	10.1	177	13.1	62	3.3	58 998	1.3	18	7.4	798	11.4
Allamakee	230	1.8	15 173	1.6	138	2.2	72 111	1.7	25	5.6	664	6.9
Appanoose	17	7.3	398	10.1	24	5.9	5 462	7.6	38	4.8	1 844	7.7
Audubon	4	16.6	190	11.5	160	1.7	168 217	.6	28	5.6	1 053	8.7
Benton	28	4.9	2 029	4.0	233	1.7	102 216	1.4	75	3.1	3 072	4.5
Black Hawk	32	4.7	1 491	4.3	200	1.6	171 797	.8	36	4.5	3 231	5.1
Boone	6	13.2	104	21.6	111	2.2	101 679	.9	52	3.8	1 703	6.2
Bremer	111	2.7	5 398	2.9	168	2.0	88 693	1.3	44	4.1	1 724	11.4
Buchanan	150	2.3	3 785	2.7	300	1.4	191 642	.9	63	3.8	1 356	5.8
Buena Vista	4	7.3	321	2.7	270	1.2	298 220	.5	39	4.3	3 162	3.9
Butler	44	3.5	1 827	3.2	238	1.4	178 682	.8	73	3.0	3 386	5.4
Calhoun	1	34.9	(D)	(D)	159	2.0	171 427	.8	43	4.6	1 546	8.3
Carroll	10	8.8	233	12.6	355	1.2	372 598	.5	36	4.9	2 581	7.5
Cass	14	7.5	363	10.3	130	2.1	64 720	1.5	43	4.3	2 317	6.6
Cedar	23	6.5	899	7.1	196	1.7	151 936	1.0	69	3.5	2 588	7.0
Cerro Gordo	12	9.1	560	9.4	141	2.0	126 766	.9	42	4.2	1 392	5.7
Cherokee	19	6.3	804	5.4	244	1.4	222 808	.7	31	5.1	1 598	7.9
Chickasaw	101	2.9	5 674	2.3	186	1.8	131 490	1.1	43	4.6	2 076	3.4
Clarke	18	8.0	357	7.8	53	4.5	67 224	1.0	51	4.5	2 473	19.3
Clay	3	13.9	(D)	(D)	133	2.0	108 489	1.1	33	5.1	3 608	8.4
Clayton	413	1.3	21 965	1.3	337	1.3	242 580	.8	59	3.9	1 780	5.5
Clinton	45	4.3	2 482	3.5	246	1.7	101 869	1.4	56	4.0	2 337	5.2
Crawford	16	7.2	668	7.0	230	1.8	179 383	.9	42	4.9	3 002	5.1
Dallas	6	11.9	98	18.9	85	2.4	56 587	1.1	42	4.0	1 164	5.0
Davis	83	3.5	1 834	4.3	94	3.1	123 102	.8	78	3.6	7 484	2.7
Decatur	12	8.4	232	17.2	40	3.8	39 037	1.4	32	5.0	1 402	12.4
Delaware	315	1.4	18 844	1.3	515	1.0	401 729	.6	34	4.7	1 016	7.2
Des Moines	11	7.2	520	9.9	70	2.9	125 030	.7	28	4.9	590	7.1
Dickinson	6	10.8	586	2.9	82	2.7	45 333	1.6	35	4.5	1 551	6.5
Dubuque	416	1.4	27 998	1.2	399	1.4	258 568	.8	36	5.5	1 221	6.9
Emmet	2	24.3	(D)	(D)	83	2.3	120 605	.5	19	6.2	982	7.8
Fayette	207	2.0	12 778	1.6	290	1.4	242 628	.6	59	3.6	4 564	5.3
Floyd	27	5.9	963	6.5	155	1.7	106 157	.9	25	5.5	1 028	8.2
Franklin	19	7.2	436	9.5	182	1.6	198 056	.6	36	5.2	2 516	12.4
Fremont	2	26.7	(D)	(D)	54	2.9	24 261	2.5	10	9.1	684	17.9
Greene	6	13.3	8	15.4	125	2.0	154 717	.6	28	5.1	937	6.9
Grundy	13	5.4	745	4.1	180	1.5	156 834	.7	41	3.9	2 692	4.9
Guthrie	9	9.9	557	6.1	120	2.5	81 536	1.5	37	4.9	924	7.4
Hamilton	4	13.1	340	2.7	159	1.3	448 312	.2	40	3.9	1 363	5.6
Hancock	8	8.4	355	8.2	186	1.5	174 621	.7	36	4.2	2 240	8.1
Hardin	6	12.3	161	19.2	205	1.5	395 359	.3	39	4.5	1 004	6.2
Harrison	7	13.8	84	15.5	74	3.5	66 383	1.2	9	10.7	467	18.9
Henry	8	9.4	364	8.3	129	2.0	88 271	1.2	51	3.8	2 289	5.5
Howard	105	2.9	4 561	2.9	187	2.0	98 979	1.4	26	6.5	1 111	9.1
Humboldt	7	12.8	299	15.0	108	2.4	85 721	1.2	22	5.7	3 870	1.6
Ida	5	12.0	(D)	(D)	149	2.5	120 684	1.1	29	6.3	2 117	11.5
Iowa	26	5.8	994	5.0	201	1.7	134 113	1.1	47	4.1	2 114	9.7
Jackson	141	2.4	7 592	2.0	232	1.8	89 234	1.6	53	4.0	2 475	7.8
Jasper	19	7.4	857	6.4	215	1.8	180 743	.9	91	3.3	3 546	5.7
Jefferson	16	8.1	524	7.5	121	2.4	72 998	1.6	42	4.8	9 646	3.9
Johnson	96	3.1	2 938	3.1	279	1.7	137 946	1.3	114	2.7	5 758	5.6
Jones	62	3.0	3 256	2.6	233	1.5	147 204	.8	49	3.9	2 552	2.6
Keokuk	7	12.5	203	9.7	195	2.0	144 412	1.2	60	4.0	3 071	3.9
Kossuth	25	5.4	1 191	4.4	306	1.3	323 029	.5	63	3.5	3 809	7.4
Lee	23	6.6	1 447	6.2	146	2.2	113 345	1.2	49	4.8	3 093	7.1
Linn	54	3.8	2 033	3.5	193	1.9	80 301	1.8	87	3.0	2 987	4.5
Louisa	7	11.0	193	16.0	95	2.5	90 189	.9	28	5.8	1 076	10.1
Lucas	14	9.5	239	13.2	55	3.8	19 082	3.9	29	5.5	3 239	3.5
Lyon	59	4.0	4 315	2.5	371	1.5	325 619	.7	58	4.2	5 715	4.9
Madison	5	17.3	12	22.8	87	3.1	40 136	1.7	49	4.8	2 121	6.1
Mahaska	22	5.6	1 106	5.6	259	1.5	247 819	.8	48	4.4	2 515	5.9
Marion	18	7.5	742	8.5	138	2.3	80 740	1.2	79	3.5	8 218	2.1
Marshall	8	8.3	855	2.8	139	2.1	118 159	1.0	71	3.4	3 280	3.6
Mills	5	16.9	85	19.9	51	4.4	17 544	4.0	21	7.6	1 056	12.6
Mitchell	78	3.5	2 996	3.1	259	1.5	265 686	.6	35	5.2	1 296	8.4
Monona	6	13.7	217	16.0	114	2.5	55 490	2.0	22	6.7	1 145	8.4
Monroe	18	7.5	705	7.8	48	4.4	45 184	1.5	27	6.5	1 718	12.6
Montgomery	7	10.8	247	14.2	79	2.7	38 330	2.1	19	6.0	681	7.6
Muscatine	20	6.3	1 043	5.4	141	2.3	68 777	1.8	61	4.0	1 632	4.9
O'Brien	18	6.7	760	5.7	280	1.4	283 000	.7	57	4.0	4 485	7.4
Osceola	24	5.4	1 338	4.0	153	2.0	216 701	.6	27	5.5	3 771	3.5
Page	5	14.0	75	21.5	126	2.2	61 151	1.4	32	4.8	1 496	4.4
Palo Alto	14	6.5	362	7.0	157	1.7	199 116	.6	23	5.3	3 843	6.1
Plymouth	36	4.7	2 215	2.6	465	1.1	460 965	.5	68	4.0	7 202	5.0
Pocahontas	6	10.6	443	5.2	151	1.9	118 209	.8	27	5.4	1 567	5.6
Polk	3	15.9	246	6.5	64	3.3	21 780	1.7	48	4.4	2 210	8.5
Pottawattamie	13	8.8	314	13.4	189	2.1	87 323	1.6	53	4.5	1 795	6.1
Poweshiek	12	7.7	1 091	3.9	172	2.0	109 074	1.2	59	3.4	3 174	5.3

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Livestock and poultry—Con.											
	Milk cows inventory				Hogs and pigs inventory				Sheep and lambs inventory			
	Farms		Total		Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Ringgold	13	8.6	242	15.2	55	3.5	181 241	.3	24	6.1	1 449	12.4
Sac	13	7.8	754	2.7	240	1.4	350 473	.4	51	4.1	5 411	3.7
Scott	24	6.4	844	7.2	152	2.1	104 705	1.3	53	4.2	1 679	5.9
Shelby	8	11.8	324	13.5	217	1.8	119 133	1.3	39	4.8	2 109	10.5
Sioux	117	2.3	14 214	1.0	688	.9	762 294	.4	102	2.7	28 917	1.2
Story	8	6.3	1 342	1.0	142	2.1	102 688	1.2	62	3.4	2 906	4.8
Tama	29	5.6	1 460	4.4	165	2.1	103 275	1.1	80	3.4	3 470	5.1
Taylor	7	12.1	220	7.0	83	3.1	41 037	1.6	23	6.7	1 126	13.3
Union	5	14.2	(D)	(D)	63	3.6	56 082	1.5	39	5.4	2 970	9.5
Van Buren	30	6.1	941	7.1	82	3.1	43 971	1.9	62	4.1	3 548	6.9
Wapello	15	8.0	439	8.7	61	3.2	34 941	1.7	23	7.2	631	8.7
Warren	21	6.8	494	6.3	91	3.1	42 339	1.9	61	4.2	1 790	9.2
Washington	50	4.5	1 272	5.9	386	1.2	436 353	.5	70	3.9	3 278	6.3
Wayne	16	7.4	479	8.6	49	3.6	20 808	2.2	28	4.8	1 043	5.8
Webster	6	10.7	292	13.5	130	1.9	149 935	.5	36	4.4	1 274	4.5
Winnebago	21	5.8	533	6.0	122	2.1	44 371	1.9	26	5.3	651	7.4
Winneshiek	332	1.6	19 617	1.4	302	1.6	125 534	1.3	58	4.1	1 991	6.7
Woodbury	5	17.5	109	19.8	190	2.1	103 850	1.4	48	4.7	1 991	7.1
Worth	12	7.3	467	6.1	103	2.3	46 325	1.9	23	5.7	937	7.1
Wright	5	12.4	64	19.5	94	2.1	358 616	.3	39	4.1	1 621	5.6

Geographic area	Livestock and poultry—Con.							
	Layers 20 weeks old and older inventory				Broilers and other meat-type chickens sold			
	Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Iowa	**1 831**	**.9**	**21 509 521**	**.1**	**519**	**1.4**	**6 852 810**	**1.1**
Adair	16	7.2	(D)	(D)	9	8.0	2 085	17.2
Adams	12	8.2	2 057	12.9	3	–	610 000	–
Allamakee	7	12.1	413	22.2	4	18.2	(D)	(D)
Appanoose	25	6.1	410	8.5	2	16.4	(D)	(D)
Audubon	10	8.1	(D)	(D)	6	10.9	1 406	6.1
Benton	25	5.9	(D)	(D)	15	7.0	8 173	11.0
Black Hawk	18	7.2	(D)	(D)	7	10.9	2 151	24.5
Boone	15	6.3	(D)	(D)	7	10.2	1 353	12.3
Bremer	24	5.8	(D)	(D)	9	11.2	1 521	19.0
Buchanan	43	4.1	(D)	(D)	15	7.1	118 225	9.9
Buena Vista	11	7.6	(D)	(D)	7	8.2	665	9.8
Butler	30	4.8	(D)	(D)	9	9.2	10 123	35.5
Calhoun	13	9.6	340	13.1	5	14.0	2 115	16.8
Carroll	13	8.5	600	11.1	7	11.9	2 625	13.6
Cass	11	7.9	(D)	(D)	3	15.7	(D)	(D)
Cedar	15	7.8	405	10.1	6	13.2	891	15.2
Cerro Gordo	12	7.8	35 664	(L)	2	18.6	(D)	(D)
Cherokee	6	11.5	(D)	(D)	4	15.7	1 850	24.1
Chickasaw	18	7.2	782	10.8	7	13.1	(D)	(D)
Clarke	17	7.1	1 146	11.2	1	50.0	(D)	(D)
Clay	7	8.0	(D)	(D)	7	12.8	2 351	17.7
Clayton	39	4.8	449 504	(L)	6	12.3	1 800	16.0
Clinton	23	6.7	991	13.8	5	12.0	297	15.4
Crawford	23	6.9	(D)	(D)	8	11.6	1 177	16.2
Dallas	26	5.0	213 237	2.2	4	14.1	921	17.2
Davis	43	4.6	11 442	30.5	1	34.9	(D)	(D)
Decatur	19	6.5	375	7.5	3	12.4	250	11.8
Delaware	25	5.8	(D)	(D)	4	12.9	265	12.7
Des Moines	10	9.0	309	9.5	3	13.0	200	7.6
Dickinson	4	14.7	84	18.6	1	33.0	(D)	(D)
Dubuque	22	6.3	1 337	10.7	5	15.3	687	24.2
Emmet	6	12.2	(D)	(D)	5	15.7	1 240	21.4
Fayette	20	5.9	(D)	(D)	3	16.9	215	18.6
Floyd	6	10.9	(D)	(D)	8	9.1	(D)	(D)
Franklin	20	6.2	(D)	(D)	5	14.1	937	17.7
Fremont	5	12.4	123	17.5	1	31.4	(D)	(D)
Greene	13	7.6	908	18.6	8	9.8	1 168	21.2
Grundy	14	6.6	163 891	4.2	7	8.7	2 715	10.6
Guthrie	18	6.9	(D)	(D)	2	28.5	(D)	(D)
Hamilton	13	6.7	12 356	18.9	2	21.9	(D)	(D)
Hancock	14	7.1	(D)	(D)	2	13.7	(D)	(D)
Hardin	14	7.4	(D)	(D)	5	12.1	755	24.2
Harrison	12	10.1	596	14.9	5	16.2	(D)	(D)
Henry	11	9.7	312	11.5	2	21.4	(D)	(D)
Howard	29	6.0	1 382	12.4	5	12.5	325	14.0
Humboldt	11	9.8	133 062	4.8	4	13.1	(D)	(D)
Ida	15	8.9	1 201	16.3	3	21.5	(D)	(D)
Iowa	12	8.4	813	16.6	5	12.7	485	18.8
Jackson	25	6.3	(D)	(D)	6	13.1	1 955	17.5

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Livestock and poultry—Con.							
	Layers 20 weeks old and older inventory				Broilers and other meat-type chickens sold			
	Farms		Total		Farms		Total	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)
Jasper	25	5.9	(D)	(D)	7	12.8	2 681	12.9
Jefferson	14	8.8	780	18.9	2	26.0	(D)	(D)
Johnson	62	3.8	64 027	.5	12	9.4	10 537	23.8
Jones	17	7.1	364	9.0	6	14.1	1 176	16.9
Keokuk	13	7.5	(D)	(D)	4	12.6	960	19.1
Kossuth	19	6.5	9 515	21.1	10	9.0	8 142	12.6
Lee	19	7.5	1 428	19.4	–	–	–	–
Linn	43	4.3	1 363	6.4	10	9.5	1 438	13.9
Louisa	6	9.2	94	10.5	2	15.3	(D)	(D)
Lucas	23	6.1	432	8.0	4	16.6	950	19.1
Lyon	16	7.7	(D)	(D)	13	7.4	404 682	.3
Madison	27	6.4	(D)	(D)	1	36.1	(D)	(D)
Mahaska	11	9.4	(D)	(D)	2	23.6	(D)	(D)
Marion	24	6.4	769	8.0	4	19.3	197	25.9
Marshall	16	7.3	(D)	(D)	6	13.7	1 395	14.1
Mills	9	9.8	260	17.4	2	25.1	(D)	(D)
Mitchell	37	5.5	279 987	2.3	13	10.3	(D)	(D)
Monona	10	9.7	193	12.6	2	16.8	(D)	(D)
Monroe	8	11.4	153	14.5	–	–	–	–
Montgomery	10	8.7	(D)	(D)	1	28.8	(D)	(D)
Muscatine	25	6.5	1 886	12.4	7	11.0	1 250	13.9
O'Brien	21	6.3	304 897	2.5	9	8.1	(D)	(D)
Osceola	9	7.0	(D)	(D)	4	12.5	(D)	(D)
Page	11	8.8	841	16.8	2	26.6	(D)	(D)
Palo Alto	10	6.9	817 505	(L)	7	11.1	2 106	14.4
Plymouth	29	6.0	7 763	2.1	4	17.1	(D)	(D)
Pocahontas	9	9.0	(D)	(D)	3	18.8	(D)	(D)
Polk	17	8.5	263	9.8	5	13.7	6 605	28.2
Pottawattamie	30	5.5	907	7.8	9	10.4	874	15.6
Poweshiek	11	9.3	(D)	(D)	4	16.9	95	18.8
Ringgold	13	7.8	303	9.9	4	11.4	(D)	(D)
Sac	13	8.2	96 168	6.2	5	12.1	425	23.6
Scott	22	6.5	2 064	23.6	2	23.7	(D)	(D)
Shelby	17	8.2	582	10.7	9	9.6	1 474	12.7
Sioux	31	3.7	1 573 881	.2	23	5.2	2 472 235	.2
Story	16	7.4	1 132	16.2	7	11.1	4 300	12.4
Tama	34	5.6	1 107	8.1	9	11.5	1 044	16.9
Taylor	19	7.2	(D)	(D)	4	13.0	(D)	(D)
Union	12	9.4	148	11.1	8	10.7	(D)	(D)
Van Buren	22	7.0	975	10.3	4	19.4	248	23.2
Wapello	16	8.3	526	14.7	2	23.0	(D)	(D)
Warren	28	6.3	620	7.8	3	21.3	(D)	(D)
Washington	47	4.3	399 737	.5	11	11.3	(D)	(D)
Wayne	10	8.0	230	10.5	1	46.6	(D)	(D)
Webster	20	6.9	(D)	(D)	1	30.5	(D)	(D)
Winnebago	8	9.6	619	18.5	2	19.0	(D)	(D)
Winneshiek	36	4.9	(D)	(D)	5	12.8	475	16.1
Woodbury	33	5.7	1 267	7.2	5	14.1	1 960	26.9
Worth	4	15.9	(D)	(D)	5	13.5	630	17.7
Wright	9	7.4	(D)	(D)	1	31.7	(D)	(D)

Geographic area	Selected crops harvested											
	Corn for grain or seed						Corn for silage or green chop					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Tons, green	Relative standard error of estimate (percent)
Iowa	**61 860**	**.6**	**11 595 308**	**.5**	**1 537 482 128**	**.5**	**8 405**	**.7**	**241 549**	**.5**	**3 993 158**	**.6**
Adair	543	.9	93 873	1.1	10 829 372	1.1	93	2.8	2 686	3.5	38 974	3.6
Adams	338	1.2	54 227	1.3	6 247 399	1.3	36	4.2	1 301	4.3	16 118	4.0
Allamakee	584	1.0	63 619	1.2	8 273 034	1.2	275	1.6	6 831	1.9	115 394	1.7
Appanoose	309	1.5	27 217	1.9	3 290 397	2.0	29	5.7	754	7.4	10 057	8.4
Audubon	468	.9	103 274	.9	12 811 212	.9	47	3.4	1 356	4.0	19 077	3.3
Benton	866	.7	166 702	.8	23 422 374	.8	86	2.8	1 974	2.5	32 333	2.7
Black Hawk	722	.7	131 973	.8	17 572 621	.8	63	3.2	1 727	3.6	29 935	4.0
Boone	632	.7	140 660	.7	20 115 217	.7	28	4.5	561	5.1	10 289	7.5
Bremer	713	.8	105 948	.9	14 824 642	.9	114	2.7	2 371	3.0	43 121	3.4
Buchanan	859	.7	156 792	.8	20 690 445	.8	143	2.2	3 228	2.8	60 888	4.2
Buena Vista	714	.6	158 339	.6	22 268 695	.6	66	2.8	2 887	1.8	60 043	1.5
Butler	784	.7	139 450	.7	18 450 766	.7	83	2.5	1 927	2.7	29 828	2.5
Calhoun	650	.9	149 875	.9	19 749 654	.9	39	4.1	2 012	2.2	25 960	3.4
Carroll	883	.7	151 595	.8	19 662 164	.8	77	2.7	2 631	2.0	39 336	2.7
Cass	575	.8	114 895	.9	13 311 624	1.0	81	2.9	1 708	2.8	24 267	2.6
Cedar	690	.7	140 111	.8	19 025 852	.8	81	2.9	1 508	2.8	21 462	3.3
Cerro Gordo	563	.9	137 695	.9	19 318 381	.9	44	4.4	1 115	6.9	19 403	6.9
Cherokee	704	.7	129 500	.8	17 375 954	.8	121	2.2	4 600	1.6	79 806	1.2
Chickasaw	674	.9	114 215	.9	15 587 474	.9	177	2.1	5 302	2.2	91 489	2.2

