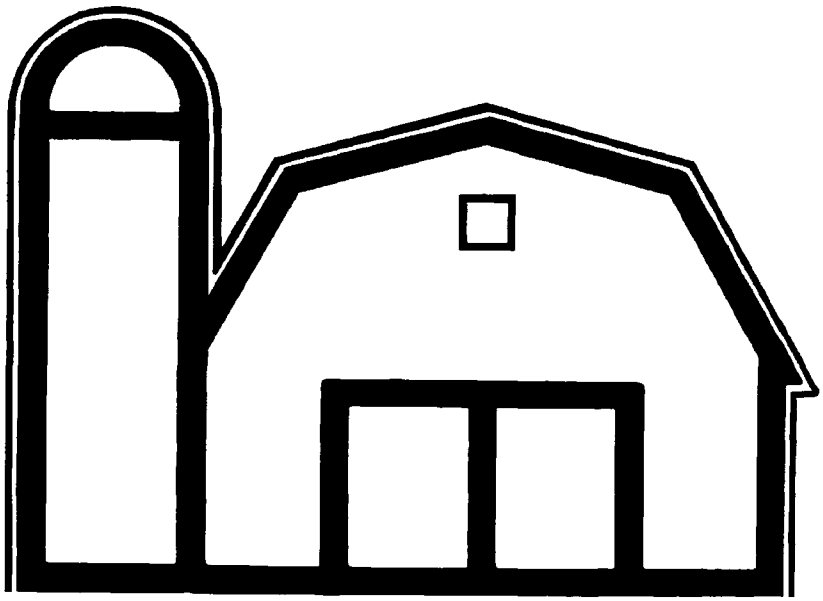
1987
Census of Agriculture

AC87-A-11

Volume 1
GEOGRAPHIC AREA SERIES

Part 11
Hawaii
State and County Data



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The press, farm magazines, radio and television stations, and farm organizations were most helpful in publicizing the census and encouraging cooperation of farm and ranch operators.

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

If you have any questions concerning the statistics in this report, call:
(301) 763-8555 Division Chief
(301) 763-8567 Crops Branch
(301) 763-8569 Livestock Branch
(301) 763-8566 Farm Economics Branch
(301) 763-1113 General Information
(301) 763-8558 Statistical Methodology

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Issued August 1989

U.S. Department of Commerce
Robert A. Mosbacher, Secretary
Michael R. Darby, Under Secretary
for Economic Affairs

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BUREAU OF THE CENSUS
C. L. Kincannon, Deputy Director

Charles A. Waite, Associate Director for Economic Programs
Roger H. Bugenhagen, Assistant Director for Economic and Agriculture Censuses

Thomas L. Mesenbourg, Chief, Economic Census Staff

AGRICULTURE DIVISION
Charles P. Pautler, Jr., Chief

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*Not published for this State.

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HISTORY

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

USES OF THE CENSUS

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

AUTHORITY AND AREA COVERED

The census of agriculture is required by law under Title 13, United States Code, sections 142(a) and 191, which directs that a census be taken in 1979, 1983, and in every fifth year after 1983 covering the prior year. The 1987 census includes each State, Puerto Rico, Guam, and the Virgin Island of the United States. A census of agriculture will be conducted in American Samoa and the Commonwealth of the Northern Mariana Islands in conjunction with the 1990 Census of Population and Housing.

FARM DEFINITION

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

COMPARABILITY OF DATA

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

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

TABULAR PRESENTATION

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

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

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

ADVANCE REPORTS

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

ELECTRONIC DATA DISSEMINATION

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

SPECIAL TABULATIONS

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

CENSUS DISCLOSURE RULES

In keeping with the provisions of Title 13, United States Code, no data are published that would disclose the operations of an individual farm. However, the number of farms in a given size category or other classification, such as size of farm, is not considered a release of confidential information and is provided even though other information is withheld.

INVENTORIES, PRODUCTION, AND SALES DATA

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

ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used throughout the tables:

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

Highlights of the State's Agriculture: 1987 and 1982

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

Item		All farms		
		1987	1982	Percent change from 1982 to 1987
Farms	number	4 870	4 595	6.0
Land in farms	acres	1 721 521	1 957 501	-12.1
Average size of farm	acres	353	426	-17.1
Value of land and buildings[1]:				
Average per farm	dollars	603 435	778 471	-22.5
Average per acre	dollars	1 707	1 826	-6.5
Farms by size:				
1 to 9 acres		2 855	2 743	4.1
10 to 49 acres		1 401	1 261	11.1
50 to 179 acres		341	320	6.6
180 to 499 acres		128	126	1.6
500 to 999 acres		31	33	-6.1
1,000 to 1,999 acres		36	33	9.1
2,000 acres or more		78	79	-1.3
Harvested cropland	farms	3 837	3 538	8.5
	acres	152 719	155 960	-2.1
Irrigated land	farms	1 827	1 544	18.3
	acres	148 884	145 982	2.0
Market value of agricultural products sold	$1,000	609 740	558 608	9.2
Average per farm	dollars	125 203	121 569	3.0
Crops, including nursery and greenhouse crops	$1,000	498 317	456 069	9.3
Grains	$1,000	-	3 392	-100.0
Cotton and cottonseed	$1,000	-	-	-
Tobacco	$1,000	-	-	-
Hay, silage, and field seeds	$1,000	630	(D)	(D)
Vegetables, sweet corn, and melons	$1,000	25 790	18 703	37.9
Fruits, nuts, and berries	$1,000	157 332	(D)	(D)
Nursery and greenhouse crops	$1,000	56 527	35 973	57.1
Other crops	$1,000	258 037	284 164	-9.2
Livestock, poultry, and their products	$1,000	111 424	102 539	8.7
Poultry and poultry products	$1,000	21 009	21 519	-2.4
Dairy products	$1,000	31 299	24 329	28.7
Cattle and calves	$1,000	43 881	45 495	-3.5
Hogs and pigs	$1,000	10 371	9 175	13.0
Sheep, lambs, and wool	$1,000	105	(D)	(D)
Other livestock and livestock products (see text)	$1,000	4 759	(D)	(D)
Farms by type of organization:				
Individual or family (sole proprietorship)		4 035	3 852	4.8
Partnership		404	351	15.1
Corporation		370	352	5.1
Other—cooperative, estate or trust, institutional, etc.		61	40	52.5
Operators by principal occupation:				
Farming		2 816	2 565	9.8
Other		2 054	2 030	1.2
Operators by days worked off farm:				
Any		2 728	2 534	7.7
200 days or more		1 476	1 371	7.7
Average age of operator	years	53.0	52.7	.6
Total farm production expenses[1]	$1,000	495 759	(NA)	(NA)
Selected farm production expenses[1]:				
Livestock and poultry purchased	$1,000	15 230	17 581	-13.4
Feed for livestock and poultry	$1,000	42 629	41 548	2.6
Commercial fertilizer[2]	$1,000	30 717	33 477	-8.2
Agricultural chemicals[2]	$1,000	18 233	16 417	11.1
Petroleum products	$1,000	17 197	19 864	-13.4
Hired farm labor	$1,000	193 230	146 277	32.1
Interest expense[3]	$1,000	22 930	17 771	29.0
Livestock and poultry inventory:				
Cattle and calves	farms	1 003	1 040	-3.6
	number	211 045	241 969	-12.8
Milk cows	farms	73	88	-17.0
	number	11 836	12 767	-7.3
Hogs and pigs	farms	372	371	.3
	number	47 564	49 029	-3.0
Chickens 3 months old or older	farms	181	201	-10.0
	number	(D)	929 210	(D)
Selected crops harvested:				
Sugarcane for sugar	farms	79	188	-58.0
	acres	79 234	89 696	-11.7
Pineapples harvested	farms	18	15	20.0
	acres	22 262	23 141	-3.8
Vegetables harvested for sale (see text)	farms	710	746	-4.8
	acres	5 587	4 673	19.5
Land in orchards	farms	2 128	1 825	16.6
	acres	33 564	23 178	44.8

[1]Data are based on a sample of farms.
[2]Data for 1987 include cost of custom applications.
[3]Data for 1982 do not include imputation for item nonresponse.