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Selected crops harvested											
	Corn for grain or seed						Corn for silage or green chop					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Tons, green	Relative standard error of estimate (percent)
Clarke	309	1.5	25 691	2.0	2 809 247	2.1	52	4.4	1 546	5.1	18 500	4.8
Clay	508	.8	118 457	.8	15 713 582	.8	56	3.4	1 896	2.3	31 517	2.2
Clayton	1 082	.7	158 200	.9	20 923 842	.8	343	1.5	7 418	1.5	120 460	1.5
Clinton	918	.8	171 357	.9	23 414 391	.9	125	2.3	3 961	2.6	64 758	2.8
Crawford	785	.9	160 588	.9	19 657 636	.9	92	2.8	2 300	2.7	36 854	2.5
Dallas	553	.8	126 098	.8	16 867 647	.7	34	4.2	819	3.7	13 641	3.6
Davis	361	1.4	33 647	1.8	3 974 152	1.8	67	3.7	1 112	4.0	18 259	4.3
Decatur	248	1.4	24 834	1.7	2 793 028	1.8	34	4.0	1 181	4.4	15 132	4.7
Delaware	1 014	.6	157 975	.7	21 723 080	.7	333	1.3	9 027	1.3	162 943	1.3
Des Moines	422	1.0	68 347	1.3	9 334 779	1.2	49	4.0	911	4.3	14 998	4.2
Dickinson	361	.9	78 518	1.0	9 715 927	1.0	47	3.4	2 811	1.5	45 049	1.1
Dubuque	1 105	.9	116 149	.9	15 465 826	.9	391	1.5	9 797	1.4	162 307	1.4
Emmet	393	.8	96 395	.9	13 417 749	.9	51	3.6	1 745	6.1	31 259	6.8
Fayette	970	.7	170 723	.7	23 315 159	.7	271	1.6	8 005	1.5	145 737	1.8
Floyd	632	.7	134 011	.8	18 209 619	.8	74	3.1	2 301	4.3	43 039	5.4
Franklin	692	.7	157 682	.8	20 527 021	.8	58	3.5	1 535	2.3	23 490	2.5
Fremont	413	.9	110 761	.9	14 469 622	.9	11	6.0	491	3.2	9 290	2.5
Greene	612	.8	147 897	.8	20 074 105	.8	31	4.3	1 096	6.4	18 117	5.9
Grundy	602	.6	150 400	.6	20 669 062	.6	34	3.6	831	2.2	14 364	2.1
Guthrie	522	1.1	93 504	1.1	10 880 772	1.2	48	4.5	951	6.7	12 694	6.0
Hamilton	632	.6	165 490	.5	23 069 007	.5	11	5.6	324	2.6	5 964	2.3
Hancock	699	.6	164 212	.7	22 787 740	.7	62	2.9	1 225	2.9	21 772	2.7
Hardin	653	.8	158 864	.8	20 236 600	.8	38	4.0	1 177	4.8	18 108	4.9
Harrison	632	1.0	149 889	.9	19 072 729	.9	46	4.2	1 291	5.4	19 119	5.8
Henry	499	.9	85 642	1.0	11 322 611	1.1	33	4.5	728	4.9	10 340	4.8
Howard	606	.9	105 511	.9	14 286 924	.8	165	2.1	4 216	3.4	68 763	2.9
Humboldt	510	.8	120 221	.8	17 080 777	.8	32	4.8	805	4.8	14 250	5.0
Ida	493	1.2	104 446	1.2	13 720 056	1.2	73	3.4	2 302	2.8	34 014	2.5
Iowa	614	.9	112 493	.9	14 753 816	1.0	92	2.7	2 739	2.6	44 028	2.5
Jackson	787	.9	91 247	1.2	11 575 597	1.2	181	2.1	4 910	2.0	74 131	2.0
Jasper	834	.9	157 636	.9	21 615 987	.9	60	3.6	1 880	6.8	32 095	6.1
Jefferson	405	1.3	61 740	1.4	8 058 776	1.5	30	5.2	602	6.3	7 845	7.2
Johnson	778	.9	98 460	1.1	13 131 480	1.1	126	2.7	2 239	9.1	37 334	8.3
Jones	716	.7	135 485	.9	18 643 910	.9	144	1.9	3 595	1.8	59 973	2.0
Keokuk	588	1.1	98 836	1.2	13 620 395	1.2	45	4.6	913	3.8	15 904	3.6
Kossuth	1 201	.6	278 774	.6	39 434 946	.6	104	2.3	3 180	2.1	55 595	2.7
Lee	496	1.1	74 928	1.3	10 047 204	1.3	71	3.5	2 054	6.7	46 521	13.0
Linn	877	.8	128 793	.9	17 834 588	.9	132	2.3	2 695	2.1	47 341	2.5
Louisa	382	1.0	75 216	1.2	9 413 450	1.2	29	5.6	550	6.2	8 500	6.0
Lucas	278	1.6	23 535	2.2	2 903 555	2.3	32	5.3	693	4.8	10 929	4.8
Lyon	850	1.0	141 720	1.0	18 010 906	1.0	216	1.9	7 138	1.4	125 483	1.5
Madison	520	1.2	68 946	1.3	8 287 469	1.3	60	3.8	2 022	3.3	23 178	3.8
Mahaska	681	.9	117 711	.9	15 931 605	.9	99	2.7	2 648	2.9	48 193	2.9
Marion	526	1.1	77 621	1.1	9 769 902	1.1	39	4.6	1 079	4.5	18 344	5.2
Marshall	614	.8	130 504	.9	17 459 458	.9	43	4.0	1 371	2.9	25 643	3.0
Mills	348	1.1	87 047	1.2	11 355 107	1.3	10	8.9	267	6.2	4 120	4.0
Mitchell	627	.8	121 677	.8	17 520 175	.8	157	2.1	6 614	1.6	109 208	2.1
Monona	515	.9	140 004	1.0	16 747 695	.9	63	3.5	2 045	3.5	28 577	3.3
Monroe	311	1.7	27 028	2.3	3 303 128	2.4	44	4.9	1 208	4.8	23 497	5.4
Montgomery	401	.9	80 630	1.0	10 422 485	1.0	27	4.3	746	2.5	11 538	2.8
Muscatine	503	1.0	86 570	1.2	10 895 561	1.2	57	3.7	2 078	2.8	37 415	2.8
O'Brien	816	.7	152 787	.8	20 691 261	.8	92	2.8	2 396	2.6	39 282	2.7
Osceola	531	.9	103 308	1.0	12 776 047	1.0	74	2.7	3 406	1.3	54 973	1.5
Page	537	.9	90 619	1.0	11 625 835	1.0	42	4.1	1 061	3.7	18 744	5.2
Palo Alto	636	.7	145 977	.8	20 192 212	.8	63	2.8	2 006	1.9	32 423	1.9
Plymouth	1 104	.8	205 499	.7	25 290 584	.7	148	2.1	5 619	1.4	79 062	1.4
Pocahontas	703	.7	163 570	.8	23 291 520	.8	32	4.6	644	4.2	11 480	4.5
Polk	442	1.1	90 408	1.0	13 423 582	1.0	18	6.9	558	8.0	8 455	9.7
Pottawattamie	957	.8	217 327	.8	27 608 524	.8	85	2.8	2 518	5.1	38 421	5.2
Poweshiek	607	.9	108 723	1.0	14 714 637	1.0	61	3.6	1 794	4.9	33 281	4.9
Ringgold	318	1.4	37 393	1.6	3 916 927	1.6	39	4.7	1 180	5.4	17 769	6.4
Sac	659	.8	145 454	.7	19 097 215	.7	65	3.3	2 601	2.4	47 796	3.9
Scott	585	.9	114 405	.9	15 877 875	.9	60	3.7	1 521	3.8	25 221	3.1
Shelby	748	.8	151 012	.9	18 995 077	.9	62	3.4	1 055	4.9	18 718	4.7
Sioux	1 277	.7	221 167	.7	29 821 449	.7	290	1.4	15 016	1.3	246 669	1.4
Story	705	.8	153 984	.9	21 728 167	.9	36	4.1	1 428	2.3	24 063	2.7
Tama	794	.9	153 862	.9	20 175 618	.9	67	3.3	1 462	2.9	24 714	3.7
Taylor	402	1.3	55 711	1.3	6 284 662	1.3	25	5.6	632	4.1	7 792	4.8
Union	346	1.5	40 234	2.0	4 538 654	2.0	36	5.7	898	5.7	10 790	5.9
Van Buren	396	1.3	44 270	1.9	5 537 637	2.1	46	4.7	966	6.7	21 089	13.8
Wapello	331	1.3	48 851	1.5	6 408 454	1.6	21	6.5	555	5.9	9 618	5.3
Warren	541	1.2	69 439	1.3	9 036 378	1.4	66	3.9	1 430	3.4	22 524	3.3
Washington	731	.9	115 938	.9	15 924 901	1.0	74	3.5	1 307	4.3	20 954	4.2
Wayne	340	1.2	42 337	1.3	4 448 082	1.4	34	5.0	1 009	4.9	10 673	6.1
Webster	762	.7	183 897	.6	25 972 338	.6	35	4.9	916	6.5	16 210	7.1
Winnebago	438	.8	118 378	.8	16 976 038	.8	37	4.4	1 139	4.1	18 374	4.7
Winneshiek	964	.9	116 778	1.0	15 888 053	1.0	419	1.4	11 245	1.5	189 559	1.6
Woodbury	808	1.1	186 237	1.0	21 430 318	.9	117	2.7	4 170	3.9	66 556	5.0
Worth	433	.8	102 966	.9	14 324 472	.9	46	3.7	952	3.7	14 984	4.7
Wright	600	.6	162 707	.6	22 388 449	.6	10	5.9	518	11.7	5 054	6.2

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Selected crops harvested—Con.											
	Wheat for grain						Oats for grain					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)
Iowa	**719**	**1.2**	**22 123**	**1.8**	**905 333**	**2.0**	**10 823**	**.7**	**211 985**	**.7**	**14 293 977**	**.6**
Adair	1	32.3	(D)	(D)	(D)	(D)	122	2.5	2 923	2.7	164 436	2.8
Adams	5	12.9	105	18.4	3 457	23.8	62	3.4	1 729	4.3	114 992	4.5
Allamakee	4	18.1	36	26.1	1 959	25.3	293	1.6	7 492	2.0	463 530	1.8
Appanoose	7	10.7	174	11.3	7 270	10.3	33	4.8	586	5.4	34 128	5.5
Audubon	1	31.3	(D)	(D)	(D)	(D)	75	3.0	1 411	3.7	94 229	3.8
Benton	4	16.9	245	19.9	9 468	20.0	200	1.8	3 635	2.1	275 276	2.1
Black Hawk	–	–	–	–	–	–	68	2.8	1 229	2.7	87 181	2.9
Boone	2	13.0	(D)	(D)	(D)	(D)	59	3.1	1 224	5.0	91 400	5.2
Bremer	3	18.1	(D)	(D)	2 452	26.1	132	2.5	1 960	3.0	134 574	3.2
Buchanan	9	9.1	155	9.2	8 873	9.9	236	1.7	3 731	2.1	256 636	2.0
Buena Vista	–	–	–	–	–	–	89	2.3	1 448	2.7	124 509	2.3
Butler	4	9.5	272	5.6	6 825	6.7	136	1.9	2 416	1.7	169 730	1.7
Calhoun	1	–	(D)	(D)	(D)	(D)	64	3.6	885	3.4	73 896	3.6
Carroll	3	18.9	114	20.8	5 160	24.1	150	2.1	2 324	2.7	186 174	2.7
Cass	3	21.1	(D)	(D)	(D)	(D)	80	2.9	1 607	3.1	87 746	3.1
Cedar	13	4.5	327	6.3	15 297	6.8	145	2.0	2 171	2.2	162 322	2.2
Cerro Gordo	1	–	(D)	(D)	(D)	(D)	76	3.2	1 301	3.1	95 053	3.0
Cherokee	4	11.0	59	13.2	1 934	10.2	80	2.8	1 190	2.5	95 267	2.5
Chickasaw	3	21.0	57	21.7	1 725	21.7	154	2.3	2 482	3.0	163 057	3.1
Clarke	6	13.9	144	13.8	4 063	12.8	74	3.4	1 701	4.2	87 732	4.3
Clay	1	29.6	(D)	(D)	(D)	(D)	38	3.9	649	3.8	45 468	4.1
Clayton	7	10.9	272	15.9	12 890	19.3	474	1.2	10 503	1.6	667 379	1.5
Clinton	8	10.8	90	11.2	4 373	14.0	210	1.9	3 554	2.3	241 640	2.3
Crawford	4	15.1	87	8.9	3 000	10.4	124	2.6	2 235	3.3	156 987	3.5
Dallas	5	9.7	158	9.0	4 640	6.2	40	4.4	886	4.7	65 141	4.9
Davis	17	5.9	324	3.3	13 352	2.6	115	2.8	1 850	3.6	96 930	3.3
Decatur	6	8.9	218	5.5	7 134	4.8	31	4.5	752	4.7	40 269	4.5
Delaware	6	7.0	118	8.6	6 660	7.7	298	1.4	6 268	1.6	410 873	1.6
Des Moines	31	4.7	574	5.2	30 653	5.4	33	4.9	419	6.5	32 037	9.2
Dickinson	–	–	–	–	–	–	24	6.2	409	8.1	30 679	8.1
Dubuque	8	10.8	89	10.8	2 590	8.8	486	1.3	10 651	1.5	684 767	1.5
Emmet	1	40.5	(D)	(D)	(D)	(D)	28	4.5	360	6.6	23 537	5.6
Fayette	4	12.6	93	5.1	2 990	8.0	307	1.5	6 386	1.9	420 241	1.8
Floyd	3	12.8	85	12.5	6 000	12.2	82	2.6	1 728	4.1	116 203	3.9
Franklin	3	23.9	(D)	(D)	7 065	35.2	66	3.3	1 050	4.4	71 818	4.7
Fremont	14	6.6	372	7.2	12 973	7.1	7	11.6	97	11.7	6 224	11.1
Greene	2	23.3	(D)	(D)	(D)	(D)	47	3.7	652	4.2	48 736	4.1
Grundy	4	13.0	144	16.2	6 907	17.5	55	2.8	1 032	2.8	81 105	2.8
Guthrie	3	22.5	120	25.1	1 420	24.7	91	3.0	1 855	3.3	118 338	3.3
Hamilton	–	–	–	–	–	–	41	3.2	791	3.3	60 860	3.5
Hancock	–	–	–	–	–	–	66	2.8	887	3.8	61 818	3.6
Hardin	–	–	–	–	–	–	43	3.7	682	3.1	51 139	3.5
Harrison	12	8.8	474	8.4	16 546	9.3	31	5.8	477	5.8	32 574	5.7
Henry	14	6.1	599	2.9	31 766	2.4	64	3.2	995	4.0	73 738	4.2
Howard	5	15.8	206	26.8	10 735	34.1	165	2.2	3 137	2.6	215 038	2.6
Humboldt	–	–	–	–	–	–	33	4.2	440	5.9	34 905	5.2
Ida	–	–	–	–	–	–	64	4.0	1 175	4.5	86 328	5.0
Iowa	7	10.1	427	3.4	22 465	3.9	167	2.1	3 601	2.4	261 835	2.6
Jackson	12	7.3	387	3.6	14 020	3.6	370	1.4	8 205	1.6	531 135	1.6
Jasper	1	33.8	(D)	(D)	(D)	(D)	161	2.3	3 668	3.4	242 757	2.7
Jefferson	30	5.9	866	14.8	39 440	18.7	96	3.1	1 787	5.3	104 230	4.6
Johnson	25	6.0	1 116	9.3	57 974	7.5	249	1.8	5 060	2.2	346 153	2.2
Jones	1	–	(D)	(D)	(D)	(D)	185	1.8	4 069	2.4	239 383	2.2
Keokuk	12	7.0	273	11.7	13 949	10.3	99	3.2	2 121	3.5	137 785	3.6
Kossuth	–	–	–	–	–	–	125	2.1	1 667	2.2	126 349	2.2
Lee	90	3.0	2 057	3.2	102 235	3.6	57	4.4	783	5.3	49 481	7.2
Linn	10	10.9	412	15.1	17 663	16.6	211	1.9	3 903	2.7	273 494	3.0
Louisa	20	6.2	298	7.4	12 915	8.8	40	4.6	660	6.4	48 156	7.8
Lucas	4	14.4	311	14.0	8 480	14.7	70	3.5	1 599	5.0	97 986	5.5
Lyon	11	10.4	336	12.1	10 980	11.5	127	2.7	2 443	2.9	188 765	3.0
Madison	6	14.4	204	16.0	5 498	10.2	63	3.9	1 225	4.6	68 586	5.0
Mahaska	4	15.9	131	22.5	5 660	21.6	130	2.5	2 362	3.0	172 213	3.5
Marion	7	11.8	199	14.7	7 850	14.4	105	2.7	2 184	3.1	146 320	3.2
Marshall	5	12.2	46	12.1	1 855	13.3	52	3.6	963	4.1	69 749	4.3
Mills	14	7.8	588	9.2	19 193	10.3	18	7.6	374	9.0	24 397	9.0
Mitchell	1	31.9	(D)	(D)	(D)	(D)	154	2.2	3 355	2.5	255 537	2.5
Monona	7	11.7	457	27.8	12 282	27.0	38	4.7	1 001	8.4	70 362	8.9
Monroe	8	12.3	280	14.3	6 022	18.5	39	5.3	907	6.1	68 377	7.0
Montgomery	3	17.0	(D)	(D)	(D)	(D)	25	5.4	590	6.6	39 752	6.1
Muscatine	15	7.6	333	7.3	13 798	8.9	117	2.7	2 076	3.4	142 806	3.2
O'Brien	2	22.2	(D)	(D)	(D)	(D)	83	2.7	874	2.8	75 884	3.1
Osceola	2	20.5	(D)	(D)	(D)	(D)	54	3.8	859	4.0	71 130	4.1
Page	14	7.5	390	10.8	13 802	9.7	39	4.3	851	4.6	46 566	4.2
Palo Alto	–	–	–	–	–	–	53	3.1	1 051	5.1	76 188	4.6
Plymouth	2	24.9	(D)	(D)	(D)	(D)	180	2.1	3 820	2.5	278 996	1.9
Pocahontas	1	34.1	(D)	(D)	(D)	(D)	52	3.1	842	2.4	69 278	2.5
Polk	4	14.2	93	13.2	4 381	13.1	22	6.0	435	5.6	28 390	5.1
Pottawattamie	13	8.2	422	3.8	18 827	4.2	57	3.8	1 467	5.2	98 944	5.4
Poweshiek	4	13.0	70	13.4	2 460	12.5	165	2.1	3 609	2.6	246 498	2.7

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Selected crops harvested—Con.											
	Wheat for grain						Oats for grain					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)
Ringgold	8	11.0	273	12.8	6 082	11.9	70	3.4	1 971	3.7	106 689	4.1
Sac	3	15.6	143	13.9	5 708	21.2	110	2.5	1 980	3.2	139 693	3.5
Scott	8	10.4	149	12.1	7 029	11.9	116	2.5	1 613	3.0	135 561	2.8
Shelby	4	14.3	112	17.0	4 780	13.8	108	2.8	2 158	3.8	168 691	3.9
Sioux	13	5.3	374	4.8	17 243	5.2	123	2.6	2 329	3.3	190 048	3.3
Story	6	12.0	78	17.0	3 992	18.0	57	3.7	804	4.7	60 090	5.9
Tama	–	–	–	–	–	–	156	2.2	2 437	2.5	163 720	2.5
Taylor	17	7.8	616	7.8	19 209	12.6	52	3.9	1 428	4.0	73 925	4.1
Union	4	18.4	166	12.1	5 680	14.3	95	3.3	2 894	4.5	158 143	4.9
Van Buren	13	7.4	232	7.6	8 088	5.6	71	3.4	1 163	4.1	71 813	4.2
Wapello	11	8.5	199	9.8	8 940	10.4	48	4.6	1 113	10.1	91 043	9.8
Warren	4	16.9	88	22.7	2 234	24.7	75	3.7	1 261	4.3	74 212	4.5
Washington	33	5.0	973	16.9	44 799	19.3	150	2.4	2 492	2.8	176 073	3.0
Wayne	15	5.6	1 141	3.2	37 588	3.7	63	3.2	1 607	3.4	70 613	2.8
Webster	–	–	–	–	–	–	47	3.5	1 182	4.3	87 895	4.6
Winnebago	–	–	–	–	–	–	68	3.2	1 218	3.1	85 972	2.9
Winneshiek	5	15.2	541	9.1	(D)	(D)	436	1.4	9 128	2.0	569 231	1.9
Woodbury	6	13.3	342	20.2	11 210	18.1	77	3.5	1 616	3.7	113 371	3.9
Worth	2	20.4	(D)	(D)	(D)	(D)	78	2.6	1 384	4.7	92 260	4.1
Wright	–	–	–	–	–	–	29	3.5	431	2.7	30 812	2.8

Geographic area	Selected crops harvested—Con.											
	Soybeans for beans						Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Tons, dry	Relative standard error of estimate (percent)
Iowa	**56 436**	**.6**	**9 944 865**	**.5**	**445 574 589**	**.5**	**37 711**	**.6**	**1 575 777**	**.6**	**4 365 999**	**.6**
Adair	518	1.0	88 004	1.2	3 423 610	1.1	477	1.1	29 518	1.5	74 369	1.6
Adams	335	1.2	53 869	1.4	2 214 721	1.4	310	1.3	17 579	1.6	42 047	1.8
Allamakee	214	1.9	16 742	2.2	744 704	2.3	604	1.0	46 505	1.2	141 091	1.3
Appanoose	316	1.5	30 320	2.2	1 240 536	2.2	547	1.0	42 032	1.5	94 117	1.6
Audubon	465	.9	101 724	.9	4 468 600	.9	314	1.3	11 928	1.8	30 146	1.9
Benton	813	.8	155 595	.8	7 662 847	.8	531	1.0	16 617	1.4	50 271	1.4
Black Hawk	709	.7	111 781	.9	5 255 971	.9	298	1.4	7 482	2.1	22 096	2.6
Boone	625	.7	137 120	.8	6 009 155	.8	281	1.4	5 695	2.1	14 792	2.2
Bremer	647	.9	81 635	1.0	3 865 852	1.0	381	1.3	10 917	1.9	31 852	2.3
Buchanan	783	.8	112 669	.8	5 297 869	.8	459	1.2	11 177	1.7	30 585	1.8
Buena Vista	712	.6	150 291	.7	7 087 488	.7	209	1.6	3 976	2.2	12 090	2.2
Butler	767	.7	120 836	.7	5 310 971	.7	361	1.2	8 199	1.5	20 126	1.7
Calhoun	668	.8	153 275	.9	6 719 423	.9	172	2.2	3 051	2.8	6 843	3.1
Carroll	863	.7	138 727	.8	6 236 473	.8	390	1.2	9 929	2.0	29 525	2.3
Cass	562	.9	103 593	1.0	4 044 482	1.0	436	1.1	18 971	1.3	44 310	1.5
Cedar	640	.8	110 106	.9	5 564 544	.9	399	1.2	12 479	1.7	43 208	1.7
Cerro Gordo	579	.9	120 639	.9	5 196 050	.9	190	1.9	3 529	2.7	8 161	3.3
Cherokee	696	.7	124 329	.8	5 962 251	.8	329	1.3	8 698	1.7	21 682	1.8
Chickasaw	626	.9	92 579	1.0	4 130 167	1.0	397	1.3	12 699	2.1	35 786	2.3
Clarke	276	1.6	26 715	2.2	1 098 717	2.3	426	1.2	27 253	1.7	65 303	2.0
Clay	532	.7	120 511	.8	5 411 651	.8	184	1.8	5 110	2.8	10 164	2.7
Clayton	410	1.3	44 759	1.6	2 110 870	1.6	980	.8	62 403	1.1	194 102	1.1
Clinton	745	.9	99 452	1.0	4 969 010	1.0	494	1.1	16 826	1.7	52 120	1.8
Crawford	742	1.0	144 894	1.0	6 396 233	.9	529	1.2	17 750	1.6	50 206	1.8
Dallas	581	.8	126 449	.8	5 296 309	.8	330	1.2	9 022	1.8	25 600	2.3
Davis	345	1.5	38 409	2.0	1 702 630	1.9	585	1.0	38 475	1.5	89 751	1.6
Decatur	245	1.5	28 727	1.6	1 250 983	1.7	434	1.0	34 924	1.3	78 230	1.6
Delaware	634	.9	59 798	1.1	3 031 817	1.1	690	.9	33 361	1.1	104 823	1.2
Des Moines	417	1.0	65 171	1.3	3 156 027	1.3	239	1.6	6 693	2.3	19 458	2.4
Dickinson	366	.9	80 177	1.0	3 188 662	1.0	132	2.2	6 612	2.0	15 898	2.4
Dubuque	269	1.7	19 886	1.6	978 026	1.6	1 021	.9	67 863	1.0	222 645	1.1
Emmet	381	.8	88 909	.8	3 754 538	.9	98	2.4	2 189	3.8	5 078	4.1
Fayette	757	.9	106 567	.9	4 933 635	.9	626	1.0	30 546	1.3	98 313	1.3
Floyd	606	.7	116 055	.8	5 016 295	.8	270	1.4	6 496	2.0	14 717	2.3
Franklin	666	.8	136 722	.8	5 543 406	.8	187	2.0	4 558	2.5	10 549	3.0
Fremont	435	.9	116 362	.8	4 914 240	.8	212	1.6	6 173	2.3	16 964	2.2
Greene	614	.8	146 025	.8	6 527 512	.9	201	1.8	5 243	2.1	14 222	2.1
Grundy	604	.6	133 983	.6	6 594 050	.7	209	1.5	4 261	1.6	12 535	1.7
Guthrie	509	1.1	86 225	1.2	3 411 149	1.3	391	1.3	15 548	1.9	35 890	2.0
Hamilton	625	.6	149 441	.6	6 576 120	.5	153	1.8	2 839	2.7	6 699	2.7
Hancock	680	.6	136 208	.7	5 650 708	.7	194	1.7	3 775	2.4	9 619	3.0
Hardin	637	.8	135 692	.7	5 989 969	.7	206	1.8	4 441	2.1	12 100	2.2
Harrison	621	1.0	143 116	1.0	6 050 247	.9	332	1.6	9 972	2.0	29 367	2.0
Henry	483	.9	70 786	1.2	3 378 591	1.2	326	1.3	10 114	2.1	25 993	2.3
Howard	557	.9	92 922	1.0	4 004 292	.9	355	1.4	13 389	1.8	36 346	2.1
Humboldt	498	.8	117 554	.8	5 297 769	.8	107	2.5	1 983	3.1	4 955	2.9
Ida	466	1.3	91 543	1.3	4 130 035	1.3	247	1.9	8 205	2.4	24 329	2.4
Iowa	573	.9	76 935	1.0	3 789 169	1.0	453	1.1	20 944	1.6	64 559	1.9
Jackson	271	1.7	18 686	2.0	905 042	2.0	779	.9	49 004	1.2	160 275	1.3

See footnotes at end of table.