Figure 1. **State Map**

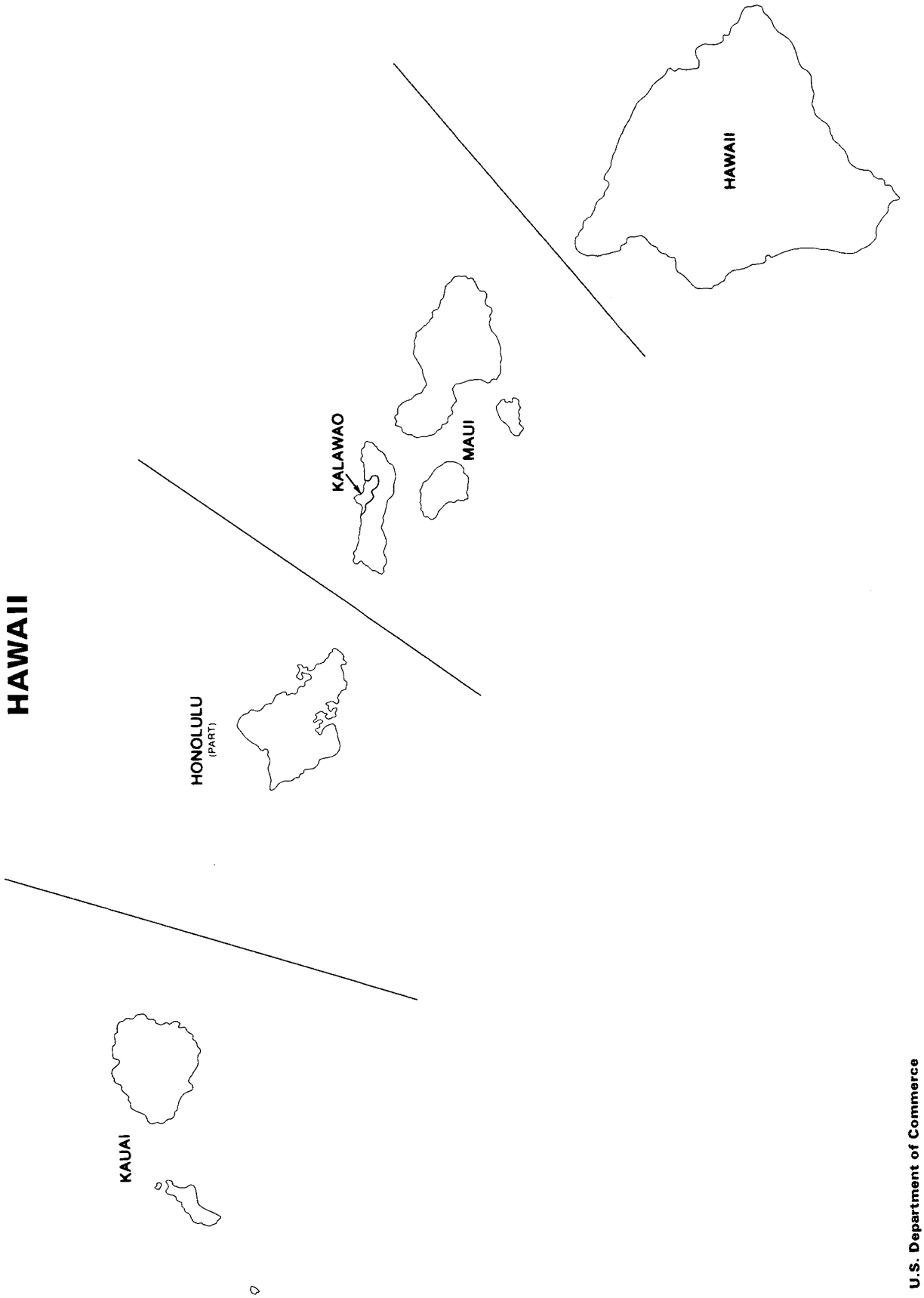

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Figure 2. **Profile of State's Agriculture: 1987**