Table F. **Reliability Estimates for the State and County Totals: 1997**—Con.

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

Geographic area	Selected crops harvested—Con.											
	Soybeans for beans						Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)					
	Farms		Acres		Quantity		Farms		Acres		Quantity	
	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Bushels	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Number	Relative standard error of estimate (percent)	Tons, dry	Relative standard error of estimate (percent)
Jasper	790	.9	138 711	.9	6 745 742	.9	574	1.1	21 078	1.5	69 462	1.6
Jefferson	403	1.3	62 066	1.5	2 764 056	1.5	357	1.4	13 924	2.2	35 237	2.7
Johnson	629	1.0	76 018	1.2	3 596 929	1.2	634	1.0	23 739	1.4	72 724	1.5
Jones	553	.9	70 527	1.1	3 504 748	1.1	534	.9	24 448	1.3	77 258	1.3
Keokuk	550	1.1	80 464	1.3	3 972 982	1.3	374	1.4	15 280	2.0	47 276	2.0
Kossuth	1 172	.6	242 432	.6	10 333 066	.6	225	1.7	5 278	2.7	10 820	2.6
Lee	458	1.1	63 556	1.4	3 053 380	1.4	415	1.3	16 084	1.8	46 121	1.9
Linn	790	.8	105 898	.9	4 948 400	1.0	648	1.0	18 870	1.4	52 697	1.5
Louisa	372	1.0	65 965	1.2	2 957 729	1.2	183	1.9	4 447	2.9	13 560	3.5
Lucas	242	1.7	24 159	2.4	1 052 973	2.2	444	1.1	29 048	1.7	73 960	2.0
Lyon	837	1.1	134 236	1.1	6 032 759	1.1	457	1.4	11 619	1.7	34 013	2.0
Madison	533	1.2	67 246	1.4	2 764 953	1.4	583	1.1	26 757	1.5	64 629	1.6
Mahaska	643	.9	94 723	1.0	4 584 281	1.0	432	1.2	15 911	1.6	50 351	1.8
Marion	521	1.1	71 549	1.2	3 205 697	1.2	495	1.2	22 706	1.7	58 528	2.1
Marshall	616	.8	120 612	.9	5 965 650	1.0	299	1.4	8 873	1.8	27 084	2.1
Mills	369	1.1	89 756	1.2	3 761 142	1.3	192	2.0	5 470	2.7	15 654	2.8
Mitchell	586	.9	92 807	1.0	4 202 974	1.0	262	1.6	8 439	2.3	20 915	2.3
Monona	486	1.0	123 734	.9	5 018 939	.9	219	1.9	8 812	2.5	25 170	2.7
Monroe	310	1.7	26 580	2.6	1 164 628	2.7	478	1.2	28 845	1.8	77 593	2.0
Montgomery	397	.9	79 948	1.0	3 481 395	1.0	291	1.3	11 540	1.7	29 678	1.6
Muscatine	462	1.1	69 398	1.3	3 169 940	1.3	331	1.4	10 183	1.9	31 493	2.1
O'Brien	830	.7	155 109	.8	7 274 306	.8	262	1.6	5 279	2.9	13 691	3.4
Osceola	539	.9	104 755	1.0	4 385 453	1.0	151	2.3	3 363	2.3	7 758	2.4
Page	557	.9	96 650	1.0	4 262 924	1.0	443	1.1	17 790	1.5	47 591	1.7
Palo Alto	633	.7	138 121	.8	6 024 714	.8	153	2.0	3 468	3.3	7 722	3.0
Plymouth	1 050	.8	183 410	.8	8 177 213	.8	526	1.2	15 857	1.6	41 539	1.8
Pocahontas	698	.7	164 947	.8	7 554 633	.8	136	2.3	2 115	2.9	4 636	2.8
Polk	448	1.1	87 971	1.0	4 004 990	1.0	241	1.8	6 972	3.7	16 409	3.1
Pottawattamie	923	.9	201 459	.8	8 771 176	.8	567	1.2	16 109	1.6	46 271	1.8
Poweshiek	584	.9	97 123	1.0	4 615 495	1.0	488	1.1	24 242	1.3	75 394	1.4
Ringgold	344	1.4	42 564	1.6	1 709 042	1.6	410	1.2	32 329	1.6	72 991	1.8
Sac	642	.8	141 008	.7	6 521 868	.7	259	1.6	7 289	1.9	20 305	2.3
Scott	522	1.0	70 605	1.1	3 635 063	1.1	303	1.5	7 618	2.1	23 455	2.2
Shelby	716	.9	124 143	1.0	5 783 806	1.0	407	1.3	12 260	2.3	36 632	2.5
Sioux	1 213	.7	183 844	.8	8 786 442	.8	485	1.2	13 090	1.6	38 891	1.6
Story	688	.8	145 726	.8	6 578 229	.8	264	1.5	5 459	1.9	16 024	2.1
Tama	738	.9	130 656	1.0	6 185 159	1.0	493	1.2	16 290	1.6	51 012	1.8
Taylor	440	1.2	70 062	1.2	2 725 607	1.3	388	1.3	21 584	1.7	51 419	2.0
Union	303	1.6	40 063	2.1	1 636 565	2.1	403	1.3	25 525	1.8	57 426	2.0
Van Buren	365	1.4	44 647	1.9	2 043 426	2.0	475	1.2	25 354	1.9	64 850	2.3
Wapello	320	1.4	51 014	1.5	2 332 218	1.5	420	1.2	18 609	1.8	44 351	2.1
Warren	544	1.2	67 793	1.3	2 935 310	1.4	675	1.0	27 207	1.6	75 368	1.9
Washington	678	.9	101 882	1.0	4 928 949	1.0	438	1.3	13 534	1.9	38 502	1.8
Wayne	343	1.2	47 379	1.3	1 851 706	1.3	477	.9	39 231	1.2	92 896	1.4
Webster	773	.7	186 828	.7	8 373 468	.7	176	2.0	3 113	3.1	9 181	4.0
Winnebago	420	.8	90 667	.8	3 844 415	.8	124	2.2	3 609	2.8	8 814	3.8
Winneshiek	556	1.3	46 832	1.4	2 097 700	1.4	884	.9	50 154	1.2	159 400	1.3
Woodbury	753	1.1	162 550	.9	6 467 355	.9	458	1.4	14 289	1.8	32 559	1.9
Worth	431	.8	89 667	1.0	3 862 387	1.0	184	1.7	3 571	2.8	8 037	3.0
Wright	583	.6	154 492	.6	6 429 191	.6	119	2.1	2 163	3.4	4 745	2.2

[1]Data are based on a sample of farms.

Table G. **Coverage Estimates: 1997**

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

Item	Census total	Coverage total[1]	Adjusted census		Coverage adjustment (percent)
			Total	Relative standard error (percent)	
Farms ..... number	90 792	5 905	96 697	1.4	6.1
Land in farms ..... acres	31 166 699	458 768	31 625 467	1.2	1.5
Average size of farm ..... acres	343	78	327	(X)	(X)
Farms by size of farm:					
Less than 10 acres	5 049	832	5 881	8.3	14.1
10 to 49 acres	11 580	1 527	13 107	5.3	11.7
50 to 179 acres	24 525	1 909	26 434	2.4	7.2
180 acres or more	49 638	1 637	51 275	1.2	3.2
Farms by value of sales:					
Less than $2,500	13 191	3 436	16 627	4.7	20.7
$2,500 to $9,999	10 455	736	11 191	4.2	6.6
$10,000 or more	67 146	1 733	68 879	1.1	2.5
Market value of agricultural products sold $1,000	11 947 894	63 422	12 011 315	1.2	.5
Farms by type of organization:					
Individual or family	75 880	5 708	81 588	1.5	7.0
Partnership, corporation, or other	14 912	197	15 109	2.3	1.3
Farms by tenure of operator:					
Full owners	42 902	4 198	47 100	2.3	8.9
Part owners	32 996	575	33 571	1.2	1.7
Tenants	14 894	1 132	16 026	2.9	7.1
Operators by place of residence:					
On farm operated	66 661	4 390	71 051	1.4	6.2
Not on farm operated	19 439	1 046	20 485	2.8	5.1
Not reported	4 692	469	5 161	6.9	9.1
Operators by principal occupation:					
Farming	56 256	1 454	57 710	1.2	2.5
Other	34 536	4 451	38 987	2.7	11.4
Operators by sex:					
Male	86 174	5 491	91 665	1.4	6.0
Female	4 618	414	5 032	6.5	8.2
Operators by race:					
White	90 669	5 867	96 536	1.4	6.1
Black and other races	123	38	161	126.1	23.6
Operators by years on present farm:					
4 years or less	7 792	1 672	9 464	4.8	17.7
5 years or more	71 143	3 158	74 301	1.1	4.3
Not reported	11 857	1 075	12 932	5.8	8.3

[1] See text in Appendix C regarding coverage estimates.

Appendix D.
Report Forms and Information Sheets

The report forms and information sheets are shown on the following pages.

DUE BY FEBRUARY 2, 1998

OMB No. 0535-0226: Approval Expires 11/30/99

FORM **97-A0202**
(10-29-96)

U.S. DEPARTMENT OF AGRICULTURE
NATIONAL AGRICULTURAL STATISTICS SERVICE

AG CENSUS USA

UNITED STATES CENSUS OF AGRICULTURE

Conducted in cooperation with:
U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

CENSUS USE ONLY	
035	036
037	038

Please return your completed report to:

CENSUS OF AGRICULTURE
1201 East 10th Street
Jeffersonville, IN 47131-1700

- **Use reasonable estimates –** If records are not available.
- **Time extension –** Send request to the above address.
- **Correspondence –** Include 12-character Census File Number (CFN) found on address label.

NOTICE – Response to this inquiry is required by law (Title 7, U.S. Code). By the same law, YOUR REPORT IS CONFIDENTIAL and it will only be used 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.

97-A0202

Please correct errors in name, address, and ZIP Code. ENTER street and number if not shown.

- **Duplicate forms –** If you received extra report forms for the same farming or ranching operation, enter the CFN(s) printed in the label of those extra forms in the boxes provided and return them with your completed report.

A _____ – _____

A _____ – _____

SECTION 1

ACREAGE IN 1997 – 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.*

S1

If the acres you operated in 1997 changed during the year, refer to the INFORMATION SHEET, section 1.

	None	Number of acres
1. All land owned →	☐	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 or animal unit month (AUM) basis under a grazing permit.)* →	☐	044
3. All land rented or leased TO OTHERS, including land worked on shares by others and land subleased →	☐	045
4. Acres in "THIS PLACE" for this census report – *ADD item 1 and item 2, then SUBTRACT item 3.* →		046

If the entry is zero, please refer to the INFORMATION SHEET, section 1.

	None	Number of landlords
5. How many landlords did you have? →	☐	065

	Number of acres
6. How many of the acres rented or leased TO OTHERS did you own? → ☐	053

7. Mark (X) all grazing permits used on a per-head or AUM basis. → None 054 ☐

1 ☐ Forest Service | 2 ☐ Taylor Grazing, Sec. 3 (BLM) | 3 ☐ Indian Land | 4 ☐ Other – *Specify* _____

8. LOCATION OF AGRICULTURAL ACTIVITY FOR "THIS PLACE"

	County name	State	Number of acres
a. In what county was the largest value of your agricultural products raised or produced? → Principal county →			056
b. If you also had agricultural operations in any other county(ies), enter the county name(s), etc. → Other counties			057
			058
			059

PENALTY FOR FAILURE TO REPORT

CONTINUE ON PAGE 2 →

SECTION 2 — Were any of the following CROPS harvested from "THIS PLACE" in 1997? *(DO NOT include crops grown on land rented TO OTHERS.)*

S2

	None	Acres harvested	Quantity harvested	Acres irrigated
1. Corn (field) for grain or seed *(Report quantity on a dry shelled-weight basis.)*	☐	067	068 Bu.	069
2. Corn (field) for silage or green chop	☐	070	071 Tons, green	072
3. Soybeans for beans	☐	088	089 Bu.	090
4. Dry edible beans – pinto, great northern, etc.	☐	554	555 Cwt.	556
5. Wheat for grain	☐	545	546 Bu.	547
6. Oats for grain	☐	076	077 Bu.	078
7. Barley for grain	☐	079	080 Bu.	081
8. Rye for grain	☐	686	687 Bu.	688
9. Sorghum for grain or seed, including milo	☐	082	083 Bu. OR 1 Cwt.	084
10. Sorghum for silage or green chop *(DO NOT include sorghum-sudan crosses.)*	☐	085	086 Tons, green	087
11. Popcorn	☐	662	663 Lbs., shelled	664
12. Tobacco – all types	☐	094 /10	095 Lbs.	096 /10
13. Potatoes *(DO NOT include sweetpotatoes.)*	☐	097 /10	098 Cwt.	099 /10

SECTION 3 — Was any DRY HAY, GRASS SILAGE, HAYLAGE, or GREEN CHOP cut or harvested from "THIS PLACE" in 1997? *Include sorghum-sudan crosses and hay cut from pastures.*

S3 1 ☐ YES – ***Complete this section*** 2 ☐ NO – *Go to section 4*

When both dry hay (items 1–4) and grass silage, etc. (item 5) were cut or harvested from the same acres, report acres for each type.

If two or more cuttings were made from the same acres, report acres for that item only once, but report quantity harvested from all cuttings.

	None	Acres harvested	Quantity harvested	Acres irrigated
1. Alfalfa and alfalfa mixtures for dry hay	☐	103	104 Tons, dry	105
2. Small grain dry hay – oats, wheat, barley, rye, etc.	☐	106	107 Tons, dry	108
3. Other tame dry hay – clover, lespedeza, timothy, bromegrass, Sudangrass, millet, etc.	☐	109	110 Tons, dry	111
4. Wild dry hay	☐	112	113 Tons, dry	114
5. Grass silage, haylage, and green chop	☐	115	116 Tons, green	117

SECTION 4 — Were any NURSERY and GREENHOUSE CROPS, including MUSHROOMS, SOD, or CHRISTMAS TREES, GROWN FOR SALE on "THIS PLACE" in 1997? *Include bulbs, flowers, flower seeds, vegetable seeds and plants, or vegetables under glass or other protection.*

S4 1 ☐ YES – ***Complete this section*** 2 ☐ NO – *Go to section 5*

	None	Area irrigated: Square feet	Acres	Tenths
1. Nursery and greenhouse crops irrigated in 1997	☐	477	478	/10

2. From the list below, enter the crop name and code for each crop grown.

Report herbs, fresh cut, grown under glass or other protection as greenhouse produced vegetables.

If more space is needed, use a separate sheet of paper.

Crop name	Code	Square feet under glass or other protection in 1997	Acres in the open in 1997: Whole acres	Tenths	Sales in 1997: Dollars	Cents
			1 /10		2 $	00
			1 /10		2 $	00
			1 /10		2 $	00

Crop name	Code	Crop name	Code	Crop name	Code
Bedding/Garden plants – annuals, herbaceous perennials, and vegetable plants	**479**	**Foliage plants**	**707**	**Potted flowering plants**	**710**
Bulbs, corms, rhizomes, and tubers – dry	**482**	**Greenhouse produced vegetables**	**503**	**Sod harvested**	**497**
Cut Christmas trees harvested	**491**	**Mushrooms – report growing area**	**494**	**Vegetable and flower seeds**	**500**
Cut flowers and cut florist greens	**485**	**Nursery crops – ornamentals, shrubs, fruit and nut trees, and vines**	**488**	**Other nursery and greenhouse –** *Specify*	**506**

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SECTION 5

Were any VEGETABLES, SWEET CORN, MELONS, etc., harvested FOR SALE from "THIS PLACE" in 1997? ***(DO NOT include those grown for home use.)***

S5 1 ☐ YES – ***Complete this section*** 2 ☐ NO – *Go to section 6*

Acres		Acres irrigated	
Whole acres	Tenths	Whole acres	Tenths
375	/10	376	/10

1. Land from which vegetables were harvested in 1997 →

2. For those crops not listed, enter the crop name and code from the list below for each crop harvested in 1997. →

If more than one vegetable crop was harvested from the same acres, report acres for each crop. Report crops grown under protection in section 4.

If more space is needed, use a separate sheet of paper.

Crop name	Code	Acres harvested		Acres irrigated	
		Whole acres	Tenths	Whole acres	Tenths
Sweet corn	**461**		/10	462	/10
Tomatoes	**463**		/10	464	/10
			/10	1	/10
			/10	1	/10
			/10	1	/10
			/10	1	/10

Crop name	Code	Crop name	Code	Crop name	Code	Crop name	Code	Crop name	Code
Asparagus	**379**	**Carrots**	**397**	**Honeydew melons**	**423**	**Okra**	**437**	**Rhubarb**	**453**
Beans, snap (bush and pole)	**381**	**Cauliflower**	**399**	**Kale**	**425**	**Parsley**	**439**	**Spinach**	**457**
Beets	**383**	**Celery**	**401**	**Lettuce and romaine**	**427**	**Peas, green**	**441**	**Squash**	**459**
Broccoli	**385**	**Collards**	**407**	**Lima beans, green**	**429**	**Peppers, sweet**	**443**	**Turnips**	**465**
Cabbage, head	**391**	**Cucumbers and pickles**	**411**	**Mustard greens**	**431**	**Peppers, hot**	**445**	**Turnip greens**	**467**
Cantaloups and muskmelons	**395**	**Eggplant**	**415**	**Onions, dry**	**433**	**Pumpkins**	**449**	**Watermelons**	**473**
		Herbs, fresh cut	**455**	**Onions, green**	**435**	**Radishes**	**451**	**Other vegetables** – *Specify*	**475**

SECTION 6

Were any STRAWBERRIES or OTHER BERRIES harvested FOR SALE from "THIS PLACE" in 1997? ***(DO NOT include those grown for home use.)***

S6 1 ☐ YES – ***Complete this section***

2 ☐ NO – *Go to section 7*

If more space is needed, use a separate sheet of paper.

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

SECTION 7

Were any OTHER CROPS harvested from "THIS PLACE" in 1997 – small grains, field seeds, sugar beets, sunflowers, mint, maples tapped, or other crops not previously reported? ***Report FRUIT in section 8. (DO NOT include crops grown on land rented TO OTHERS.)***

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.* →

If more space is needed, use a separate sheet of paper.

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
			1	2
			1	2
			1	2

Crop name	Code	Crop name	Code	Crop name	Code	Crop name	Code
Bromegrass seed (pounds)	**569**	**Cotton (bales)**	**091**	**Maple trees tapped (number of taps)**	**799**	**Timothy seed (pounds)**	**746**
Buckwheat (bushels)	**575**	**Emmer and spelt (bushels)**	**599**	**Redtop seed (pounds)**	**674**	**Triticale (bushels)**	**749**
Canola (pounds)	**614**	**Fescue seed (pounds)**	**602**	**Sorghum hogged or grazed** *(Report acres only)*	**701**	**Vetch seed (pounds)**	**755**
Corn cut for dry fodder, hogged or grazed *(Report acres only.)*	**581**	**Ginseng (pounds)**	**767**	**Sweetclover seed (pounds)**	**737**	**Other crops (pounds)** – *Specify*	**752**
		Lespedeza seed (pounds)	**638**				

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CONTINUE ON PAGE 4 →

SECTION 8

Was there a combined total of 20 or more FRUIT or NUT TREES, including GRAPEVINES, on "THIS PLACE" in 1997?