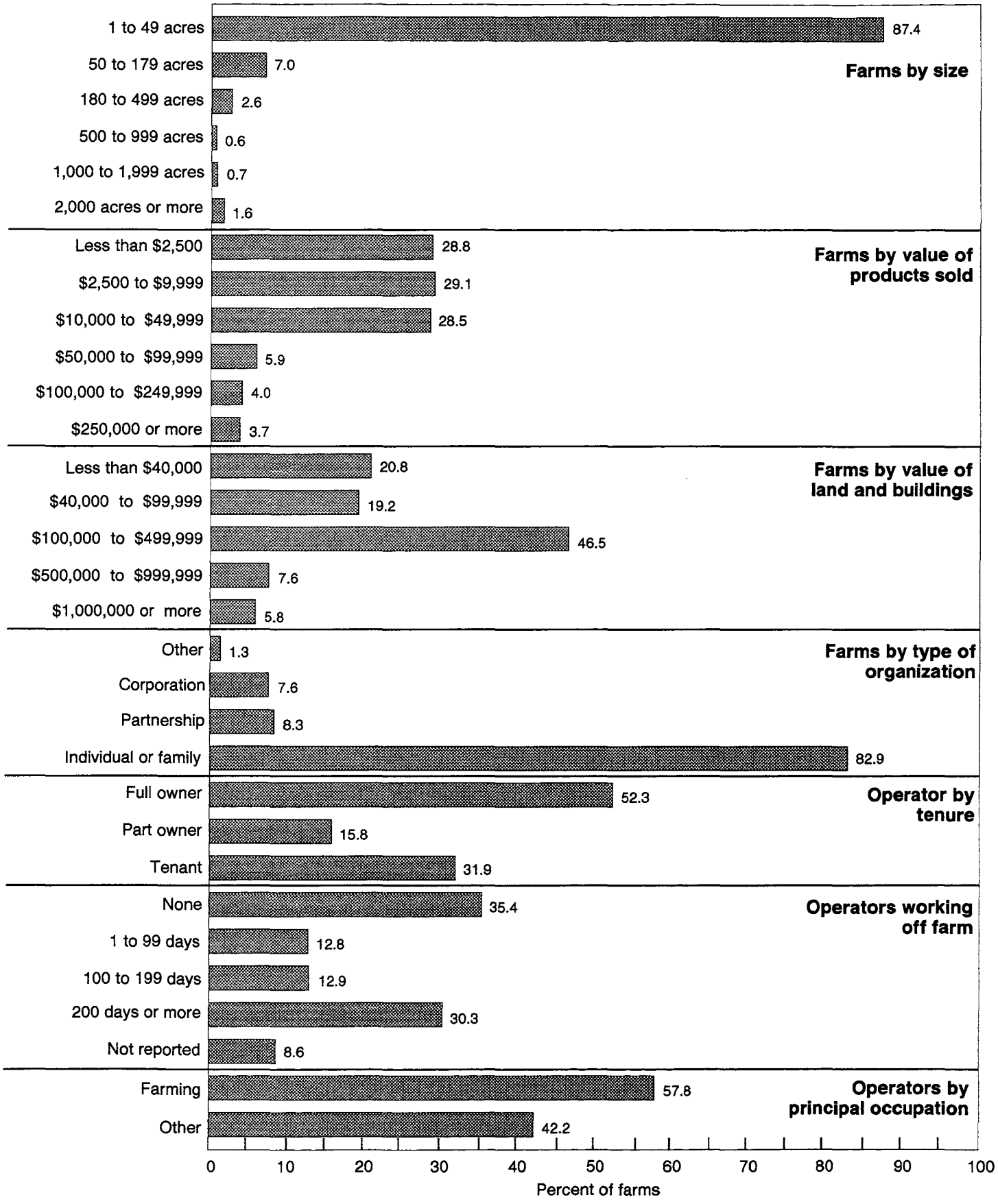

Figure 3. **Percent of Farms and of Value of Products Sold: 1987**

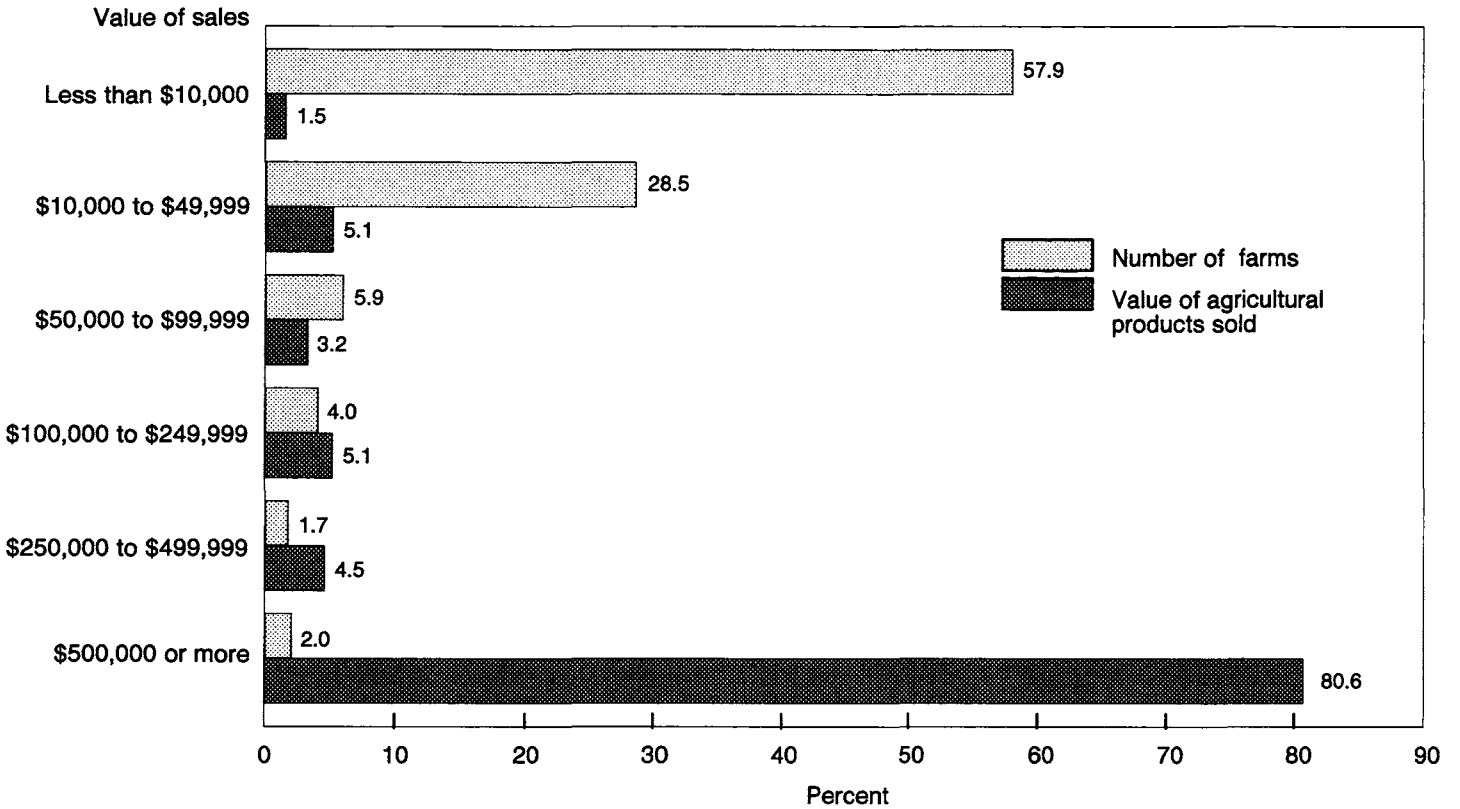

Figure 4. **Farms by Value of Agricultural Products Sold: 1959 to 1987**

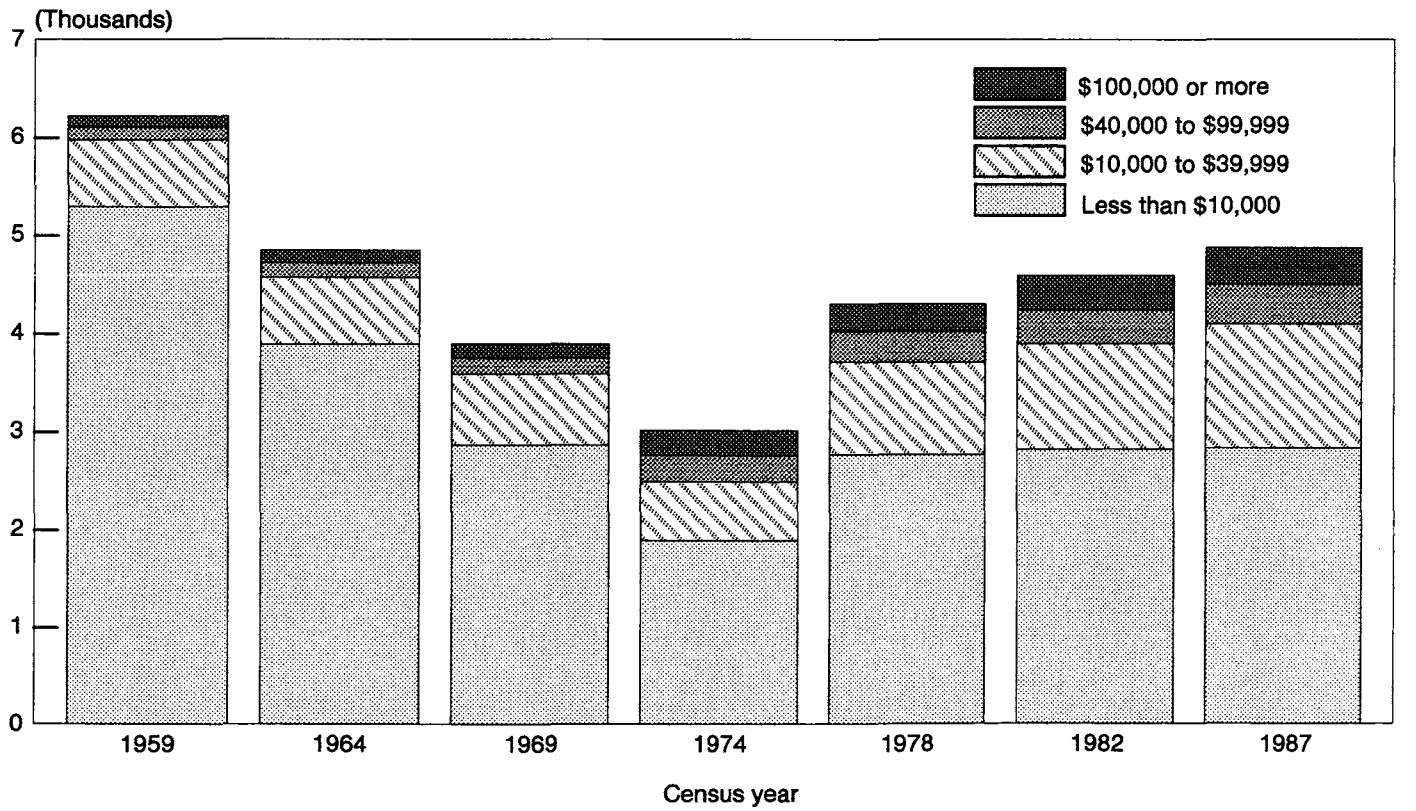

Figure 5. **Land Use: 1987**

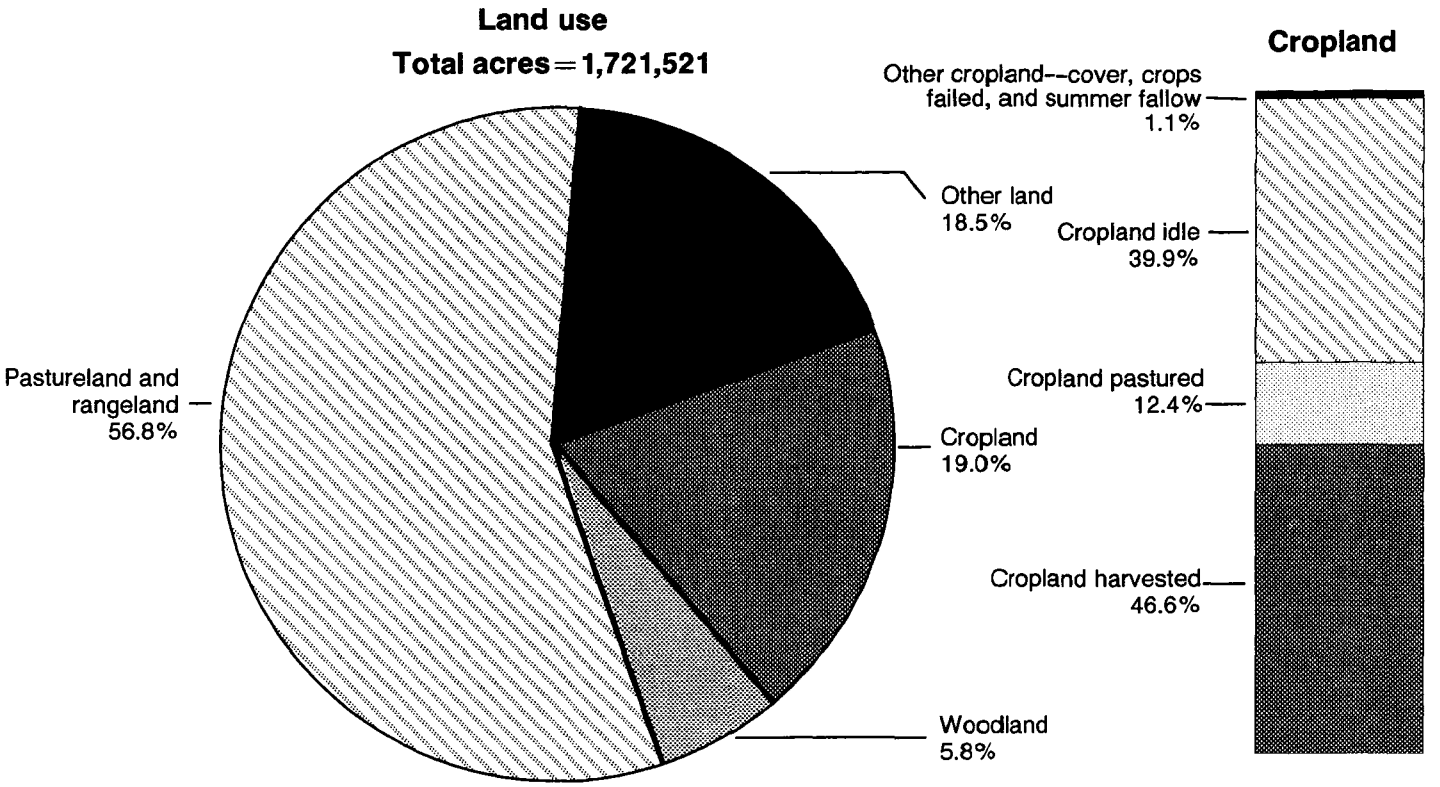

Figure 6. **Selected Crops Harvested: 1987**

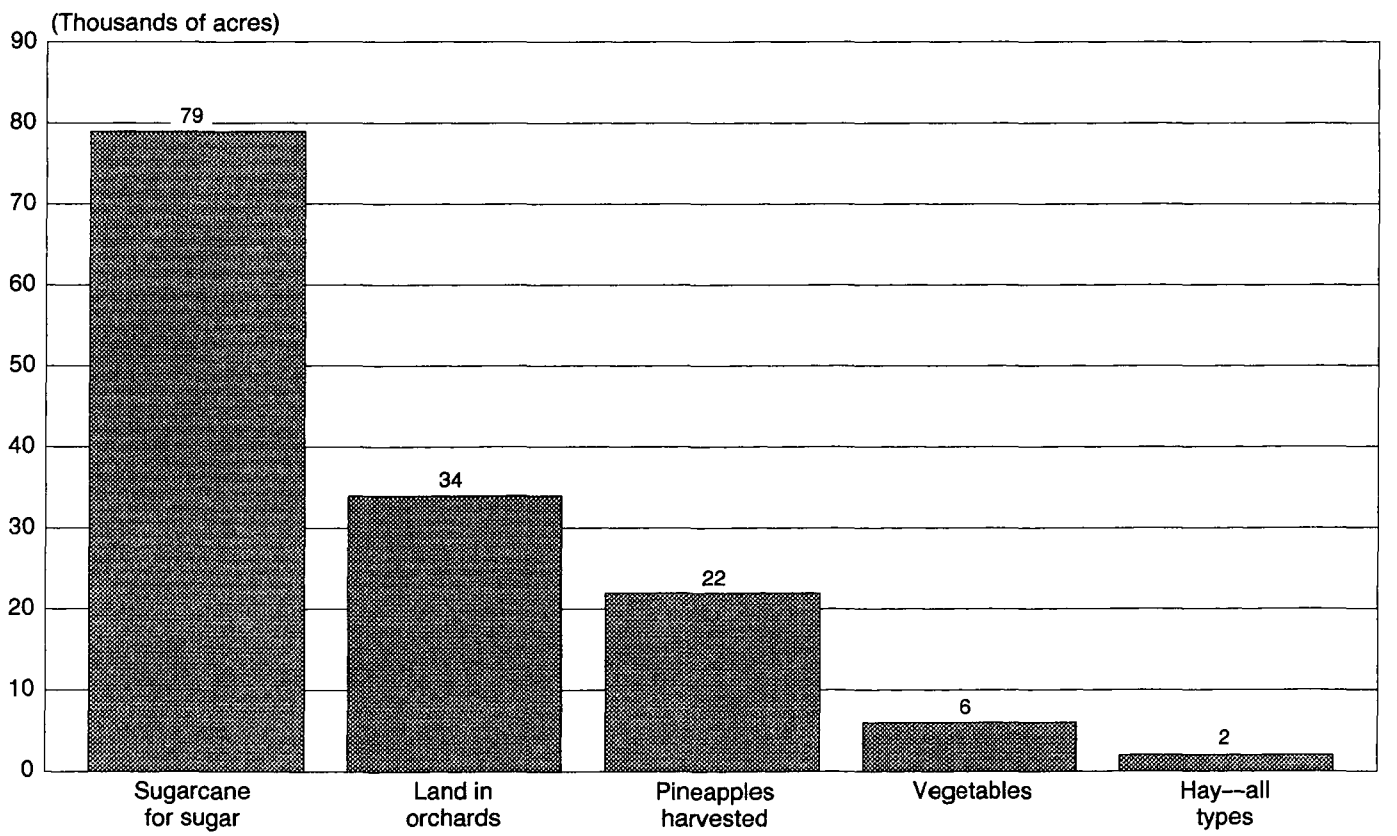

Figure 7. **Value of Livestock and Poultry Sold: 1987**

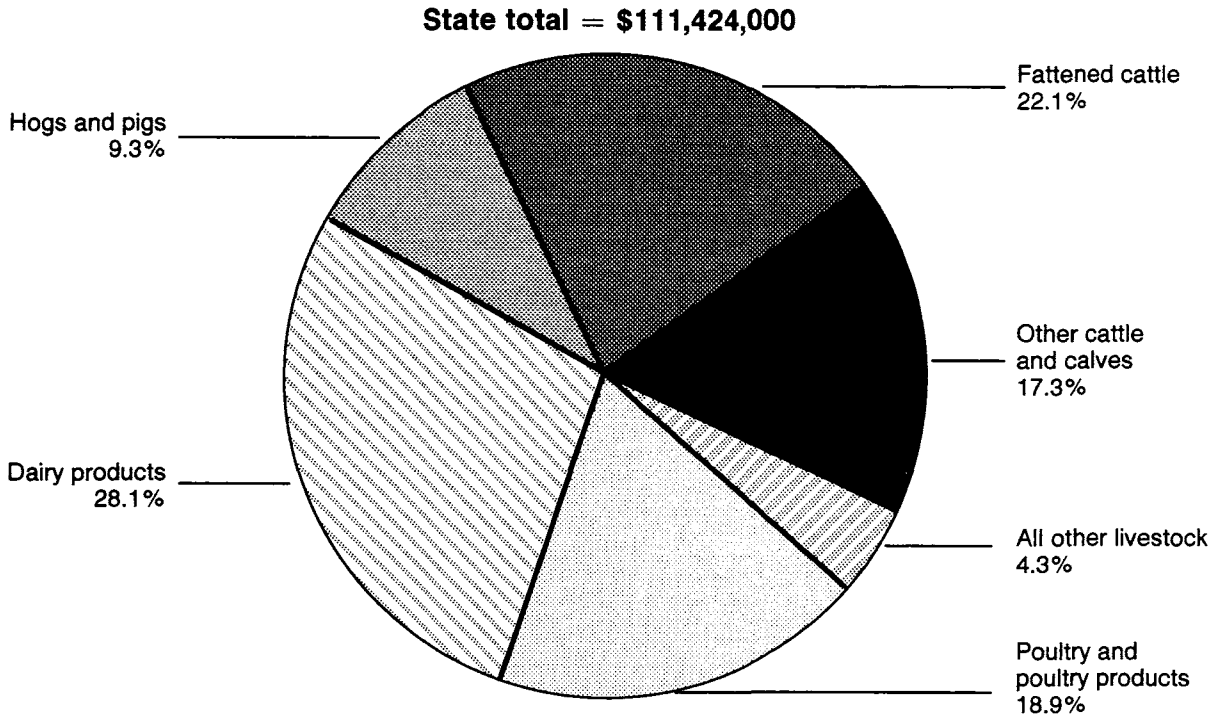

Figure 8. **Production Expenses: 1987**