S8 1 ☐ YES – ***Complete this section*** 2 ☐ NO – *Go to section 9*

Total acres		Acres irrigated	
Whole acres	Tenths	Whole acres	Tenths
121	/10	122	/10

1. TOTAL ACRES in bearing and nonbearing fruit orchards, vineyards, and nut trees on this place. *(DO NOT include abandoned acres.)* →

2. For those crops not listed, enter the name and code from the list below for other fruit or nut trees on this place in 1997. *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 nonbearing age trees or vines	Number of bearing age trees or vines	Acres in trees and vines of all ages		Quantity harvested	Unit of measure *Mark (X) one*			
				Whole acres	Tenths		Lbs.	Tons	Boxes or bins	Lbs. per box/bin
Apples	**123**		124	125	/10	126	127 1☐	2☐	3☐	128
Peaches	**225**		226	227	/10	228	229 1☐	2☐	3☐	230
Grapes	**177**		178	179	/10	180	181 1☐	2☐	3☐	182
			1	2	/10	3	4 1☐	2☐	3☐	5
			1	2	/10	3	4 1☐	2☐	3☐	5
			1	2	/10	3	4 1☐	2☐	3☐	5

If more space is needed, use a separate sheet of paper.

Crop name	Code	Crop name	Code	Crop name	Code	Crop name	Code
Apricots	**129**	**Nectarines**	**201**	**Persimmons**	**237**	**Pecans**	**339**
Cherries	**047**	**Pears**	**231**	**Plums and prunes**	**243**	**Other fruit and nuts** – *Specify*	**369**

SECTION 9

GROSS VALUE of CROPS SOLD from "THIS PLACE" in 1997, BEFORE taxes and expenses.
Refer to the INFORMATION SHEET, section 9.

S9

Report your best estimate of the value for each of the following groups of crops sold from this place in 1997. 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 1997			
a. Corn for grain →	☐	773 $	00
b. Wheat →	☐	774 $	00
c. Soybeans →	☐	775 $	00
d. Sorghum for grain →	☐	776 $	00
e. Barley →	☐	777 $	00
f. Oats →	☐	778 $	00
g. Other – rye, dry edible beans, sunflower seed, popcorn, proso millet, canola, etc. →	☐	779 $	00
2. Cotton and cottonseed →	☐	780 $	00
3. Tobacco →	☐	781 $	00
4. Hay, silage, field seeds, and grass seeds →	☐	782 $	00
5. Vegetables, sweet corn, and melons *(DO NOT include potatoes and sweetpotatoes; report them in item 7 below.)* →	☐	783 $	00
6. Fruits, nuts, and berries – apples, peaches, strawberries, etc. →	☐	784 $	00
7. Other crops – potatoes, mint for oil, sugar beets, maple products, etc. *(DO NOT include nursery and greenhouse crops.)* – *Specify* ↙ _____	☐	785 $	00

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SECTION 10 Report how the ACRES in this place were USED in 1997.

S10 **Any land used for more than one of the following purposes should be reported only once. Report that land in the first listed item that applies. For example: Land that was both pastured (item 1b) and harvested (item 1a) should be reported only in cropland harvested. *(DO NOT include land rented TO OTHERS.)***

	None	Number of acres
1. Cropland		
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.* →	☐	787
b. Cropland used only for pasture or grazing – *Include rotation pasture and grazing land that could have been used for crops without additional improvements.* →	☐	788
c. Cropland used for cover crops, legumes, and soil-improvement grasses, but NOT harvested and NOT pastured →	☐	789
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 1a.)* →	☐	790
e. Cropland in cultivated summer fallow →	☐	791
f. Cropland idle →	☐	793
2. Woodland – *Include all woodlots and timber tracts and cutover and deforested land with young timber growth.* **a.** Woodland pastured →	☐	794
b. Woodland not pastured →	☐	795
3. Other pastureland and rangeland – *Include any pastureland other than cropland and woodland pastured.* →	☐	796
4. All other land – Land in house lots, ponds, roads, wasteland, etc. – *Include any land not reported in items 1 through 3 above.* →	☐	797
5. TOTAL ACRES – *Add the acres reported in items 1 through 4. (Should be the same as section 1, item 4.)* →		798

SECTION 11 Was any LAND IRRIGATED in this place in 1997?

Irrigated land is all land watered by sprinklers, flooding, ditches or furrows, drip or trickle irrigation, etc. Include supplemental, partial, or preplant irrigation.

S11 1 ☐ YES – ***Complete this section*** 2 ☐ NO – *Go to section 12*

	None	Number of acres irrigated
1. Acres of harvested land irrigated – *Include land from which hay was cut and land in bearing and nonbearing fruit and nut crops.* →	☐	680
2. Acres of pastureland, rangeland, and other land irrigated →	☐	681

SECTION 12 Were any ACRES in this place in the Conservation Reserve Program (CRP) or Wetlands Reserve Program (WRP) in 1997?

S12 1 ☐ YES – ***Complete this section*** 2 ☐ NO – *Go to section 13*

	None	Number of acres
1. Acres under the Conservation Reserve Program or Wetlands Reserve Program (CRP or WRP) →	☐	683

CONTINUE ON PAGE 6 →

SECTION 13 Did you or anyone else have any CATTLE or CALVES, including DAIRY CATTLE, on this place in 1997?

S13 1 ☐ YES – ***Complete this section*** 2 ☐ NO – *Go to section 14*

- **DECEMBER 31, 1997 INVENTORY**

	None	INVENTORY – Number on this place Dec. 31, 1997
1. CATTLE and CALVES of all ages (Total of a, b, c, and d below.)	☐	803 Total
a. BEEF COWS – *Include beef heifers that had calved.*	☐	804 Beef cows
b. MILK COWS kept for production of milk – *Include dry milk cows and milk heifers that had calved.*	☐	805 Milk cows
c. HEIFERS and HEIFER CALVES *(DO NOT include heifers that had calved.)*	☐	806 Heifers and heifer calves
d. STEERS, STEER CALVES, BULLS, and BULL CALVES	☐	807 Steers and bulls of all ages

- **CATTLE AND CALVES SOLD FROM THIS PLACE IN 1997 –** *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 1997	Gross value of sales Dollars	Gross value of sales Cents
2. CALVES weighing less than 500 pounds	☐	808	809 $	00
3. CATTLE, including calves weighing 500 pounds or more	☐	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?	☐	812	813 $	00

- **MILK AND DAIRY PRODUCTS SOLD FROM THIS PLACE IN 1997**

	None	DAIRY PRODUCTS Gross value of sales Dollars	Cents
4. Gross value of MILK and DAIRY PRODUCTS sold from this place in 1997 – *Include cream, butter, etc.*	☐	814 $	00

SECTION 14 Did you or anyone else have any HOGS or PIGS on this place in 1997?

Include those grown for others on a contract basis.

S14 1 ☐ YES – ***Complete this section*** 2 ☐ NO – *Go to section 15*

- **DECEMBER 31, 1997 INVENTORY**

	None	INVENTORY — Number on this place Dec. 31, 1997
1. HOGS and PIGS of all ages (Total of a and b below.)	☐	815 Total
a. HOGS and PIGS used or to be used for BREEDING	☐	816 Breeding
b. OTHER HOGS and PIGS	☐	817 Other

- **LITTERS FARROWED**

	None	Number of litters
2. LITTERS FARROWED on this place between –		
a. December 1, 1996 and May 31, 1997	☐	818
b. June 1, 1997 and November 30, 1997	☐	819

- **HOGS AND PIGS SOLD**

	None	Number sold in 1997	Gross value of sales Dollars	Gross value of sales Cents
3. HOGS and PIGS SOLD from this place in 1997, including feeder pigs	☐	820	821 $	00
a. FEEDER PIGS sold from this place for further feeding	☐	822	823 $	00

SECTION 15 Did you or anyone else have any SHEEP or LAMBS on this place in 1997?

S15 1 ☐ YES – ***Complete this section*** 2 ☐ NO – *Go to section 16*

	None	INVENTORY — Number on this place Dec. 31, 1997	NUMBER SOLD in 1997
1. SHEEP and LAMBS of all ages	☐	824	825
a. EWES 1 year old or older	☐	826	

	None	Number shorn in 1997	Pounds of wool shorn in 1997
2. SHEEP and LAMBS SHORN	☐	827	828

	None	Gross value of sales Dollars	Gross value of sales Cents
3. Gross value of SHEEP, LAMBS, and WOOL sold from this place in 1997	☐	829 $	00

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SECTION 16

Did you or anyone else have any POULTRY such as CHICKENS, TURKEYS, DUCKS, etc., on this place in 1997? *Include poultry grown for others on a contract basis.*

S16 1 ☐ YES – ***Complete this section*** 2 ☐ NO – *Go to section 17*

	None	INVENTORY Number on this place Dec. 31, 1997	Total number sold in 1997
1. LAYERS 20 weeks old and older →	☐	892	893
2. PULLETS for laying flock replacement			
a. PULLETS 13 weeks old to 19 weeks old →	☐	894	895
b. PULLET CHICKS and PULLETS less than 13 weeks old *(DO NOT include commercial broilers.)* →	☐	896	
3. BROILERS, fryers, and other meat-type chickens, including capons and roasters →	☐	898	899
4. TURKEYS			
a. Turkeys for slaughter *(DO NOT include breeders.)* →	☐	900	901
b. Turkey HENS kept for breeding →	☐	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.)*			1
Poultry name _____ Code _____			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**

	None	Number
6. POULTRY HATCHED on this place in 1997 and placed or sold – chickens, turkeys, ducks, etc. – *Specify kind of poultry* _____	☐	916
7. Incubator egg capacity on December 31, 1997 →	☐	917

	None	Gross value of sales	
		Dollars	Cents
8. Gross value of poultry and poultry products (eggs, etc.) sold from this place in 1997 →	☐	918 $	00

SECTION 17

Did you or anyone else have any HORSES, BEES, FISH, GOATS, OTHER LIVESTOCK, or ANIMAL SPECIALTIES on this place in 1997?

S17 1 ☐ YES – ***Complete this section***

2 ☐ NO – *Go to section 18*

	None	INVENTORY – Number on this place Dec. 31, 1997	Total quantity sold in 1997	Gross value of sales Dollars	Cents
1. Horses and ponies of all ages →	☐	830	831 Number	832 $	00
2. Colonies of bees →	☐	839	840 Number 841 Pounds honey	842 $	00
3. Milk goats →	☐	843	844 Number 845 Gallons milk	846 $	00
4. Angora goats →	☐	847	848 Number 849 Pounds mohair	850 $	00
5. Other goats →	☐	851	852 Number	853 $	00
6. Mules, burros, and donkeys →	☐	833	834 Number	835 $	00
7. Mink and their pelts →	☐	836	837 Number	838 $	00
8. Rabbits and their pelts →	☐	854	855 Number	856 $	00
9. All other livestock and livestock products – *Specify* _____		857	858 Number	859 $	00

10. Fish and other aquaculture products *(Enter name and code from the list below.)*

Name _____ Code _____

Name	Code	Name	Code
Catfish	**860**	**Other fish –** *Specify*	**866**
Trout	**863**	**Crawfish**	**875**
Hybrid striped bass	**872**	**Other aquaculture products –** *Specify*	**869**

Total quantity sold in 1997	Gross value of sales Dollars	Cents
1 Pounds – OR – Number	2 $	00

If additional space is needed, use a separate sheet of paper.

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SECTION 18 GOVERNMENT CCC LOANS – *Include regular and reserve loans, even if redeemed or forfeited.*

S18

	None	Dollars	Cents
1. Amount received in 1997 from Government CCC loans for –			
a. Corn	☐	886 $	00
b. Wheat	☐	887 $	00
c. Soybeans	☐	888 $	00
d. Sorghum, barley, and oats	☐	889 $	00
e. Cotton	☐	890 $	00
f. Sunflower seed, flaxseed, safflower, canola, other rapeseed, and mustard seed	☐	897 $	00
g. Peanuts, rice, and tobacco	☐	891 $	00

SECTION 19 Payments received for participation in FEDERAL FARM PROGRAMS in 1997 *(DO NOT include CCC loans.) Refer to the INFORMATION SHEET, section 19.*

S19

	None	Dollars	Cents
1. Total amount received for participation in FEDERAL FARM PROGRAMS	☐	684 $	00
a. Of the total amount, how much was received for participation in the Conservation Reserve Program and Wetlands Reserve Program (CRP and WRP)?	☐	685 $	00

SECTION 20 During 1997 did you grow or raise any crops, livestock, poultry, or their products that were sold DIRECTLY to individual consumers for HUMAN CONSUMPTION – roadside stands, farmers markets, pick your own, door to door, etc.?

S20 1 ☐ YES – ***Complete this section*** 2 ☐ NO – *Go to section 21*

	None	Dollars	Cents
1. Gross value of these direct sales	☐	920 $	00

2. Specify what was sold directly – vegetables, eggs, etc. _____

SECTION 21 Was any COMMERCIAL FERTILIZER, including ROCK PHOSPHATE and GYPSUM, used on this place in 1997? *(DO NOT include lime.)*

S21 1 ☐ YES – ***Complete this section*** 2 ☐ NO – *Go to section 22*

	None	Acres fertilized
1. Acres of cropland fertilized in 1997 *(DO NOT include cropland for pastures.)*	☐	932
2. Acres of pastureland and rangeland fertilized in 1997, including cropland pastured	☐	933

SECTION 22 Were any INSECTICIDES, HERBICIDES, FUNGICIDES, NEMATICIDES, OTHER PESTICIDES, or OTHER CHEMICALS used on this place in 1997? *Include items such as sprays, dusts, granules, fumigants, etc.*

S22 1 ☐ YES – ***Complete this section*** 2 ☐ NO – *Go to section 23*

The same acres can be reported in more than one item below; however, DO NOT report acres more than once for an individual item, regardless of the number of applications.

	None	Acres on which used
1. Report acres treated to control –		
a. Insects on crops, including hay	☐	936
b. Nematodes in crops	☐	937
c. Diseases in crops and orchards (blights, smuts, rusts, etc.)	☐	938
d. Weeds, grass, or **brush** in crops and pasture – *Include both pre-emergence and post emergence.*	☐	939
2. Report acres of crops treated to **control growth, thin fruit,** or **defoliate.**	☐	940

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SECTION 23 **Report PRODUCTION EXPENSES paid by you, your landlords, or contractors for this place in 1997.** ***(DO NOT include expenses not related to the farm business or connected with performing customwork for others.)***

S23

	None		Dollars	Cents
1. Livestock and poultry purchased – cattle, calves, hogs, pigs, sheep, lambs, goats, horses, chicks, poults, started pullets, etc. →	☐	971	$	00
2. Feed purchased for livestock and poultry – grain, hay, silage, mixed feeds, concentrates, etc. →	☐	972	$	00
a. Of the total feed purchased, how much was commercially mixed, including supplements and premixes? *(DO NOT include soybean meal, cottonseed meal, etc.)* →	☐	973	$	00
3. Seeds, plants, etc., purchased – *Include purchases of seeds for corn, other grains, soybeans, tobacco, cotton, etc., and transplants and trees.* →	☐	974	$	00
4. Commercial fertilizer purchased – all forms, including rock phosphate and gypsum. *Include cost of custom applications. (DO NOT include lime.)* →	☐	975	$	00
5. Agricultural chemicals purchased – Insecticides, herbicides, fungicides, other pesticides, etc. – *Include cost of custom applications. (DO NOT include lime.)* →	☐	976	$	00
6. Gasoline and other petroleum fuel and oil purchased for the farm business –				
a. Gasoline and gasohol →	☐	977	$	00
b. Diesel fuel →	☐	978	$	00
c. Natural gas →	☐	979	$	00
d. LP gas, fuel oil, kerosene, motor oil, grease, etc. →	☐	980	$	00
7. Electricity for the farm business *(DO NOT include household expenses.)* →	☐	981	$	00
8. Hired farm and ranch labor – Also include employer's cost for social security, workman's compensation, insurance premiums, pension plans, etc. *(See the INFORMATION SHEET, section 23.)* →	☐	982	$	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.* →	☐	983	$	00
10. Repair and maintenance expenses for the upkeep of buildings, motor vehicles, and farm equipment →	☐	984	$	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, etc. (DO NOT include cost of cotton ginning and application of fertilizer and chemicals.)* →	☐	985	$	00
12. Interest paid on debts *(See the INFORMATION SHEET, section 23.)*				
a. Secured by real estate →	☐	986	$	00
b. Not secured by real estate →	☐	987	$	00
13. Cash rent paid for land and buildings in 1997 *(DO NOT include grazing fees.)* →	☐	988	$	00
14. Property taxes paid in 1997 – *Include farm real estate, machinery, livestock, etc. for the farm business. (DO NOT include taxes paid by landlords.)* →	☐	989	$	00
15. All other production expenses – *Include insurance, water, animal health costs, grazing fees, lime, marketing charges, miscellaneous farm supplies, etc. (DO NOT include depreciation, household expenses, and expenses not associated with the farm business.)* →	☐	990	$	00

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SECTION 24 MACHINERY AND EQUIPMENT on this place on December 31, 1997

S24

1. Estimated market value of ALL machinery, equipment, and implements on this place December 31, 1997
Include all machinery, equipment, and implements used for the farm or ranch business in 1996 or 1997 and usually kept on this place. (For examples of items, see INFORMATION SHEET, section 24.) →

Estimated market value	
Dollars	Cents
943 $	00

2. For the machinery and equipment items listed below, report the number on this place December 31, 1997 and used in 1996 or 1997.

	None	Total number on this place December 31, 1997	Of the total, the number manufactured in the last 5 years (1993–1997)
a. Motortrucks, including pickups →	☐	944	945
b. Wheel tractors less than 40 horsepower (PTO) *(DO NOT include garden tractors.)* →	☐	946	947
c. Wheel tractors 40 to 99 horsepower (PTO) →	☐	948	949
d. Wheel tractors 100 horsepower (PTO) or more →	☐	962	963
e. Grain and bean combines, all types →	☐	950	951
f. Cotton pickers and strippers →	☐	956	957
g. Mower conditioners →	☐	958	959
h. Pickup balers – *Include rectangular and round balers.* →	☐	960	961

SECTION 25 Report your best ESTIMATE of the CURRENT MARKET VALUE OF LAND and BUILDINGS. Include all land, dwellings, barns, and other buildings for all acres reported in section 1, items 1, 2, and 3, page 1.

S25

1. Estimated market value of –

	None	Estimated market value of land and buildings	
		Dollars	Cents
a. All land and buildings owned →	☐	996 $	00
b. All land and buildings rented or leased FROM OTHERS →	☐	997 $	00
c. All land and buildings rented or leased TO OTHERS →	☐	998 $	00

SECTION 26 INCOME FROM FARM-RELATED SOURCES IN 1997

Report amount received before taxes and expenses.

S26

	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. *(DO NOT include if customwork is an entirely separate business from your agricultural operation.)* →	☐	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, AUM basis, per-pound basis, etc.* →	☐	993 $	00
3. Sales of forest products – *Include naval stores, firewood, etc. (DO NOT include sales of Christmas trees or maple products.)* →	☐	994 $	00
4. Patronage dividends and refunds from cooperatives, recreational services, and other income which is CLOSELY RELATED to the agricultural operation on this place – *Specify* _____	☐	995 $	00

SECTION 27 Were any HIRED WORKERS, including paid family members, doing agricultural labor on this place in 1997? *(DO NOT include contract labor.)*

S27 1 ☐ YES – ***Complete this section*** 2 ☐ NO – *Go to section 28*

1. Of the hired farm or ranch labor, including paid family members, how many –

	None	Hired workers
a. Worked less than 150 days? →	☐	941
b. Worked 150 days or more? →	☐	942

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SECTION 28 Were there any INJURIES or DEATHS connected with farm or ranch work on or for this place in 1997?

Report injuries that required paid medical care, or resulted in lost worktime or were fatal. DO NOT report deaths or injuries of contract workers or customworkers.

S28 1 ☐ YES – ***Complete this section*** 2 ☐ NO – *Go to section 29*

	None	Operator and family members	Hired workers
1. Number of workers with work-related injuries *(DO NOT include deaths.)* →	☐	952	953
2. Number of work-related deaths →	☐	954	955

SECTION 29 TYPE OF ORGANIZATION – *Mark (X) the one item which best describes the type of organization for this place in 1997. Refer to the INFORMATION SHEET, section 29.*

S29

- FAMILY or INDIVIDUAL operation *(DO NOT include partnership and corporation.)* → 921 1 ☐
- PARTNERSHIP operation – *Include family partnerships.* → 2 ☐ } *Go to section 31*
- INCORPORATED UNDER STATE LAW → 3 ☐ *Go to section 30*
- OTHER, such as estate or trust, prison farm, grazing association, Indian reservation, etc. → 4 ☐ *Specify, then go to section 31* _____

SECTION 30 CORPORATE STRUCTURE (for incorporated operations only) *Refer to the INFORMATION SHEET, section 30.*

S30

1. Is this a family-held corporation? → 922 1 ☐ Yes 2 ☐ No

2. Are there more than 10 stockholders? → 3 ☐ Yes 4 ☐ No

SECTION 31 CHARACTERISTICS AND OCCUPATION OF OPERATOR (Senior partner or person in charge) *Refer to the INFORMATION SHEET, section 31.*

S31

1. RESIDENCE – Does the operator (senior partner or person in charge) live on this place? → 923 1 ☐ Yes 2 ☐ No

2. PRINCIPAL OCCUPATION – At which occupation did the operator spend the majority (50 percent or more) of his/her worktime in 1997? → *For partnerships consider all members of the partnership together.* 928 1 ☐ Farming or ranching 2 ☐ Other

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 1997? *Include work at a nonfarm job, business, or on someone else's farm for pay. (DO NOT include exchange farmwork.)* → 929
1 ☐ None 2 ☐ 1–49 days 3 ☐ 50–99 days 4 ☐ 100–149 days 5 ☐ 150–199 days 6 ☐ 200 days or more

4. In what YEAR did the operator (or senior partner) begin to operate any part of this place? → 930 _____ Year

5. AGE of operator (senior partner or person in charge) on Dec. 31, 1997 → 925 _____ Years of age

6. RACE of operator (senior partner or person in charge) → 924
1 ☐ White 2 ☐ Black, African American, or Negro 3 ☐ American Indian 4 ☐ Asian or Pacific Islander 9 ☐ Other – *Specify* _____

7. SEX of operator (senior partner or person in charge) → 926 1 ☐ Male 2 ☐ Female

8. Is the operator (senior partner or person in charge) of SPANISH, HISPANIC, or LATINO origin or background, such as Mexican, Cuban, or Puerto Rican, regardless of race? → 927 1 ☐ Yes 2 ☐ No

SECTION 32 PERSON COMPLETING THIS REPORT – *Please print*

Name	999 Date	
Telephone →	Area code ___ ___ ___	Number ___ ___ ___ – ___ ___ ___ ___

RETURN your completed form to: Census of Agriculture, 1201 East 10th St., Jeffersonville, IN 47131-1700

FORM 97-A0202 (10-29-96)

INFORMATION SHEET
1997 UNITED STATES CENSUS OF AGRICULTURE

Special Reporting Instructions

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 name and address 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 every report form returned, whether you farm or not.