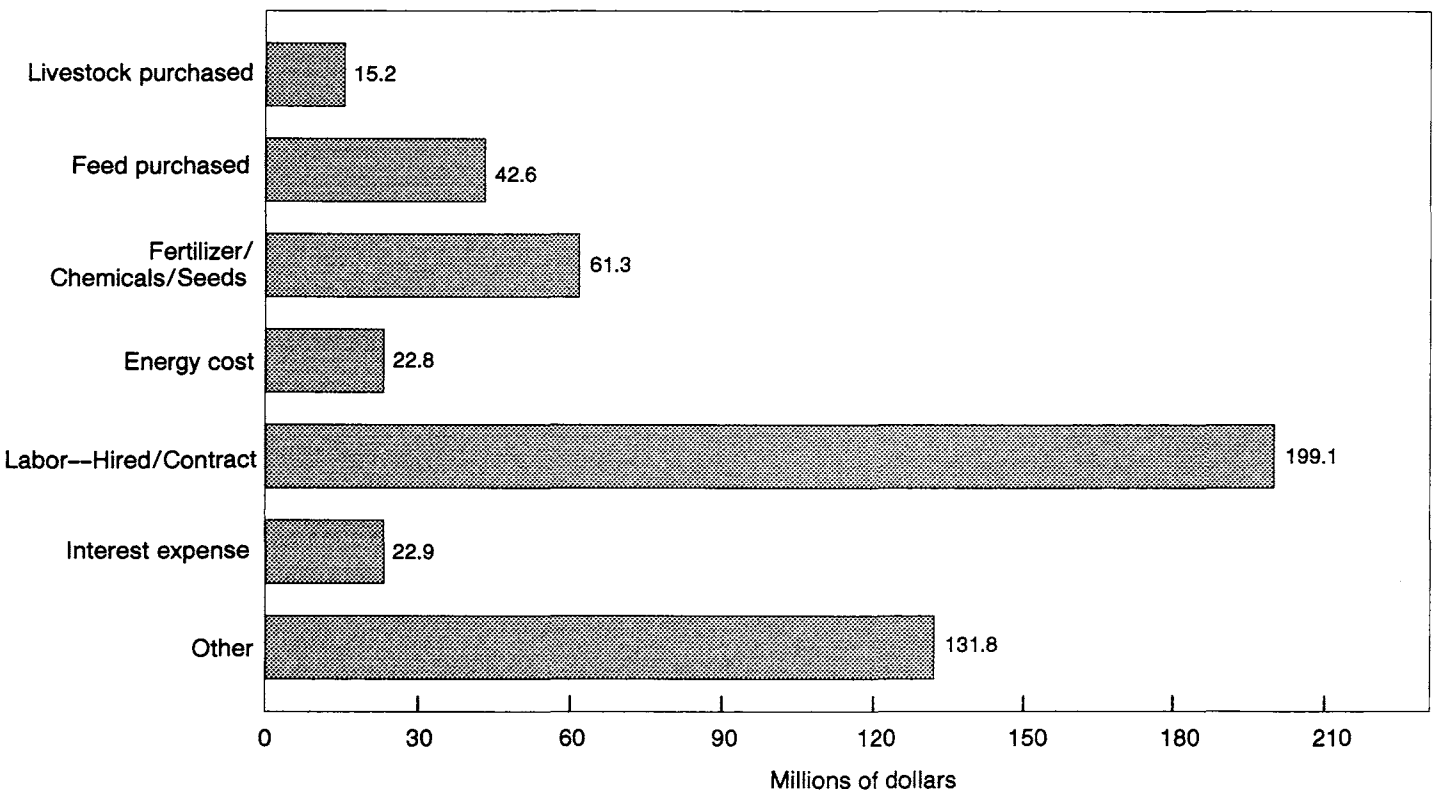

Table 1. Historical Highlights: 1987 and Earlier Census Years

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

All farms	1987	1982	1978	1974	1969	1964	1959	1954
Farms ..... number	4 870	4 595	4 310	3 020	3 896	4 864	6 242	(NA)
Land in farms ..... acres	1 721 521	1 957 501	1 988 282	2 118 976	2 058 087	2 354 454	2 461 454	(NA)
Average size of farm ..... acres	353	426	461	702	528	484	394	(NA)
Value of land and buildings[1]:								
Average per farm ..... dollars	603 435	778 471	413 948	340 570	156 800	98 936	(NA)	(NA)