If You Received More Than One Report Form for the Same Operation – Complete only ONE report form for that operation. Write "Duplicate" near the address label of each extra report form. Also, write the 12-character census file number(s) of the EXTRA report(s) ON THE COMPLETED REPORT in the space provided below and to the right 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.

If You No Longer Farm – If you had agricultural operations for any part of 1997, please report all agricultural activity during that portion of the year. Report all land on your census form that you owned or rented. Also, report your 1997 crop and livestock production and 1997 sales.

If You Quit Farming During 1997 – 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, if known, the name and address of the person now using the land and/or buildings.

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 nonfarm addresses; however, it was not always possible to do so.

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., for which you maintain SEPARATE operating expense and/or production records including livestock and other inventories and crop acreages.

If You Have a Partnership Operation – Complete only ONE report form for the entire partnership's agricultural operation and include all partners' shares on that report. If members of the partnership 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 extra report(s) in the same envelope with the completed partnership report, where possible, or write a note on the extra report(s), such as, *"(Name of partner)* has already completed a report for the partnership *(provide name and CFN of partnership)."*

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 or DO NOT have records available for the landlord's or contractor's share, report 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 should 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 may 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 1997**

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 1997 whether in production or not. Include all land that you owned or rented during 1997 even if only for part of the year. DO NOT include any unrelated residential or commercial land.

Report all land in section 1 in whole acres.

Item 1 – All Land Owned – Report all land owned in 1997 whether held under deed, 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.

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
- Land rented or leased BY THE ACRE from Federal or State governments, Indian reservations, or railroads.

DO NOT INCLUDE in item 2:

- Land used under Government grazing permits or special license on a per-head or animal unit month (AUM) 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 the appropriate boxes in 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

DO NOT INCLUDE in item 3:

- Land placed in the Conservation Reserve Program (CRP) or Wetlands Reserve Program (WRP) as acres rented to the Government.
- Unrelated residential, commercial, or other land not included in items 1 and 2.

Item 4 – Acres in "THIS PLACE" – This figure will show the total of all land you operated at any time in 1997.

If item 4, Acres in "THIS PLACE" is "0" and:

- You grew any crops or raised any livestock or poultry on "THIS PLACE" in 1997, complete the report.
- All your land was operated by a renter or sharecropper, complete section 1, item 6 (number of owned acres rented), skip to and complete section 32, and explain briefly, "all land rented out," etc. Mail report form in return envelope.
- You did not have any agricultural activity on owned or rented land in 1997, complete section 32 and explain briefly, such as "retired," "sold farm," and date. Give name and address of current operator if known and return report form in return envelope.

How to Report Crops Harvested

◆ **Sections 2 through 8 – CROPS**

Sections 2 through 8 provide space for reporting crops harvested during the 1997 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 1997.

Acres harvested – Enter the acres harvested in 1997. 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, 1997, please report the quantity harvested and the 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.

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 1997, 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 **Were any of the following CROPS harvested from "THIS PLACE" IN 1997? *DO NOT include crops grown on land rented TO OTHERS.)***

S2

	None	Acres harvested	Quantity harvested	Acres irrigated
1. Cotton →	☐	091	092 Bales	093
2. Soybeans for beans →	☐	088 40	089 1,550 Bu.	090 40
3. Wheat for grain →	☐	545 40	546 1,230 Bu.	547
4. Oats for grain →	☐	076	077 Bu.	078

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. 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 1f.

◆ **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.

◆ **Section 4 – NURSERY AND GREENHOUSE CROPS**

Report Christmas trees grown on this place and sold live as nursery crops, code 488. Report Christmas trees grown on this place and sold as cut Christmas trees in code 491. Acres of Christmas trees to be cut in later years should be reported as other nursery and greenhouse, code 506.

◆ **Section 5 – 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 1997, 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 5, but write in 20 acres of lettuce harvested and 20 acres of lettuce irrigated in item 2 of section 5.

◆ **Section 7 – OTHER CROPS**

Maple Trees Tapped – Report acres of tapped maple trees (sugar bush) on this place in code 799. Report the number of taps from which you gathered sap as the quantity harvested.

◆ **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 1f "Cropland idle."

If fruit and nut trees and vines were interplanted with crops other than trees or vines, report the total acres for the orchard crop in section 8, item 1, and the total acres of each interplanted crop in their appropriate section.

◆ **Section 9 – GROSS VALUE OF CROPS SOLD**

Report the value of all crops sold from "THIS PLACE" in 1997, 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 1997. Include payments received in 1997 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 labor, 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"**

The sum of the acres entered in various categories should equal total acres in "THIS PLACE," as reported in section 1, item 4. (DO NOT include any acres you rented or leased to others reported in section 1, item 3.)

Land Used for More Than One Purpose – DO NOT report the same acreage in more than one of the listed purposes. If part or all of your land was used for more than one listed purpose in 1997, 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 1a, "Cropland harvested," but DO NOT report as "Cropland used for cover crops, legumes, etc." (item 1c).

Double Cropping – When more than one crop was harvested from the same land in 1997, report that land only ONCE as "Cropland harvested," in item 1a.

Interplanted Crops – If you interplanted crops, such as alfalfa hay in an orchard, report the total land used for both crops only ONCE, as "Cropland harvested," in item 1a.

Skip Row Planted Crops – Report the acres that represent the total nonplanted or skipped rows as "Cropland idle," in item 1f. The acres that represent the planted rows should be reported as "Cropland harvested," in item 1a.

Maple Trees Tapped – Report acres of tapped maple trees (sugar bush) as "Woodland not pastured", in item 2b.

◆ **Section 11 – IRRIGATION**

Report in item 1 the acres of irrigated land from which crops were harvested. Include all irrigated orchard land with bearing and nonbearing trees. Include irrigated land from which hay was cut. If crops were double cropped and both were irrigated, report the irrigated acres only once. Acres in item 1 of this section should not exceed acres in section 10, item 1a.

In item 2, report all other irrigated land, such as irrigated pasture, land on which crops failed, land in cover crops, and all other irrigated land not included in item 1.

◆ **Section 12 – ACRES UNDER THE CONSERVATION RESERVE PROGRAM (CRP) OR WETLANDS RESERVE PROGRAM (WRP)**

Include in item 1 all acres in "THIS PLACE" retired from production and placed, by long-term contract, into the Conservation Reserve Program or Wetlands Reserve Program (CRP or WRP). Acres placed in these programs during and prior to 1997 should be included.

◆ **Sections 13 through 17– LIVESTOCK, POULTRY, OTHER LIVESTOCK, OR ANIMAL SPECIALTIES**

Animals and Poultry to Include in the Report Form – Report all animals, poultry, and animal specialties on "THIS PLACE" (as defined in section 1, item 4) on December 31, 1997. 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, AUM, or lease basis.

Animals in transit on December 31, 1997, or animals on a short-term pasture (such as wheat pasture or crop residue) on a per-head, AUM, or lease basis should be reported by the person who had control of the animals.

Animals and Poultry to Exclude from the Report Form – 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 moved from "THIS PLACE" in 1997, 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.

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:

- Cattle and calves sold for further feeding
- Veal calves or any calves weighing less than 500 pounds
- Dairy cows – cull cows fed only the usual dairy ration before being sold

Value of Sales – Report the total gross value of animals and poultry sold or moved from "THIS PLACE" in 1997, 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 that were 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" number of animals or poultry on the place on December 31, 1997. Report as "SOLD" animals and poultry kept on a contract or custom basis and removed or sold from "THIS PLACE" in 1997. 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 "THIS PLACE."

◆ Section 16 – 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 "THIS PLACE" in 1997. Estimate the market value of birds if necessary. Do not report the amount received from a contractor as the market value of birds.

◆ Section 17 – 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 other livestock and livestock products manure, beeswax, and any other animal products sold from "THIS PLACE" in 1997. Please indicate units used in reporting.

Item 10 – Fish or Other Aquaculture Products – Report number or pounds sold and gross value of sales for each. Enter name and code from list.

◆ Section 18 – AMOUNT RECEIVED FROM GOVERNMENT CCC LOANS

Report in item 1 the amount received under the regular or reserve program for commodities placed under CCC loans during 1997. Include amount received even if commodity was redeemed or forfeited prior to December 31, 1997.

DO NOT include CCC loans received to build crop storage facilities or amount received for storage payments in the reserve program.

◆ Section 19 – FEDERAL FARM PAYMENTS RECEIVED

Report in item 1 all payments received from Federal farm programs in 1997. Federal payments include receipts from Federal farm programs, such as deficiency payments, support price payments, indemnity programs, disaster payments, paid land diversion, payments for enrollment in the Conservation Reserve Program or Wetlands Reserve Program (CRP or WRP), payments received for approved soil and water conservation projects, etc.

In item 1a, report the amount received for participation in the Conservation Reserve Program and Wetlands Reserve Program (CRP and WRP). DO NOT include payment from CCC loans or crop insurance.

◆ Section 20 – DIRECT SALES

Report the sales of crops, livestock, poultry, or their products sold directly to consumers for their own consumption from roadside stands, farmers markets, pick your own, door to door, etc. Include only those commodities sold directly for human consumption, such as vegetables, fruit, eggs, milk, cattle, chickens, hogs, turkeys, etc. Report only commodities grown or raised on "THIS PLACE."

DO NOT include crops, livestock, poultry, or other products which you bought and resold.

◆ Section 21 – COMMERCIAL FERTILIZER

Report acres on which commercial fertilizer was applied during 1997. If any acreage was fertilized more than once, report acres ONLY ONCE. Report commercial fertilizer expenditures in section 23, item 4.

DO NOT report the use of manure and other material, such as sludge, lime, or other soil conditioners.

◆ Section 22 – INSECTICIDES, HERBICIDES, FUNGICIDES, NEMATICIDES, OTHER PESTICIDES, OR OTHER CHEMICALS

Report acres on which chemicals were applied during 1997 to control insects, diseases, nematodes, and weeds. Also report acres of crops treated to control growth, thin fruit, or defoliate. Include acres on which custom application of chemicals were made. If multiple applications of chemicals for the same purpose (for example, herbicides) were made on the same acres, report acreage only once. If chemicals were applied for different purposes, report the acres for each purpose that the chemicals were used.

Report agricultural chemical expenditures in section 23, item 5.

◆ Section 23 – PRODUCTION EXPENSES paid by you and others for "THIS PLACE" in 1997

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 1997 even if they were not paid for in 1997. Please estimate if exact figures are not known. Refer to the individual expenditure items below for further explanations.

Item 1 – Livestock and Poultry Purchased – Report the cost of cattle, calves, hogs, pigs, sheep, lambs, goats, horses, chicks, poults, started pullets, 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, chicks, started pullets, etc., at the time they came onto the place.

Item 2 – Feed Purchased for Livestock and Poultry – Report the purchase cost of all grains, silage, hay, commercially mixed and premixed feeds, ingredients, 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.

Report in item 2a only purchases of commercially mixed feed, including complete feeds, supplements, concentrates, and premixes. DO NOT include ingredients purchased separately, such as soybean meal, urea, etc.

Item 8 – 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. Include supplemental cost for benefits such as employer's social security contributions, unemployment compensation, workman's compensation insurance, life and medical insurance, pension plans, etc.

Item 9 – Contract Labor – Includes the labor costs of workers furnished on a contract basis by 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.

Item 10 – 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 for performing customwork for others. DO NOT include expenditures for the construction of new buildings or the cost of additions to existing buildings.

Item 12 – Interest Expense Paid on Debts – Report all interest expenses paid in 1997 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 and also 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."

Item 13 – Cash Rent Paid for Land and Buildings in 1997 – Report rent paid in cash during 1997 for land and buildings on "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.

Item 14 – Property Taxes Paid in 1997 – Include real estate property taxes you paid on the acres and buildings you operated and used in the farm business.

DO NOT include:

- Property taxes on land or buildings rented to someone else
- Taxes paid by landlords
- Property taxes paid on other property not associated with the farm business
- Income and excise taxes

Item 15 – 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 – 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.

Include cars, trucks, tractors, planters, combines and heads, plows, disks, harrows, mowers, sprayers, wagons and trailers, loaders and backhoes, dryers, pumps, motors, irrigation equipment, dairy equipment including milkers and bulk tanks, manure spreaders, livestock feeders, grinding and mixing equipment, etc.

◆ **Section 25 – ESTIMATED CURRENT MARKET VALUE OF LAND AND BUILDINGS**

The value for each of the three listed categories (owned land, land rented from others, and land rented to others) should be your estimate of the value of the land, houses, barns and other 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, house, 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 26 – INCOME FROM FARM-RELATED SOURCES IN 1997**

Items 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 operation.

Item 2 – Rental Income – DO NOT include rental income from nonfarm property.

Item 3 – Forest Products – Include only those forest products cut from "THIS PLACE," not items cut from other nonfarm timber acreage. DO NOT include income from saw mill business or from the sale of Christmas trees, maple syrup, or sap products.

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 patronage dividends or rebates 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.

◆ **Section 27 – HIRED FARM OR RANCH LABOR**

Report the number of paid farm or ranch workers doing agricultural labor. Include paid family members. Include workers such as hired bookkeepers, office workers, maintenance workers, etc., if their work is primarily associated with agricultural production on "THIS PLACE."

Remember to include in the "less than 150 day" category any short term or temporary workers who may have worked only a few days. DO NOT include contract labor or custom workers.

◆ **Section 28 – INJURIES AND DEATHS**

Injuries – Include all injuries resulting in lost worktime or medical care expense that occurred while doing farm or ranch work on or for "THIS PLACE" during 1997. Include injuries of family members, the operator, paid hired workers, and unpaid workers. DO NOT include injuries to contract workers. DO NOT include household injuries not related to the farming operation.

Deaths – Include all deaths that resulted from injuries or accidents related to farm or ranch work on or for "THIS PLACE." Include deaths of family members, the operator, paid hired workers, and unpaid workers. DO NOT include deaths of contract workers. DO NOT include deaths that resulted from natural or nonaccidental causes such as heart attacks, cancer, suicide, etc.

◆ **Section 29 – 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 labor) 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, decision making, 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 30.

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 30 – 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 31 – CHARACTERISTICS AND OCCUPATION OF OPERATOR**

This section collects information about the operator of "THIS PLACE" who is defined as the individual owner, the operator, the senior partner, or person in charge for the type of organization reported in section 29.

Family or Individual Operation – Complete this section for the operator.

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 all types of agricultural enterprises, including work at greenhouses, nurseries, mushroom production, ranching, feedlots, broiler feeding, etc.

Corporations and Other Operations (Cooperatives, Estates, etc.) – Complete this section 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 operation was resumed.

◆ **Section 32 – PERSON COMPLETING THIS REPORT**

Complete this information and return completed form to: Census of Agriculture, 1201 East 10th St., Jeffersonville, IN 47131-1700.

NATIONAL AGRICULTURAL STATISTICS SERVICE
U.S. Department of Agriculture
Rm 5805, South Building
1400 Independence Avenue, S.W.
Washington, D.C. 20250-2000
202-720-7017

AMERICAN INDIAN RESERVATIONS
1997 CENSUS OF AGRICULTURE

Form Approved
O.M.B. Number 0535-0226
Approval Expires 11/30/99
Project Code 650

Please make corrections to name, address and Zip Code, if necessary.

NUMBER OF AMERICAN INDIAN FARM or RANCH OPERATORS

1. Within the reservation named above, how many American Indians operate a farm/ranch? (*Farms/ranches are defined as any location from which $1,000 or more of agricultural products were produced and sold or normally would have been sold during 1997. **Exclude** as operators, persons who work only as employees or who conduct no farm/ranch activity but receive a payment as a share of reservation farming/ranching.*) . . . . . NUMBER ☐

2. List the county(s) where your reservation is located and the number of operators in each county.

COUNTY NAME	STATE	NUMBER OF OPERATORS

[*Total should equal item 1 above.*]

3. Does (*item 1 answer*) include the operators from all tribes on this reservation?

☐ **YES** - [*Go to item 4.*] ☐ **NO** - Please list the tribes included in item 1 above.

_____

_____

_____

4. Person completing this report--

_____ ( ) _____ _____

NAME **TELEPHONE** **DATE**

Public reporting burden for this survey is estimated to average 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Federal agencies may not conduct or sponsor, and a person is not required to respond to, information collection unless it displays a currently valid OMB number.

SPECIAL INSTRUCTIONS FOR AMERICAN INDIAN RESERVATIONS
1997 Census of Agriculture

American Indian reservations on which farming or ranching are practiced and operators on them are counted in the census of agriculture.

To improve the total count of American Indian farmers and ranchers, a short additional form entitled "American Indian Reservations" is included with your regular census of agriculture report form. This form asks the count of American Indian farmers and ranchers operating (having $1,000 or more in agricultural sales) on reservation land. Please complete it and return it in the same postage paid envelope used for your census of agriculture report.

These special instructions apply to **BOTH** enclosed report forms. They supplement the enclosed Information Sheet. Before returning your report forms, please be sure you complete all sections that apply to your operations. Please give your best estimate if the requested information is not available from your records.

For your regular census of agriculture form (The form with the barn and silo logo):

SECTION 1:

- Report all reservation land used by the tribe in common and also by individual members.
  Include Federal and State land leased as land rented from others.
  Exclude any national grasslands administered by the Forest Service used on a permit basis, this should be reported in item 7.

  Item 1: Report all land in the reservation or reporting unit.
  Include reservation land used for grazing on a per-head basis.

  Item 2: Report all land rented or leased from others including land used rent free.
  Include as rented any Section 15 land administered by the Bureau of Land Management.

  Item 3: Report all land rented or leased to non-tribal members.
  Include land worked by non-tribal members on a share basis or rent free. Report land rented or leased for nonagricultural uses. **Exclude** land which non-tribal members use for grazing on a per-head basis.

  Item 7: Mark (X) all permits held by the reservation as permitted.

  Item 8: Report the county or counties in which the land reported in item 4 is located. Estimate the acreage for each county if it is not known.

SECTION 2 - 8:

- Report any crops that were harvested from the reservation during 1997.
  Exclude crops harvested on land rented to others.

SECTION 9:

- Report sales of any crops grown on the reservation and sold in 1997.
  Exclude the amount received as share payment from land leased to others.

For your " American Indians Reservations" form (The form with the NASS logo):

If the value of sales of each operator is not known, estimate the number who met the definition listed in Item 1. For this report, your reservation is defined as the acreage reported in Section 1, Item 4 of your regular census of agriculture report form.

For **BOTH** forms:

Please print your name on **BOTH** report forms and give us your phone number before returning the completed report forms.

If you need additional help in completing either report form, please call the Census Division, toll free at 1-888-4AG-STAT or 1-888-424-7828 between 7:00 a.m. and 5:00 p.m. Eastern time and request help for your reservation reports.

Your help in completing the 1997 Census of Agriculture is appreciated. Thank you for your cooperation.

NASS **NATIONAL AGRICULTURAL STATISTICS SERVICE**
U.S. Department of Agriculture
Rm 5805, South Building
1400 Independence Avenue, S.W.
Washington, D.C. 20250-2000
202-720-7017

Nonresponse Survey 1997 Census of Agriculture



AG CENSUS USA

Form Approved
O.M.B. Number 0535-0276
Approval Expires 11/30/99
Form 97-A46

[**ENUMERATOR ACTION:** *Circle the final result of the case:*]

Complete
Inaccessible / Incomplete
Refusal
Duplicate
Deceased (*before 1997*)

1. [*Please verify name and mailing address of this operation. Make corrections (including the correct operation name) on the label and continue.*]. . . . . ☐ [*Check if name and address are verified.*]

2. [*Enter name and phone number of Respondent.*]

_____ (*Name of Respondent*)

_____ (*Area Code and Number*)

3. [*Enter relationship of Respondent to [person/operation named on label]. Circle one.*]

Operator/Manager/Partner Spouse Accountant Other *(Specify)*: _____

STEP 1: **These questions are about the ways you may have been involved in agriculture during 1997.**

Please answer these questions for [*person/operation named on label*].

[*If Respondent answers **YES** to **ANY** of the following questions, **Go to Step 2** on **page 2.***]

1. **At any time during 1997, did you plant, grow, sell or have any crops?**

For example:
- Fruit, nut or citrus trees
- Vegetables, melons or berries
- Hay or haylage
- Grains, oil seeds or field crops
- Dry beans, rice or potatoes
- Tobacco
- Grapevines
- Maple sap
- Other crops

. . . . . YES ☐ NO ☐

DO NOT INCLUDE crops grown for home use.

2. **At any time during 1997, did you plant, grow, sell or have any greenhouse or nursery crops?**

For example:
- Mushrooms or sod
- Christmas trees
- Bulbs, flowers or flower seeds
- Vegetable seeds or plants
- Vegetables under protection
- Other greenhouse or nursery crops

. . . . . YES ☐ NO ☐

3. **At any time during 1997, did you raise, sell or keep any livestock?**

For example:
- Horses, ponies or other equine
- Fish or shellfish in captivity
- Chickens or other poultry
- Mink or rabbits
- Llamas, emus or ostriches
- Bees for honey
- Cattle, hogs, sheep or goats
- Livestock grown for home use or as a hobby
- Other livestock

. . . . . YES ☐ NO ☐

4. **Did you have any pastureland or rangeland in 1997, including cropland or woodland used only for pasture?** . . . . . YES ☐ NO ☐

5. **Did you receive payments in 1997 for participation in Federal farm programs?**

For example:
- Conservation Reserve Program (CRP) or Wetlands Reserve Program (WRP) payments
- Disaster payments
- Soil conservation payments
- Indemnity program payments

. . . . . YES ☐ NO ☐

6. [*If **YES** to **ANY** of the above questions, **Go to Step 2** on **page 2.** If **NO** to **ALL** of the above questions, **Go to Step 8,** on **page 4.***]

STEP 2: **These next questions are about the NUMBER OF ACRES that were owned or used at any time during 1997. Include all land owned, rented or used by you or by the partnership, corporation or organization for which you are reporting.**

The land does not have to be "agricultural" and it does not have to be located in a single place.

INCLUDE:
- Cropland
- Pastureland/rangeland
- Idle land
- Woodland
- Farmstead
- Wasteland, roads or ditches
- Conservation Reserve Program (CRP) land
- Wetlands Reserve Program (WRP) land
- Ponds or wetlands
- Buildings or structures
- Other land

1. **How many acres of land were owned during 1997?** . . . . . + ☐ **acres**

2. **In 1997, how many acres of land were rented or leased FROM OTHERS?**

   INCLUDE:
   - Land worked by you on shares
   - Land used rent free
   - Leased Federal, State or railroad land
   - Land used in exchange for services or payment of taxes

   . . . . . + ☐ **acres**

   DO NOT INCLUDE land used on a per-head or Animal Unit Month (AUM) basis under a grazing permit.

3. **In 1997, how many acres of land were rented or leased TO OTHERS?**

   INCLUDE:
   - Land worked on shares by others
   - Land subleased
   - Land used rent free
   - Land rented in exchange for services or payment of taxes

   . . . . . - ☐ **acres**

4. **Then the number of ACRES IN THIS PLACE was --**
   [*Total 1 + 2 - 3.*] . . . . . = ☐ **ACRES IN THIS PLACE**

STEP 3: **These questions are about some of the ways the ACRES IN THIS PLACE were used in 1997.**

DO NOT INCLUDE land rented to others.

1. **Of the [*Step 2, Item 4*] ACRES IN THIS PLACE --**

   a. **how many acres were cropland which was harvested?** . . . . . + ☐ **acres**

   b. **how many acres were cropland on which all crops failed?**

      DO NOT INCLUDE orchards, groves and vineyards on which the crop failed. . . . . + ☐ **acres**

   c. **how many acres were pastureland or rangeland?**

      INCLUDE cropland and woodland used only for pasture. . . . . + ☐ **acres**

   d. **how many acres were any other type of land, such as land in woodland, farmsteads, ponds, wetlands, roads, wasteland, idleland, etc.?** . . . . . + ☐ **acres**

   e. **[ENUMERATOR INSTRUCTION:** *Step 3, Items 1a + 1b + 1c + 1d must equal Step 2, Item 4, ACRES IN THIS PLACE.*] . . . . . = ☐ **ACRES IN THIS PLACE**

2. **Of the [*Step 2, Item 4*] ACRES IN THIS PLACE, how many acres were under the Conservation Reserve Program or Wetlands Reserve Program (CRP or WRP)?** . . . . . ☐ **acres**

STEP 4: **Now I'm going to ask about CROPS HARVESTED from the ACRES IN THIS PLACE in 1997.**

INCLUDE:
- Fruit, nut or citrus
- Vegetables, melons or berries
- Hay or haylage
- Grains, oil seeds or field crops
- Greenhouse or nursery crops
- Dry beans, rice or potatoes
- Peanuts
- Grapes
- Tobacco
- Christmas trees
- Other crops

1. **Were any crops harvested from the** [*Step 2, Item 4*] **ACRES IN THIS PLACE in 1997, including crops grown under contract?**

☐ **YES** - [***Continue.***] ☐ **NO** - [***Go to Step 5.***]

What crops were harvested in 1997?	How many acres of [*crop*] were harvested in 1997?

STEP 5: **These questions are about LIVESTOCK and POULTRY on the ACRES IN THIS PLACE on December 31, 1997, or sold in 1997. Please provide information about all livestock and poultry, whether owned by you or by others.**

INCLUDE:
- Horses, ponies or other equine
- Fish or shellfish in captivity
- Chickens or other poultry
- Mink or rabbits
- Llamas, emus, ostriches
- Bees for honey
- Cattle, hogs, sheep or goats
- Livestock grown for home use or as a hobby
- Other livestock

1. **Were any livestock or poultry, regardless of ownership, on the** [*Step 2, Item 4*] **ACRES IN THIS PLACE in 1997?**

☐ **YES** - [***Continue.***] ☐ **NO** - [***Go to Step 6.***]

What type of livestock were on THIS PLACE in 1997?	How many [*livestock*] were on THIS PLACE on December 31, 1997?	How many [*livestock*] were sold or removed from THIS PLACE in 1997?

STEP 6: **GROSS VALUE OF SALES**

1. **What was the total gross value of sales for the** [*Step 2, Item 4*] **ACRES IN THIS PLACE in 1997 -- $1,000 or more, less than $1,000 or none?**

INCLUDE:
- Sales of all crops, livestock, poultry and livestock products (*milk, eggs, etc.*) sold in **1997**
- The value of products removed for all crops, livestock and poultry produced under production contracts in **1997**
- Sales of all miscellaneous agricultural products in **1997**
- The value of government CCC loans received in **1997**
- Landlord's share of crops sold in **1997**

DO NOT INCLUDE payments for participation in Federal farm programs.
DO NOT INCLUDE income received in payment for the use of land.

☐ **$1,000 or more**
☐ **Less than $1,000**
☐ **None**

2. **What was the total amount received in 1997 for participation in Federal farm programs?** . . . . . **NONE** ☐ **$** .00

STEP 7: **These questions ask for information about any other person(s) who may have been involved in THIS PLACE during 1997.**

1. **At any time during 1997, were there any other individuals associated with the operation of the ACRES IN THIS PLACE?**

   INCLUDE:
   - Partners, relatives, managers or other associated persons
   - All individuals whether they lived on or off the **ACRES IN THIS PLACE**

   ☐ **YES** - [***Continue.***] ☐ **NO** - [***Go to Item 2.***]

What were the names of these individuals?	What is the mailing address of [*individual*] *(including City, State, ZIP Code)*?	What is the family relationship of [*individual*] to [*person/operation named on label*]?	What is the business relationship of [*individual*] to [*person/operation named on label*]?

2. **Was any farm or business name, other than the name on the mailing label, used for the ACRES IN THIS PLACE in 1997?**

   ☐ **YES** - [***Continue.***] ☐ **NO** - [***Go to Item 3.***]

Farm or Business Name	Mailing Address, City, State, ZIP Code

3. **To assist in identifying duplication with our list of farm operators, please report the operator's Social Security Number (SSN). If this operation has a Federal Employer Identification Number (EIN), this would also be helpful. Disclosure of the SSN and EIN is voluntary and is collected under the general authority of Title 7, Section 2204, of the U.S. Code.**

Operator's SSN	Federal EIN
___ - ___ - ____	__ - ____ ____ ____

4. [***Go to Step 9, CONCLUSION.***]

STEP 8: [**ENUMERATOR NOTE:** *Complete this step ONLY if Respondent answered NO to ALL questions in Step 1.*]

Please answer these questions for [*person/operation named on label*].

	YES	NO
1. **Was all of your land removed from agricultural production before January 1, 1997?**	☐	☐
2. **During 1997, did you rent out your land for agricultural production?**	☐	☐
3. **During 1997, did you participate as a partner, investor or corporate member of a farm or ranch operated by someone else?**	☐	☐
4. **Did you retire from farming or ranching before January 1, 1997?**	☐	☐
5. **Did you used to be involved in an agricultural operation?**	☐	☐
6. **Was the farm or ranch sold before January 1, 1997?**	☐	☐
7. **During 1997, did you participate in agricultural activities other than agriculture production, such as farm supplier, feed mill operator, provider of custom work, farm market owner, etc.?**	☐	☐
8. **Is there any other reason you were not involved in agriculture during 1997?**	☐	☐

[*If YES ask:*]
What is the reason?

STEP 9: **CONCLUSION:** [*Conclude the interview.*] **Thank you for your help.**

Enumerator Name:	*Date:*

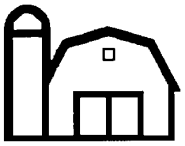
[**ENUMERATOR NOTE:** *Complete disposition code box on top right of page 1.*]

NOTICE: Response to this inquiry is required by law (*Title 7, U.S. Code*). By the same law, **YOUR REPORT IS CONFIDENTIAL** and will only be used 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 processes.

OMB No. - 0535-0230

Approval Expires - 11/30/00

Form 97-A90



AG CENSUS USA

EVALUATION OF 1997 CENSUS OF AGRICULTURE

Please correct errors in name, address and ZIP Code. ***ENTER*** *street address if not shown.*

Please return your completed report in the enclosed postage paid envelope to your State Agricultural Statistics Service Office.

THANK YOU FOR YOUR RESPONSE TO THE 1997 CENSUS OF AGRICULTURE.

YOU CAN HELP US AGAIN BY COMPLETING THIS QUESTIONNAIRE.

What is the purpose of this questionnaire?

We are evaluating the 1997 Census of Agriculture. The results of this study will measure the number of farms and ranches that were incorrectly counted -- some may have been counted when they should not have been and others may have been missed. Some farms may have been counted more than once. These errors result from inaccurate or incomplete information, as well as differences in the way the census of agriculture and others define a "farm" or "ranch". Although this questionnaire collects information similar to the census of agriculture report form, your answers will help us identify and measure these errors.

Why am I receiving this questionnaire?

Results from past censuses have shown that contacting some respondents a second time helps identify problems in our census processes. Since this follow-up is expensive, we only contact a small sample of census respondents. The information you provide will represent many others who do not receive this questionnaire.

What if I did not produce agricultural products in 1997 or do not consider myself a farmer or rancher?

Even if you had no agricultural operations, please complete the appropriate sections and return this form. Your information will help to accurately measure the number of operations incorrectly counted in the census.

Is my response required?

Yes, by law (*Title 7, United States Code*).

Will my answers be kept confidential?

Yes, by the same law (*Title 7. U.S. Code*), your response to the census of agriculture is kept confidential. It can only be used to prepare statistical summaries that will not reveal information about you as an individual.

When is the questionnaire due?

We need your response within 10 days. Fill out the enclosed questionnaire and return it in the postage paid envelope provided. Please give the information even if you already answered these questions in the census.

Thank you for taking part in this effort to improve the quality of agricultural statistics.

Sincerely,

Rich Allen

Rich Allen
Chairperson
Agricultural Statistics Board
National Agricultural Statistics Service

Continue On Page 2

STEP 1: **These questions are about the ways you or any member of your household may be involved in agriculture. It is important that you answer these questions because the census of agriculture's definition of a "farm" includes a broad variety of activities, some of which you may not consider agriculture.**

Please answer these questions for the person or operation named on the mailing label.

1. At any time during **1997**, did you plant, grow, sell or have any crops?

   For example:
   - Fruit, nut or citrus trees
   - Vegetables, melons or berries
   - Hay or haylage
   - Grains, oil seeds or field crops
   - Dry beans, rice or potatoes
   - Tobacco
   - Grapevines
   - Maple sap
   - Other crops

   YES ☐ NO ☐

   DO NOT INCLUDE crops grown for home use

2. At any time during **1997**, did you plant, grow, sell or have any greenhouse or nursery crops?

   For example:
   - Mushrooms or sod
   - Christmas trees
   - Bulbs, flowers or flower seeds
   - Vegetable seeds or plants
   - Vegetables under protection
   - Other greenhouse or nursery crops

   YES ☐ NO ☐

3. At any time during **1997**, did you raise, sell or keep any livestock?

   For example:
   - Horses, ponies or other equine
   - Fish or shellfish in captivity
   - Chickens or other poultry
   - Mink or rabbits
   - Llamas, emus or ostriches
   - Bees for honey
   - Cattle, hogs, sheep or goats
   - Livestock grown for home use or as a hobby
   - Other livestock

   YES ☐ NO ☐

4. During **1997**, did you grow or raise crops, livestock, poultry or their products that were sold directly to individual customers?

   For example:
   - Roadside stands
   - Farmers' markets
   - Pick-your-own
   - Sales at your door
   - Door-to-door

   YES ☐ NO ☐

5. Did you have any pastureland or rangeland in **1997**, **including** cropland or woodland used only for pasture?. . . . . YES ☐ NO ☐

6. During **1997**, were you involved in the day-to-day decisions for an agricultural operation? . . . . . YES ☐ NO ☐

7. Did you receive payments in **1997** for participation in Federal farm programs?

   For example:
   - Conservation Reserve Program (CRP) or Wetlands Reserve Program (WRP) payments
   - Disaster payments
   - Soil conservation payments
   - Indemnity program payments

   YES ☐ NO ☐

If you answered **YES** to **ANY** of the above questions, ***CONTINUE with STEP 2 on page 3.***
If you answered **NO** to **ALL** of the above questions, ***SKIP to STEP 9, on page 8.***

Continue On Page 3

STEP 2: **This step asks about the NUMBER OF ACRES that were owned or used at any time during 1997 by the person or operation named on the mailing label. Include all land owned, rented or used by you, your spouse or by the partnership, corporation or organization for which you are reporting.**

The land does not have to be **"agricultural"** and it does not have to be located in a single place.

INCLUDE:

- Cropland
- Pastureland/rangeland
- Idle land
- Woodland
- Farmstead
- Conservation Reserve Program (CRP) land
- Wetlands Reserve Program (WRP) land
- Wasteland, roads or ditches
- Ponds or wetlands
- Buildings or structures
- Other land

1. How many acres of land were owned during **1997**? . . . . . NONE ☐ + ☐ acres

2. In **1997**, how many acres of land were rented or leased **FROM OTHERS**?

   INCLUDE:
   - Land worked by you on shares
   - Land used rent free
   - Leased Federal, State or railroad land
   - Land used in exchange for services or payment of taxes . . . . . NONE ☐ + ☐ acres

   DO NOT INCLUDE land used on a per-head or Animal Unit Month (AUM) basis under a grazing permit

3. In 1997, how many acres of land were rented or leased TO OTHERS?

   INCLUDE:
   - Land worked on shares by others
   - Land subleased
   - Land used rent free
   - Land used in exchange for services or payment of taxes . . . . . NONE ☐ - ☐ acres

4. Please add ***question 1*** and ***question 2***, then subtract ***question 3***.

   The resulting **acreage** is your **" CENSUS PLACE",** and should be used for **completing** this **questionnaire** . . . . . NONE ☐ = ☐ CENSUS PLACE

STEP 3: **These questions are about some of the ways the acres in your CENSUS PLACE were used in 1997.**

DO NOT INCLUDE land rented to others

1. Of the land in your **CENSUS PLACE** (acres calculated in **Step 2, question 4**):

   a. How many acres were cropland which was harvested? . . . . . ☐ acres

   b. How many acres were cropland on which all crops failed?

      DO NOT INCLUDE orchards, groves and vineyards on which the crop failed . . . . . ☐ acres

   c. How many acres were pastureland or rangeland?

      INCLUDE cropland and woodland used only for pasture . . . . . ☐ acres

   d. How many acres were any other type of land, such as land in woodland, farmsteads, ponds, wetlands, roads, wasteland, idle land, etc.? . . . . . ☐ acres

2. How many acres were under the **Conservation Reserve Program** (CRP) or **Wetlands Reserve Program** (WRP)? . . . . . ☐ acres

Continue On Page 4

STEP 4: **This step asks about the CROPS that were HARVESTED from your CENSUS PLACE in 1997. Please provide information about all crops, including those grown under contract.**

INCLUDE the landlord's share of harvest

DO NOT INCLUDE crops grown on land rented **TO** others

		Number of Acres Harvested in 1997	Quantity Harvested in 1997
1.	For each of the following crops, report the number of acres and quantity harvested from your **CENSUS PLACE** in **1997**:		
a.	Alfalfa and alfalfa mixtures for dry hay • **INCLUDE** CRP land hayed • If two or more cuttings were made from the same acres, report acres only once . . . **NONE** ☐		tons, dry
b.	All other dry hay, grass silage, haylage and green chop **INCLUDE** grain hay, tame hay and wild hay . . . . ☐		tons, dry
c.	Corn for grain or seed . . . . . ☐		bu.
d.	Soybeans for beans . . . . . ☐		bu.
e.	Wheat for grain **INCLUDE** winter, spring, and durum wheat . . . ☐		bu.
f.	Cotton . . . . . ☐		bales
g.	Tobacco (*all types*) . . . . . ☐	. ___	lbs.
h.	Vegetables, sweet corn, melons, etc. for sale **DO NOT INCLUDE** vegetables grown for home use . . . . . ☐	. ___	
2.	In **1997**, how many acres of land were in bearing or nonbearing fruit orchards, citrus or other groves, vineyards, or nut trees of all ages? **DO NOT INCLUDE** abandoned acres . . . . . ☐	. ___	

3. Were any other crops harvested from your **CENSUS PLACE** in **1997**?

For example:

- Oats, barley, sorghum or other grains
- Dry beans, dry peas or rice
- Potatoes
- Peanuts
- Field seeds
- Berries
- Nursery or greenhouse crops
- All other crops

☐ **YES** [*Enter the crop name(s), number of acres, quantity harvested and units below.*]
☐ **NO** [*Go to* ***Step 5, on page 5****.*]

Name of Crop	Number of Acres Harvested in 1997	Quantity Harvested in 1997	Units

(*If more space is needed, use a separate sheet of paper.*)

Continue On Page 5

STEP 5: **This step asks about the LIVESTOCK and POULTRY on your CENSUS PLACE. Please include livestock and poultry present on December 31, 1997, no matter who owned them.**

INCLUDE livestock grown for others on a contract basis

1. For each of the following types of livestock, report the number on your **CENSUS PLACE December 31, 1997**, regardless of ownership:	NONE	Number on your CENSUS PLACE December 31, 1997
a. Beef cows and beef heifers that had calved	☐	
b. Milk cows, dry milk cows and milk heifers that had calved	☐	
c. Other cattle and calves **INCLUDE** heifers, heifer calves, steers, steer calves,bulls and bull calves .	☐	
d. Hogs and pigs of all ages	☐	
e. Sheep and lambs of all ages	☐	

2. Were any other livestock or poultry, regardless of ownership, on your **CENSUS PLACE December 31, 1997**?

For example:
- Chickens, turkeys or broilers
- Ducks, geese or other poultry
- Horses or ponies
- Fish in captivity
- Sheep or goats
- Bees
- Mink or rabbits
- All other livestock

☐ **YES** - [*Enter the kind and number of livestock or poultry below.*]
☐ **NO** - [*Go to* ***Step 6.***]

Kind of Livestock, Poultry or Animal Specialty	Number on your CENSUS PLACE December 31, 1997

(*If more space is needed, use a separate sheet of paper.*)

STEP 6:

1. In what county was the largest value of your agricultural products raised or produced in 1997? . . . . . .

a. If you also had agricultural operations in any other county(ies), enter the county name(s), etc. . . . .

	County Name	State	Number of Acres
Principal County			
Other Counties			

2. Please provide names and mailing addresses of the landlords **FROM** whom you rented land, used land rent free or worked land on shares (*acres reported in* ***Step 2, question 2***). If you had more than three landlords, provide information for the three largest acreages.

Name of Landlord	Mailing Address, City, State, ZIP Code	Number of Acres

3. Provide names and mailing addresses of the persons **TO** whom you rented land (*acres reported in* ***Step 2, question 3***). If you rented land to more than three persons, provide information for the three largest acreages.

Name of Tenant	Mailing Address, City, State, ZIP Code	Number of Acres

4. How many of the acres rented or leased **TO OTHERS** did you own? . . . . . NONE ☐ _____ acres

Continue On Page 6

STEP 7: **This step asks for information about any person(s) who may have been involved in your CENSUS PLACE during 1997. We know that our mailing list contains outdated addresses as well as duplicates and we need to make sure we count each *"farm"* or *"ranch"* only once.**

1. What is the name of the person making the majority of the management decisions regarding your **CENSUS PLACE**?

   This person will be referred to as the **OPERATOR** of your **CENSUS PLACE**

First Name:	Middle Name:	Last Name:

2. What is the name of the **operator's SPOUSE**?

First Name:	Middle Name:	Last Name:

3. Does the operator live on your **CENSUS PLACE**?

   ☐ **YES**
   ☐ **NO**

4. At which occupation did the operator spend the majority (*50 percent or more*) of his/her worktime in **1997**?

   ☐ **Farming** or **Ranching**
   ☐ **Other**

5. In what year did the operator begin to operate any part of your **CENSUS PLACE**?

   ☐ **Year**

6. What was the operator's age on **December 31,1997**?

   ☐ **Years of age**

7. What is the race of the operator?

   ☐ **White**
   ☐ **Black, African American or Negro**
   ☐ **American Indian**
   ☐ **Asian or Pacific Islander**
   ☐ **Other** - (*Specify*):

8. What is the operator's sex?

   ☐ **Male**
   ☐ **Female**

9. Is the operator of Spanish, Hispanic or Latino origin or background, regardless of race?

   ☐ **YES**
   ☐ **NO**

10. In the past two years, has the operator received mail at any address other than the one shown on the mail label?

    INCLUDE address changes made by the post office

    ☐ **YES** - [*Enter the other address below.*]
    ☐ **NO** - [*Go to **question 11.***]

    Mailing Address, City, State, ZIP Code:

11. Was any farm/ranch or business name, other than the name on the mailing label, used for your **CENSUS PLACE** in **1997**?

    ☐ **YES** - [*Enter the other name and address below.*]
    ☐ **NO** - [*Go to **question 12.***]

Farm or Business Name:	Mailing Address, City, State, ZIP Code:

Continue On Page 7

STEP 7: *(Continued)*

12. Which type of organization best describes your **CENSUS PLACE** in **1997**?

- ☐ **Individual** or **family operation** *(sole proprietorship)* (***Excluding*** *partnerships or corporations)*
- ☐ **Partnership operation** (***Including*** *family partnerships)*
- ☐ **Corporation** - incorporated under State law (***Including*** *family-held corporations)*
- ☐ **Other** - such as estate or trust, prison farm, grazing association, Indian reservation, etc.

(Specify):

13. At any time during **1997**, were there any other individuals associated with the operation of your **CENSUS PLACE**?

For example:
- Partners, relatives, managers or other associated persons *(but not hired help)*
- All individuals whether they lived on or off your **CENSUS PLACE**

☐ **YES** - [*Enter the information for* ***each person below.***]
☐ **NO** - [*Go to* ***Step 8.***]

Name	Mailing Address, City, State, ZIP Code	Family relationship of this individual to operator of CENSUS PLACE	Business relationship of this individual to operator of CENSUS PLACE

(If more space is needed, use a separate sheet of paper.)

STEP 8: **This step asks about the total gross value of sales and government payments for your CENSUS PLACE in 1997.**

1. What was the total gross value of sales for your **CENSUS PLACE** in **1997**?

INCLUDE:
- Sales of all crops, livestock, poultry and livestock products *(milk, eggs, etc.)* sold in **1997**
- The value of products removed for all crops, livestock and poultry produced under production contracts in **1997**
- Sales of all miscellaneous agricultural products in **1997**
- The value of government CCC loans received in **1997**
- Landlord's share of crops sold in **1997**

DO NOT INCLUDE payments for participation in Federal farm programs
DO NOT INCLUDE income received in payment for the use of land

- ☐ None
- ☐ Less than $1,000
- ☐ $ 1,000 to $ 2,499
- ☐ $ 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 to $249,999
- ☐ $ 250,000 to $499,999
- ☐ $ 500,000 to $999,999
- ☐ $1,000,000 or more

2. Please list the crops, livestock, poultry or their products sold or removed from your **CENSUS PLACE** in **1997**:

3. What was the total amount received in **1997** for participation in Federal farm programs? . . . . . NONE ☐ $ .00

Continue with Step 10, On Page 8

STEP 9: **Complete this step ONLY if you answered "NO" to ALL questions in Step 1.**

Please answer these questions for the person or operation named on the mailing label.

		YES	NO
1.	Was all of your land removed from agricultural production before **January 1, 1997**?	☐	☐
2.	During **1997**, did you rent out your land for agricultural production?	☐	☐
3.	During **1997**, did you participate as a partner, investor or corporate member of a farm or ranch operated by someone else?	☐	☐
4.	Did you retire from farming or ranching before **January 1, 1997**?	☐	☐
5.	Are you no longer involved in an agricultural operation?	☐	☐
6.	Was the farm or ranch sold before **January 1, 1997?**	☐	☐
7.	During **1997**, did you participate in agricultural activities other than agriculture production, such as farm supplier, feed mill operator, provider of custom work, farm market owner, etc.?	☐	☐
8.	Is there any other reason you were not involved in agriculture during **1997**?	☐	☐

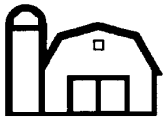
If **YES**, please specify:

STEP 10: **Person completing this report - Please Print**

Name:	Date:	Telephone: ( )
		(Area Code) *(Number)*

THANK YOU FOR YOUR HELP.

*Please place this form in the enclosed postage paid envelope and mail to your **State Agricultural Statistics Service**.*



AG CENSUS USA

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The time required to complete this information collection is estimated to average 15 minutes per response.

Appendix E.
Conversion From the 1987 Standard Industrial Classification System to the 1997 North American Industry Classification System

In previous agriculture censuses, farms were classified by type of activity or activities according to the Standard Industrial Classification (SIC). For 1997 a new classification system, the North American Industry Classification System (NAICS), replaced the SIC. NAICS was developed jointly by Mexico, Canada, and the United States to make the industrial statistics produced in the three countries comparable.

Table A ''Selected Characteristics of Farms by Standard Industrial Classification: 1997'' is provided as a bridge table and will not be provided in future census publications. Table B ''1997 NAICS U.S. Matched to 1987 U.S. SIC'' provides excerpts from the 1997 NAICS Manual[1] to assist the data user when making comparisons of establishment data between classification systems. The following text describes the classification methodology for the SIC system.

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.

The SIC groupings, 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, mustard seed, oats, popcorn, rye, safflower, sorghum, sunflowers, and other small grains.

Cotton (0131). Cotton and cottonseed.

Tobacco (0132). Tobacco.

Sugarcane, sugar beets, potatoes, hay, peanuts, and other field crops (0133, 0134, 0139). Sugarcane, sugar beets, potatoes, alfalfa, broomcorn, clover, grass seed, hay, hops, mint, peanuts, sweet potatoes, 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, shrubbery, 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, goats' 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 including 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 three-digit industry group.

[1]North American Industry Classification System, United States, 1997. For sale by the National Technical Information Service (NTIS), U.S. Department of Commerce, Springfield, VA 22161 or contact the NTIS website at http://www.ntis.gov/search htm/.

Table A. **Selected Characteristics of Farms by Standard Industrial Classification: 1997**

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

SIC code	Farms	Land in farms (acres)	Harvested cropland (acres)	Estimated market value of selected capital assets[1], 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
Total[2]	**90 792**	**31 166 699**	**23 323 249**	**566 587**	**80 651**	**11 947 894**	**6 187 269**	**5 760 625**
Crops (01)	52 024	22 013 588	18 162 857	719 786	97 540	5 996 214	5 312 986	683 228
Cash grains (011)	47 484	21 454 370	17 916 257	765 771	102 952	5 847 582	5 185 197	662 385
Wheat (0111)	25	4 862	1 456	169 063	29 525	223	214	9
Rice (0112)	–	–	–	–	–	–	–	–
Corn (0115)	24 113	10 657 520	9 296 221	795 847	106 307	2 868 729	2 798 569	70 160
Soybeans (0116)	10 575	3 657 152	3 022 244	590 389	81 286	879 863	857 777	22 087
Cash grains, n.e.c. (0119)	12 771	7 134 836	5 596 336	854 245	114 564	2 098 767	1 528 638	570 129
Field crops, except cash grains (013)	2 506	276 903	104 134	158 047	28 166	23 622	22 044	1 578
Cotton (0131)	–	–	–	–	–	–	–	–
Tobacco (0132)	–	–	–	–	–	–	–	–
Sugarcane and sugar beets (0133)	–	–	–	–	–	–	–	–
Irish potatoes (0134)	4	(D)	(D)	866 686	(D)	(D)	(D)	–
Field crops, except cash grains, n.e.c. (0139)	2 502	274 122	(D)	155 897	27 768	(D)	(D)	1 578
Vegetables and melons (016)	250	13 583	7 450	89 353	17 111	5 808	5 614	194
Fruits and tree nuts (017)	206	10 057	2 077	144 098	33 875	2 611	2 591	20
Berry crops (0171)	26	(D)	(D)	39 882	26 241	404	404	–
Grapes (0172)	2	(D)	(D)	–	–	(D)	(D)	(D)
Tree nuts (0173)	–	–	–	–	–	–	–	–
Citrus fruits (0174)	–	–	–	–	–	–	–	–
Deciduous tree fruits (0175)	102	4 023	1 317	149 931	42 477	2 116	(D)	(D)
Fruits and tree nuts, n.e.c. (0179)	76	5 387	566	169 950	20 271	(D)	(D)	(D)
Horticultural specialties (018)	461	20 532	9 823	234 318	74 118	70 124	69 991	132
Ornamental floriculture and nursery products (0181)	443	19 650	9 349	238 976	72 897	68 690	(D)	(D)
Food crops grown under cover (0182)	18	882	474	159 607	93 700	1 434	(D)	(D)
General farms, primarily crop (019)	1 117	238 143	123 116	300 053	42 477	46 467	27 548	18 919
Livestock and animal specialties (02)	38 591	9 144 063	5 158 373	362 334	58 198	5 949 703	872 324	5 077 379
Livestock, except dairy, poultry, and animal specialties (021)	26 962	7 180 102	4 423 817	412 295	64 459	4 956 630	774 117	4 182 513
Beef cattle feedlots (0211)	3 905	1 483 011	979 177	603 985	94 268	1 137 571	155 032	982 539
Beef cattle, except feedlots (0212)	10 531	1 855 466	513 080	196 597	27 755	365 962	55 677	310 285
Hogs (0213)	9 043	2 679 709	2 151 904	563 742	94 485	2 963 066	416 582	2 546 484
Sheep and goats (0214)	1 246	60 602	13 787	115 009	18 152	18 620	1 429	17 190
General livestock, except dairy, poultry, and animal specialties (0219)	2 237	1 101 314	765 869	697 125	98 253	471 411	145 397	326 014
Dairy farms (024)	2 682	747 586	500 682	400 834	89 494	441 106	51 306	389 800
Poultry and eggs (025)	432	65 653	44 317	442 380	108 612	424 479	12 294	412 185
Broiler, fryer, and roaster chickens (0251)	61	10 217	6 310	245 358	69 141	11 755	1 460	10 295
Chicken eggs (0252)	194	24 140	16 385	522 406	126 650	299 496	4 358	295 138
Turkeys and turkey eggs (0253)	104	26 178	21 363	741 702	136 078	92 351	6 420	85 931
Poultry hatcheries (0254)	14	527	(D)	144 511	318 955	19 817	–	19 817
Poultry and eggs, n.e.c. (0259)	59	4 591	(D)	183 439	21 768	1 059	56	1 003
Animal specialties (027)	2 005	107 138	9 578	130 106	23 962	21 649	714	20 935
Fur-bearing animals and rabbits (0271)	28	1 222	(D)	170 293	43 729	2 627	(D)	(D)
Horses and other equines (0272)	1 760	93 708	8 309	128 934	21 829	10 813	478	10 335
Animal aquaculture (0273)	15	1 473	(D)	90 889	15 444	1 619	(D)	(D)
Animal specialties, n.e.c. (0279)	202	10 735	816	137 789	39 937	6 590	(D)	(D)
General farms, primarily livestock and animal specialties (029)	6 510	1 043 584	179 979	211 228	26 812	105 839	33 893	71 946

[1]Data are based on a sample of farms.
[2]Detail may not add to total because some farms classified in the North American Industry Classification System are not farms under the Standard Industrial Classification system.

Table B. **1997 NAICS U.S. Matched to 1987 U.S. SIC**

	1997 NAICS code	1997 NAICS U.S. description	1987 SIC code	1987 U.S. SIC description
	11	Agriculture, Forestry, Fishing and Hunting		
	111	Crop Production		
	1111	Oilseed and Grain Farming		
	11111	Soybean Farming	0116	Soybeans
	11112	Oilseed (except Soybean) Farming	*0119	Cash Grains, NEC (oilseed, except soybean farming)
	11113	Dry Pea and Bean Farming	*0119	Cash Grains, NEC (dry pea and bean farms)
	11114	Wheat Farming	0111	Wheat
	11115	Corn Farming	0115	Corn
			*0119	Cash Grains, NEC (popcorn farming)
	11116	Rice Farming	0112	Rice
	11119	Other Grain Farming		
US	111191	Oilseed and Grain Combination Farming	*0119	Cash Grains, NEC (oilseed and grain combination farms)
US	111199	All Other Grain Farming	*0119	Cash Grains, NEC (except popcorn, soybean, and dry pea and bean, and oilseed and grain combination farms)
	1112	Vegetable and Melon Farming		
	11121	Vegetable and Melon Farming		
CAN	111211	Potato Farming	0134	Irish Potatoes
CAN	111219	Other Vegetable (except Potato) and Melon Farming	0161	Vegetables and Melons
			*0139	Field Crops Except Cash Grains (sweet potatoes and yams)
	1113	Fruit and Tree Nut Farming		
	11131	Orange Groves	*0174	Citrus Fruits (orange groves and farms)
	11132	Citrus (except Orange) Groves	*0174	Citrus Fruits (except, orange groves and farms)
	11133	Noncitrus Fruit and Tree Nut Farming		
US	111331	Apple Orchards	*0175	Deciduous Tree Fruits (apple orchards and farms)
US	111332	Grape Vineyards	0172	Grapes
US	111333	Strawberry Farming	*0171	Berry Crops (strawberry farms)
US	111334	Berry (except Strawberry) Farming	*0171	Berry Crops (except strawberry farms)
US	111335	Tree Nut Farming	0173	Tree Nuts
US	111336	Fruit and Tree Nut Combination Farming	*0179	Fruits and Tree Nuts, NEC (combination farms)
US	111339	Other Noncitrus Fruit Farming	*0175	Deciduous Tree Fruits (except apple orchards and farms)
			*0179	Fruit and Tree Nuts, NEC (except combination farms)
	1114	Greenhouse, Nursery, and Floriculture Production		
	11141	Food Crops Grown Under Cover		
CAN	111411	Mushroom Production	*0182	Food Crops Grown Under Cover (mushrooms, growing of)
CAN	111419	Other Food Crops Grown Under Cover	*0182	Food Crops Grown Under Cover (except mushroom, growing of)
	11142	Nursery and Floriculture Production		
CAN	111421	Nursery and Tree Production	*0181	Ornamental Floriculture and Nursery Products (nursery farming)
			*0811	Timber Tracts (short rotation woody crops)

US—United States industry only. CAN—United States and Canadian industries are comparable. When neither US nor CAN appears, Canadian, Mexican, and United States are comparable. *—Part of; NEC—Not Elsewhere Classified.

	1997 NAICS code	1997 NAICS U.S. description	1987 SIC code	1987 U.S. SIC description
CAN	111422	Floriculture Production	*0181	Ornamental Floriculture and Nursery Products (floriculture farming)
	1119	Other Crop Farming		
	11191	Tobacco Farming	0132	Tobacco
	11192	Cotton Farming	0131	Cotton
	11193	Sugarcane Farming	*0133	Sugarcane and Sugar Beets (sugarcane farms)
	11194	Hay Farming	*0139	Field Crops, Except Cash Grains, NEC (hay farms)
	11199	All Other Crop Farming		
US	111991	Sugar Beet Farming	*0133	Sugarcane and Sugar Beets (sugar beet farms)
US	111992	Peanut Farming	*0139	Field Crops, Except Cash Grains, NEC (peanut farms)
US	111998	All Other Miscellaneous Crop Farming	*0139	Field Crops, Except Cash Grains, NEC (except peanut, sweet potato, yam and hay farms)
			0191	General Farms, Primarily Crop
			*0831	Forest Products (maple sap, gathering of)
			*0919	Miscellaneous Marine Products (plant aquaculture)
			*2099	Food Preparations, NEC (reducing maple sap to maple syrup)
	112	Animal Production		
	1121	Cattle Ranching and Farming		
	11211	Beef Cattle Ranching and Farming, including Feedlots		
US	112111	Beef Cattle Ranching and Farming	0212	Beef Cattle, Except Feedlots
			*0241	Dairy Farms (dairy heifer replacement farms)
US	112112	Cattle Feedlots	0211	Beef Cattle Feedlots
	11212	Dairy Cattle and Milk Production	*0241	Dairy Farms
	11213	Dual Purpose Cattle Ranching and Farming		Null Set for U.S.
	1122	Hog and Pig Farming		
	11221	Hog and Pig Farming	0213	Hogs
	1123	Poultry and Egg Production		
	11231	Chicken Egg Production	0252	Chicken Eggs
	11232	Broilers and Other Meat Type Chicken Production	0251	Broiler, Fryers, and Roaster Chickens
	11233	Turkey Production	0253	Turkey and Turkey Eggs
	11234	Poultry Hatcheries	0254	Poultry Hatcheries
	11239	Other Poultry Production	0259	Poultry and Eggs, NEC
	1124	Sheep and Goat Farming		
	11241	Sheep Farming	*0214	Sheep and Goats (sheep farms)
	11242	Goat Farming	*0214	Sheep and Goats (goat farms)
	1125	Animal Aquaculture		
	11251	Animal Aquaculture		
US	112511	Finfish Farming and Fish Hatcheries	*0273	Animal Aquaculture (finfish farms)
			*0921	Fish Hatcheries and Preserves (finfish hatcheries)
US	112512	Shellfish Farming	*0273	Animal Aquaculture (shellfish farms)
			*0921	Fish Hatcheries and Preserves (shellfish hatcheries)
US	112519	Other Animal Aquaculture	*0273	Animal Aquaculture (except finfish and shellfish)
			*0279	Animal Specialties, NEC (alligator and frog production)
	1129	Other Animal Production		
	11291	Apiculture	*0279	Animal Specialties, NEC (apiculture)
	11292	Horse and Other Equine Production	0272	Horse and Other Equine

US—United States industry only. CAN—United States and Canadian industries are comparable. When neither US nor CAN appears, Canadian, Mexican, and United States are comparable. *—Part of; NEC—Not Elsewhere Classified.

1997 NAICS code	1997 NAICS U.S. description	1987 SIC code	1987 U.S. SIC description
11293	Fur-Bearing Animal and Rabbit Production	0271	Fur-Bearing Animals and Rabbits
11299	All Other Animal Production	0219	General Livestock, Except Dairy and Poultry
		*0279	Animal Specialties, NEC (except apiculture)
		0291	General Farms, Primarily Livestock and Animal Specialties

US—United States industry only. CAN—United States and Canadian industries are comparable. When neither US nor CAN appears, Canadian, Mexican, and United States are comparable. *—Part of; NEC—Not Elsewhere Classified.

Appendix F.
Units of Weights, Measures, and Metric Conversion Factors

To convert the U.S. domestic units to metric units, use the following conversion factors:

Standard units
1 acre = 0.4047 hectare
1 square foot (sq. ft.) = 0.093 square meter
1 pound (avoirdupois) = 0.45359 kilograms
1 hundredweight (cwt) = 100 pounds = 45.359 kilograms
1 ton = 2000 pounds = 0.907 metric ton
1 gallon = 3.785 liters

This table contains the units of weights, measures, and conversion factors associated with the commodities shown. There are some variations among commodities in weight per unit of volume resulting from differences in size or variety of commodity.

Commodity	Unit published	Approximate net weight	
		U.S. pounds	Metric kilograms
Barley for grain	Bushel	48	21.772
Buckwheat	Bushel	48	21.772
Corn for grain	Bushel, shelled	56	25.401
Cotton	Bale	480 Lint	217.724
Dry cowpeas and southern peas	Bushel	60	27.216
Emmer and spelt	Bushel	40	18.144
Flaxseed	Bushel	56	25.401
Goat milk	Gallon	8.6	3.895
Oats for grain	Bushel	32	14.515
Proso millet	Bushel	50	22.680
Rye for grain	Bushel	56	25.401
Sorghum for grain	Bushel	56	25.401
Soybeans for beans	Bushel	60	27.216
Sweetpotatoes	Bushel	55	24.948
Triticale	Bushel	56	25.401
Wheat, all types	Bushel	60	27.216

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Item	State tables	County tables	Appendix tables
A			
Abnormal farms, selected characteristics	19	–	–
Abnormal farms by North American Industry Classification System (NAICS)	19	–	–
Age of operator	1,16,17,46–52	11,12	CC,CD,CG
Agricultural chemicals purchased	1,3,10,15,45–52	3,12	CC,CD,CF
Agricultural products sold, market value	1,2,10,17–19,45–52	1,2,4,12,35	CA,CB,CC,CD,CE,CF,CG
Agricultural services income	5,46–52	4	CC,CD
Alfalfa hay	41,42,46–52	12,28	CC,CD
Alfalfa seed	42	28	–
Almonds	43,46–52	31	–
American Indian operators	17	37	BA,BB
Angora goats	40	20	–
Animal production specialties	17,18,19,46–52	25	EB
Apples	43,46–52	31	–
Apricots	–	31	–
Aquaculture products	40	23	–
Artichokes	–	29	–
Asian or Pacific Islander operator	17	37	–
Asparagus	42	29	–
Assets, value	1,10–12,18,45–52	1,6,9,12	–
Austrian winter peas	–	28	–
Average size of farm	1,19,45-52	1,12	CC,CD,CE,CG
Avocados	43	31	–
B			
Bahia grass seed	–	28	–
Balers, pickup	13,46–52	9	–
Bananas	43	31	–
Barley for grain	1,41,42,46–52	1,12,13,26	CC,CD,CE,CF
Barley for grain, sales value	2,46–52	2,12	CC,CD
Beans, dry edible	41,42,46–52	1,12,13,27	CC,CD,CE,CF
Beans, dry lima	–	27	–
Beans, green lima	–	29	–
Beans, snap (bush and pole)	42,46–52	29	–
Beans, soybeans	1,41,42,46–52	1,12,13,27	–
Bedding plants	44	33	–
Beef cows	1,24,28,46–52	1,12,14	BB,CC,CD,CE,CF
Bees, colonies	40	22	–
Beets, sugar	41,42,46–52	1,12,13,27	CC,CD,CE,CF
Beets, table	–	29	–

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Item	State tables	County tables	Appendix tables
B—Con.			
Bentgrass seed	–	28	–
Bermuda grass seed	–	28	–
Berries	42,46–52	32	–
Birdsfoot trefoil seed	–	28	–
Blackberries	42	32	–
Black operators and other races	16,17,46–52	35–37	CG
Blueberries, tame and wild	42	32	–
Bluegrass seed, Kentucky	42	28	–
Boysenberries	–	32	–
Breeding hogs and pigs	31,34–36,46–52	12,15	–
Broccoli	42	29	–
Broilers	1,20,22,46–52	1,12,16	CC,CD,CE,CF
Bromegrass seed	–	28	–
Brussels sprouts	–	29	–
Buckwheat	–	26	–
Bulbs	44	33	CC,CD,CF
Bulls, bull calves, steers, and steer calves	24,26–29,46–52	12,14	BB
Burros, donkeys, and mules	40	25	–
C			
Cabbage	–	29	–
Canola	42	26	–
Cantaloups	42	29	–
Carrots	42	29	–
Cash rent, expenses	3,10,46–52	3,12	CC,CD,CF
Cash rent or share payments received, farm-related income	5,46–52	–	CC,CD
Catfish sales	–	23	–
Cattle and calves, inventory	1,10,24,26–29,45–52	1,12,14	BB,CA,CB,CC,CD,CE,CF
Cattle and calves, sales value	2,25–30,45–52	1,2,12,14	BB,CC,CD,CE
Cauliflower	42	29	–
Celery	–	29	–
Certificates, government farm programs payments	5	4	–
Chemicals, expenses	1,3,10,15,45–52	3,12	CC,CD,CF
Chemicals used	15,46–52	10	CC,CD
Cherries	43,46–52	31	–
Chickens (see Broilers, Layers, or Pullets)			
Chicory	–	29	–
Chinese cabbage	–	29	–
Chinese or ming peas	–	29	–
Christmas trees, cut	44	33	–
Citrus fruit	43,46–52	31	–
Clover seed	–	28	–
Coffee	43	31	–
Collards	–	29	–
Colonies of bees	40	22	–
Combines, grain and bean, all types	13,46–52	9,12	–
Commercial fertilizer, expenses	1,3,10,15,45–52	3,12	CC,CD,CF
Commercial fertilizer, used	15,46–52	10	CC,CD
Commercially mixed formula feed purchased	3,46–52	3,12	CC,CD

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Item	State tables	County tables	Appendix tables
C—Con.			
Commodity Credit Corporation loans	6,10,17,46–52	4	CC,CD
Conservation Reserve or Wetlands Reserve Programs, income from	5	4,12	–
Conservation Reserve or Wetlands Reserve Programs, land in	7,10,46-52	6	CC,CD
Contract labor expenses	3,10,46–52	3,12	CC,CD,CF
Corn for grain or seed	1,41,42,46–52	1,12,13,26	CA,CB,CC,CD,CE,CF
Corn for grain, sales value	2,46–52	2,12	CC,CD
Corn for silage or green chop	41,42,46–52	1,12,13,28	CC,CD,CE,CF
Corn, sweet	42,46–52	29	–
Corn, sweet, for seed	–	34	–
Corporation, family held	16,17,46–52	11,12	CC,CD
Corporation, nonfamily held	16,17,46–52	11,12	CC,CD
Corporation, type of organization	1,16,46–52	11,12	CC,CD,CG
Cotton, bales	1,41,42,46–52	1,12,13,27	CC,CD,CE,CF
Cotton and cottonseed, sales value	2,45–52	2,12	CC,CD
Cotton pickers and strippers	13,46–52	9	–
Cowpeas for dry peas	–	27	–
Cowpeas, green (green southern peas)	–	29	–
Cows and heifers that had calved	24,26-29,46–52	12,14	–
Cranberries	42	32	–
Crawfish	–	23	–
Crimson clover seed	–	28	–
Cropland for cover crops, legumes, and soil-improvement grasses	7,46–52	6	–
Cropland harvested	1,7–10,16–19,45–52	1,6–8,11,12,26–29,32, 34–36	BB,CA,CB,CC,CD CE,CF,CG
Cropland harvested, irrigated	8–10,46–52	8	BB,CC
Cropland idle	7,46–52	6	–
Cropland in cultivated summer fallow	7,46–52	6	–
Cropland on which all crops failed	7,46–52	6	–
Cropland, other	7,19	6,8	–
Cropland pastured	7,19,45–52	6	BB,CC,CD
Cropland total	1,7,10,19,45–52	1,6,12	BB,CC,CD,CE,CF
Crops, farms reporting, acres, production	1,42-44,46-52	1,12,13,26-34	CC,CD,CE,CF
Crops, including nursery and greenhouse crops, sales value	1,2,10,17-19	1,2,12	BB,CC,CD,CE
Cucumbers	42	29	–
Currants	–	32	–
Customwork, machine hire, and rental of machinery and equipment, expenses	3,10,46–52	3,12	CC,CD,CF
Customwork and other agricultural services, farm-related income	5,46–52	4	CC,CD
Cut Christmas trees harvested	44	33	–
Cut flowers	44	33	–
D			
Daikon	–	29	–
Dairy cows (milk cows), inventory	1,10,24,29,45–52	1,12,14	BB,CC,CD,CE,CF
Dairy products, sales value	2,29,45–52	2,12,14	CC,CD

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Item	State tables	County tables	Appendix tables
D—Con.			
Dates	–	31	–
Deaths and injuries	46–52	–	CC,CD
Defoliation, chemical control	15,46–52	10	–
Diesel fuel expenses	14,46–52	3	–
Dill for oil	–	34	–
Direct sales	2,46–52	4	CC,CD
Disease, control in crops and orchards	15,46–52	10	–
Donkeys, burros, and mules	40	25	–
Ducks, geese, and other poultry	20	16,24	–
E			
Eggplant	–	29	–
Electricity expenses	3,10,45–52	3,12	CC,CD,CF
Emmer and spelt	–	26	–
Endive	–	29	–
Equipment and machinery, estimated market value	1,10,12,18,19,45–52	1,9,12	BB,CC,CD,CE,CF
Equipment and machinery, selected items	13,46–52	9	–
Escarole	–	29	–
Estimated market value of land and buildings	1,10,11,18,19,45–52	1,6,12	BB,CA,CB,CC,CD,CE,CF
Ewes 1 year old or older	37–39,46–52	17	BB
Expenses, farm production	1,3,10,19,45–52	1,3,12	BB,CC,CD,CE,CF
F			
Family held corporations	16,17,46–52	11,12	CC,CD
Family or individual, type of organization	1,16,17,46–52	11,12	CC,CD,CG
Farmland, rental income	5,46–52	4	CC,CD
Farm production expenses	1,3,10,19,45–52	1,3,12	CC,CD,CE,CF
Farm-related income	5,10,19,46–52	4	CC,CD
Farms by principal occupation of operator	1,16,17,46–52	11,12	CC,CD,CG
Farms by combined government payments and market value of agricultural products sold	52	–	–
Farms by North American Industry Classification System (NAICS)	17,18,19,46-52	2,12	CC,CD,EB
Farms by size	1,8,17,46–52	1,6,7,12	CC,CD,CE,CF,CG
Farms by specified racial groups	17	37	–
Farms by Standard Industrial Classification (SIC)	–	–	EA
Farms by tenure of operator	16,17,19,46–52	11,12	CC,CD,CG
Farms by type of organization	1,16,17,46–52	11,12	CC,CD,CG
Farms by value of agricultural products sold	1,2,10,17,18,45–52	1,2	CC,CD,CE,CF,CG
Farms with net gains	4,46–51	4,12	CC,CD
Farms with net losses	4,46–51	4,12	CC,CD,CG
Farms, number	1,7–10,17–19,45–52	1,6,7,8	CA,CB,CC,CD,CE,CF,CG
Farms with sales of $10,000 or more	4,5,46–52	12,37,38	CD,CE
Farm-related deaths	46–52	–	CC,CD

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Item	State tables	County tables	Appendix tables
F—Con.			
Farm-related injuries	46–52	–	CC,CD
Fattened cattle sales	28,30,46–52	12,14	–
Feed purchased	1,3,10,45–52	3,12	CC,CD,CF
Feeder pigs sales	32,34–36,46–52	12,15	–
Female operators	16,17,46–52	11	CC,CD,CG
Fertilizer expenses	1,3,10,15,45–52	3,12	CC,CD,CF
Fertilizer used	15,46–52	10	CC,CD
Fescue seed	42	28	–
Field seed crops	42,45–52	28	CC,CD
Figs	–	31	–
Filberts	43	31	–
Fish sales	40	23	–
Flaxseed	42,46–52	26	–
Floriculture crops	44	33	–
Florist greens and flowers, cut	44	33	–
Flower and vegetable seeds	44	33	–
Flowering plants, potted	44	33	–
Flowers and florist greens, cut	44	33	–
Foliage plants	44	33	–
Forest products excluding Christmas trees and maple products sales, farm-related income	5,46–52	4	CC,CD
Foxtail millet seed	–	28	–
Fruit crops	43,46–52	31	–
Fruits, nuts, and berries, sales value	2,45–52	2,12	CC,CD
Fuel oil, kerosene, motor oil, grease, LP gas, etc., expenses	14,46–52	3	–
Full owners	16,17,19,46–52	11,12,36	CC,CD,CG
G			
Gains, farms with	4	4	CC,CD
Garlic	–	29	–
Gas, natural, expenses	14,46–52	3	–
Gasoline and other petroleum fuel and oil expenses	14,46–52	3	–
Geese, ducks, and other poultry	20	16,24	–
Ginger root	–	34	–
Ginseng	–	34	–
Goat milk sales	40	19	–
Goats	40,46–52	25	–
Goats, Angora	40	20	–
Goats, milk	40	19	–
Goats, other	40	25	–
Government farm programs payments	5	4	CC,CD
Government payments received, income	5,10,17,19,46–52	4,12	CC,CD
Grain hay	41,42	28	–
Grain, sales value	2,45–52	2,12	CC,CD
Grains	42,46–52	2,12,26	CC,CD
Grapefruit	43	31	–
Grapes	43,46–52	31	–
Grass silage, haylage, and green chop hay	42,46–52	12,28	–

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Item	State tables	County tables	Appendix tables
G—Con.			
Grazing permits	–	39	–
Grease, LP gas, fuel oil, kerosene, motor oil, etc., expenses	14,46–52	3	–
Greenhouse crops	44	2,33	–
Greenhouse vegetables	44	33	–
Guar	–	34	–
Guavas	43	31	–
H			
Harvested cropland	1,7,8,10,16–19,45–52	1,6–8,11,12,26–29,32, 34–36	BB,CA,CB,CC,CD, CE,CF,CG
Hay	1,42,46–52	1,12,13,28	CC,CD,CE,CF
Hay, silage, and field seeds, sales value	2,45–52	2,12	CC,CD
Haylage, grass silage, and green chop hay	41,42,46–52	28	–
Hazelnuts	43	31	–
Heifers and heifer calves	24,26–29,46–52	12,14	–
Hens (see Layers and pullets)			
Herbs	–	29,34	–
Hired farm labor expenses	1,3,10,45–52	3,5,12	CC,CD,CF
Hired labor (workers by days worked)	46–52	5	CC,CD
Hispanic origin, operators of (see Spanish origin)			
Hogs and pigs, inventory	1,10,31,34–36,45–52	1,12,15	CA,CB,CC,CD,CE,CF
Hogs and pigs, sales value	1,2,32,34–36,45–52	1,2,12,15	CC,CD,CE,CF
Hogs and pigs, litters farrowed	33,36,46–52	15	–
Honey sales	40	22	–
Honey tangerines	–	31	–
Honeydew melons	–	29	–
Hops	42	34	–
Horses and ponies	40,46–52	18	BB,CC,CD
Horticultural specialties (see Nursery and greenhouse crops)			
Hybrid striped bass	–	23	–
I			
Income from farm-related sources	5,10,19,46–52	4	CC,CD
Income (see Net cash return)	4,46–52	1,4	CC,CD,CE
Individual or family, type of organization	1,16,17,46–52	11,12	CC,CD,CG
Injuries and deaths	46–52	–	CC,CD
Insects, chemical control	15,46–52	10	–
Interest, debt not secured by real estate	3,46–52	3	CC,CD
Interest, debt secured by real estate	3,46–52	3	CC,CD
Interest expenses	1,3,10,45–52	3,12	CC,CD,CF
Irrigated land	1,8–10,19,41,42,46–52	1,8,12,26–30,32,34	CC,CD,CE,CF

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Item	State tables	County tables	Appendix tables
J			
Jojoba	–	34	–
K			
Kale	–	29	–
Kentucky bluegrass seed	42	28	–
Kerosene, motor oil, grease, LP gas, fuel oil, etc., expenses	14,46–52	3	–
Kiwifruit	–	31	–
Kumquats	–	31	–
L			
Labor expenses	1,3,10,45–52	3,12	CC,CD,CF
Ladino clover seed	–	28	–
Land in Conservation Reserve or Wetlands Reserve Programs	7,10,46–52	6,12	CC,CD
Land and buildings, estimated market value	1,10,11,18,19,45–52	1,6,12	BB,CA,CB,CC,CD,CE,CF
Land in farms, acres	1,7,8,10,16–19,45–52	1,6,11,12,35–39	BB,CA,CC,CD,CE,CF,CG
Land in farms, rented or leased	10,17,46–52	–	CC,CD
Land in house lots, ponds, roads, wasteland, etc.	7,19,46–52	6	CC,CD
Land in orchards (see Orchards)	1,41,42,46–52	12,13,30	CC,CD,CE,CF
Landlords	46–52	–	CC,CD
Land owned	10,17,46–52	–	CC,CD
Land rented or leased from others	46–52	–	CC,CD
Land rented or leased to others	46–52	–	CC,CD
Land use	7,10,19,46–52	6	CC,CD
Latino origin, operators of (See Spanish origin)			
Layers 20 weeks old and older	20-22,46-52	12,16	CA,CC,CD,CE,CF
Layers and pullets 13 weeks old and older but less than 20 weeks old	20,21,46-52	16	CC,CD,CE
Lemons	43	31	–
Lentils	42	27	–
Lespedeza seed	–	28	–
Lettuce and romaine	42	29	–
Lima beans, dry	–	27	–
Lima beans, green	42	29	–
Limes	–	31	–
Litters farrowed, hogs and pigs	33,36,46–52	15	–
Livestock and livestock products	40	25	CC,CD
Livestock and poultry, inventory	1	1,12,25	CA,CC,CD,CE,CF
Livestock and poultry purchased	1,3,10,45–52	3,12	CC,CD,CF
Livestock, poultry, and their products, sales value	1,2,10,17–19,45–52	1,2,12	CC,CD,CE
Loans, Commodity Credit Corporation	6,10,17,46–52	4	–
Loganberries	–	32	–
Losses, farms with	4	4	CC,CD
Lotus root	–	34	–
LP gas, fuel oil, kerosene, motor oil, grease, etc., expenses	14,46–52	3	–

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Item	State tables	County tables	Appendix tables
M			
Macadamia nuts	43	31	–
Machine hire, rental of machinery and equipment, and customwork expenses	3,10,46–52	3,12	CC,CD,CF
Machinery and equipment, estimated market value	1,10,12,18,19,45–52	1,9,12	BB,CC,CD,CE,CF
Machinery and equipment, selected	13,46–52	9	–
Male operators	16,17,46–52	11	CC,CD,CG
Mangoes	–	31	–
Maple trees tapped	–	34	–
Market value of agricultural products sold	1,2,10,17–19,45–52	1,2,4,12	BB,CA,CB,CC,CD, CE,CF,CG
Median size of farm	–	1	–
Melons	42	29	–
Milk cows (dairy cows)	1,10,24,29,45–52	1,12,14	CC,CD,CE,CF
Milk goats	40	19	–
Millet, proso	42	26	–
Millet seed, foxtail	–	28	–
Mink and their pelts	40	21	–
Mint for oil	42	34	–
Mohair sales	40	20	–
Motor oil, grease, LP gas, fuel oil, kerosene, etc., expenses	14,46–52	3	–
Motortrucks, including pickups	13,46–52	9,12	–
Mower conditioners	13,46–52	9	–
Mules, burros, and donkeys	40	25	–
Mungbeans for beans	–	34	–
Mushrooms	44	33	–
Mustard cabbage	–	29	–
Mustard greens	–	29	–
Mustard seed	–	26	–
N			
Natural gas expenses	14,46–52	3	–
Nectarines	–	31	–
Nematode control in crops	15,46–52	10	–
Net cash return from agricultural sales	4,46–52	1,4,12	CC,CD,CE,CF
Nonfamily held corporations	16,17,46–52	–	–
Nonresponse estimation	–	–	CA,CB
North American Industry Classification System (NAICS)	17–19, 46–52	2,12	CC,CD,EB
Number of farms	1,7–10,17–19,45–52	1,6–8	CA,CB,CC,CD,CE,CF,CG
Nursery and greenhouse crops	10,44,46–52	12,33	CC,CD
Nursery and greenhouse crops, sales value	1,2,10,44–52	2,12,33	CC,CD
Nursery crops–shrubs, trees, etc.	44	33	–
Nuts	2,43,45–52	1,2,12,13,31	CC,CD
O			
Oats, sales value	2,46–52	2,12	CC,CD
Oats for grain	1,41,42,46–52	1,12,13,26	CC,CD,CE,CF
Occupation of operator	1,16,17,46–52	1,11,12	CC,CD,CE,CG
Off-farm work by operator	1,16,17,46–52	1,11,12	CC,CD,CE
Okra	–	29	–

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Item	State tables	County tables	Appendix tables
O—Con.			
Olives	–	31	–
Onions, dry and green	42	29	–
Operator characteristics–residence, age, race, occupation, off-farm work, sex, Spanish, Hispanic, or Latino origin, years on present farm	16,17,46–52	1,11,12	CC,CD,CG
Operators by principal occupation	1,16,17,46–52	1,11,12	CC,CD,CE,CG
Oranges	43	31	–
Orchardgrass seed	–	28	–
Orchards, land in	1,41,42,46–52	12,13,30	CC,CD,CE,CF
Organization of farm	1,16,17,46–52	11,12	CC,CD,CG
Other farm production expenses	3,10,46–52	3,12	CC,CD,CF
Other crops, sales value	2,45–52	2,12	CC,CD
Other grains, sales value	2,46–52	2,12	CC,CD
Other livestock and livestock products, sales value	2,40,45–52	2,12,25	CC,CD
Other poultry	20	16,24	–
Owned land	10,17,46–52	11	CC,CD
Owners, full and part	16,17,19,46–52	11,12,36	CC,CD,CG
P			
Papayas	43	31	–
Parsley	–	29	–
Part owners	16,17,19,46–52	11,12,36	CC,CD,CG
Partnership, type of organization	1,16,17,46–52	11,12	CC,CD,CG
Passion fruit	–	31	–
Pastureland and grazing land	7,10,19,45–52	6	CC,CD
Pastureland and other land irrigated	9,10,46–52	8	–
Payroll expenses	1,3,10,45–52	3,5,12	–
Peaches	43,46–52	31	–
Peanuts for nuts	41,42,46–52	1,12,13,27	CC,CD,CE,CF
Pears	43	31	–
Peas, Austrian winter	–	28	–
Peas, Chinese or ming	–	29	–
Peas, dry edible	42	27	–
Peas, green	42,46–52	29	–
Pecans	43,46–52	31	–
Peppers, hot	–	29	–
Peppers, sweet	42	29	–
Persimmons	–	31	–
Petroleum products expenses	1,3,10,14,45–52	3,12	CC,CD,CF
Pheasants	–	24	–
Pickup balers	13,46–52	9	–
Pigeons or squab	–	24	–
Pimientos	–	29	–
Pineapples	1,42,46–52	1,12,13,34	CC,CD,CE,CF
Pistachios	43	31	–
Plants, bedding	44	33	–
Plums	43	31	–
Pomegranates	–	31	–
Ponies and horses	40,46–52	18	–
Popcorn	42	26	–
Potatoes, excluding sweetpotatoes	1,41,42,46–52	1,12,13,27	CC,CD,CE,CF

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Item	State tables	County tables	Appendix tables
P—Con.			
Potatoes, sweet	42,46–52	27	CC,CD
Poultry inventory	22,46–52	16,24	CC,CD
Poultry and poultry products, sales value	2,22,45–52	2,12,16,24	CC,CD
Poultry hatched	–	24	CD
Principal occupation of operator	1,16,17,46–52	1,11,12	CC,CE,CG
Production expenses	1,3,10,19,45–52	1,3,12	BB,CC,CD,CE,CF
Property taxes, expenses	3,10,46–52	3,12	CC,CD,CF
Proso millet	42	26	–
Prunes	43	31	–
Pullets	20–22,46–52	16	CC,CD
Pumpkins	–	29	–
Q			
Quail	–	24	–
R			
Rabbits and their pelts	40	25	–
Race of operator	16,17,46–52	37	CG
Radishes	–	29	–
Rangeland	7,19,46–52	6,10	BB,CC,CD
Rapeseed	42	26	–
Raspberries	42	32	–
Red clover seed	42	28	–
Redtop seed	–	28	–
Reliability estimates	–	–	CB,CC,CD,CE,CF
Rent paid in cash, expenses	3,10,46–52	3,12	CC,CD,CF
Rent received, farm-related income	5,46–52	4	CC,CD
Rented land	10,46–52	11	CC,CD
Repair and maintenance expenses	3,10,46–52	3,12	CC,CD,CF
Reservations	19	–	–
Residence of operator	16,17,46–52	11,12	CC,CD,CG
Rhubarb	–	29	–
Rice	1,41,42,46–52	1,12,13,26	CC,CD,CE,CF
Romaine and lettuce	42	29	–
Rye for grain	42	26	–
Ryegrass seed	42	28	–
S			
Safflower	–	26	CB
Sales of agricultural products	1,2,10,17–19,45–52	1,2,12	BB,CA,CC,CD,CE,CF,CG
Salt hay	–	34	–
Sales of forest products, excluding Christmas trees and maple products	5,46–52	4	CC,CD
Seeds, bulbs, plants, and trees purchased	3,10,46–52	3,12	CC,CD,CF
Sex of operator	16,17,46–52	11	CC,CD,CG
Sheep and lambs, inventory	10,37–39,46–52	1,12,17	BB,CC,CD,CE,CF
Sheep and lambs shorn	37–39,46–52	17	BB
Sheep, lambs, and wool, sales value	2,37–39,45–52	2,12,17	BB,CC,CD

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Item	State tables	County tables	Appendix tables
S—Con.			
Size of farm, average	1,19,45–52	1,6,7,12	CC,CD,CE,CF,CG
Small grain hay	42	12,28	–
Snap beans (bush and pole)	42,46–52	29	–
Sod	44	33	–
Sole proprietorship, type of organization	1,16,17,46–52	1,11,12	CC,CD,CG
Sorghum for grain or seed	1,41,42,46–52	1,12,13,26	CC,CD,CE,CF
Sorghum for grain or seed, sales value	2,46–52	1,2,12	CC,CD
Southern peas (cowpeas), dry	–	27	–
Southern peas (cowpeas), green	–	29	–
Soybeans for beans	1,41,42,46–52	1,12,13,27	CC,CD,CE,CF
Soybeans for beans, sales value	2,46–52	2,12	CC,CD
Spanish, Hispanic, or Latino origin, operators of	16,17,46–52	38	–
Spelt and emmer	–	26	–
Spinach	–	29	–
Squash	42	29	–
Standard Industrial Classification (SIC) of farms	–	–	EA
Steers, steer calves, bulls, and bull calves	24,26–29,46–52	12,14	BB
Strawberries	42	32	–
Sudangrass seed	–	28	–
Sugar beets for sugar	41,42,46–52	1,12,13,27	CC,CD,CE,CF
Sugarcane for sugar	1,41,42,46–52	1,12,13,27	CC,CD,CE,CF
Sunflower seed	1,42,46–52	1,12,13,26	CC,CD,CE,CF
Sweet clover seed	–	28	–
Sweet corn	42,45–52	29	–
Sweet corn for seed	–	34	–
Sweetpotatoes	42,46–52	27	CC,CD
T			
Tame dry hay	41,42,46–52	12,28	BB,CC,CD,CE,CF
Tangelos	–	31	–
Tangerines	–	31	–
Taro	–	34	–
Taxes, property, expenses	3,10,46–52	3,12	CC,CD,CF
Tenant operated farms	16,17,19,46–52	11,12,36	CC,CD,CG
Tenure of operator	16,17,19,46–52	11,12	CC,CD,CG
Timothy seed	–	28	–
Tobacco	1,41,42,46–52	1,12,13,27	CC,CD,CE,CF
Tobacco sales, value	2,45–52	2,12	CC,CD
Tomatoes	42,46–52	29	–
Tractors, wheel	13,46–52	9,12	–
Triticale	–	26	–
Trout sales	–	23	–
Trucks, including pickups	13,46–52	9,12	–
Turkeys, hens for breedings	20,23,46–52	16	–
Turkeys	20,23,46–52	16	–
Turnip greens	–	29	–
Turnips	–	29	–
Type of farm	17,18,46–52	12	–
Type of organization	1,16,17,46–52	11,12	CC,CD,CG

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Item	State tables	County tables	Appendix tables
V			
Value of agricultural products sold	1,2,10,17–19,45–52	1,2,4,12	BB,CA,CB,CC,CD, CE,CF,CG
Value of land and buildings	1,10,11,18,19,45–52	1,6,12	BB,CA,CB,CC,CD,CE,CF
Value of machinery and equipment	1,10,12,18,19,45–52	1,9,12	BB,CC,CD,CE
Value of sales from sheep, lambs, and wool	37–39,45–52	12	CC,CD
Vegetable and flower seeds	44	33	–
Vegetables, greenhouse	44	33	–
Vegetables harvested for sale	1,41,42,46–52	1,12,13,29	CC,CD,CE,CF
Vegetables, sweet corn, and melons, sales value	2,45–52	2,12	CC,CD
Vetch seed	–	28	–
W			
Walnuts, English	43,46–52	31	–
Watercress	–	29	–
Watermelons	42	29	–
Weeds, grass or brush, chemical control	15,46–52	10	–
Wetlands Reserve or Conservation Reserve Programs, acres	7,10,46–52	4,6,12	CC,CD
Wetlands Reserve or Conservation Reserve Programs, amount of government payments	5	4	–
Wheat for grain	1,41,42,46–52	1,12,13,26	BB,CA,CB,CC,CD,CE,CF
Wheat for grain, sales value	2,46–52	2,12	CC,CD
Wheatgrass seed	–	28	–
Wheel tractors	13,46–52	9,12	–
White clover seed	–	28	–
Wild hay	41,42	28	BB,CC,CD,CE,CF
Wild rice	–	26	–
Woodland	7,19,46–52	6	BB,CC,CD
Wool, pounds shorn	37–39,46–52	17	–
Workers by days worked (see hired labor)	46–52	5	CC,CD
Work off-farm by operator	1,16,17,46–52	1,11,12	CC,CD,CE
Y			
Years on present farm	16,17,45–52	11,12	CG

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