Average per acre ..... dollars	1 707	1 826	897	485	297	205	(NA)	(NA)
Estimated market value of all machinery and equipment[1] $1,000	199 280	190 230	172 521	97 279	94 677	(NA)	(NA)	(NA)
Average per farm ..... dollars	41 208	41 735	41 047	39 115	27 418	(NA)	(NA)	(NA)
Farms by size:								
1 to 9 acres	2 855	2 743	2 527	1 633	2 024	2 603	3 569	(NA)
10 to 49 acres	1 401	1 261	1 211	872	1 281	1 594	1 988	(NA)
50 to 179 acres	341	320	296	271	336	359	385	(NA)
180 to 499 acres	128	126	146	127	140	168	155	(NA)
500 to 999 acres	31	33	24	23	28	38	34	(NA)
1,000 to 1,999 acres	36	33	32	24	17	22	111	(NA)
2,000 acres or more	78	79	74	70	70	80		
Total cropland ..... farms	4 170	3 836	3 565	2 485	3 089	3 631	4 908	(NA)
acres	327 396	346 113	333 262	351 627	379 766	370 896	499 504	(NA)
Harvested cropland ..... farms	3 837	3 538	3 299	2 265	2 750	3 422	4 113	(NA)
acres	152 719	155 960	158 639	151 433	178 657	167 497	176 410	(NA)
Irrigated land ..... farms	1 827	1 544	1 493	889	735	1 070	1 251	(NA)
acres	148 884	145 982	159 323	141 742	145 564	143 940	141 179	(NA)
Market value of agricultural products sold[2] $1,000	609 740	558 608	419 251	609 788	285 619	187 504	152 334	(NA)
Average per farm ..... dollars	125 203	121 569	97 274	201 917	73 311	38 549	24 405	(NA)
Crops, including nursery and greenhouse crops $1,000	498 317	456 069	331 020	536 537	236 177	151 862	120 072	(NA)
Livestock, poultry, and their products $1,000	111 424	102 539	88 230	73 237	49 364	35 558	32 107	(NA)
Farms by value of sales[3]:								
Less than $2,500	1 402	1 454	1 398	983	1 731	2 602	3 761	(NA)
$2,500 to $4,999	674	706	688	466	628	686	830	(NA)
$5,000 to $9,999	745	653	672	428	493	594	700	(NA)
$10,000 to $24,999[4]	911	788	675				930	(NA)
$25,000 to $49,999[5]	476	397	350	870	891	834	-	(NA)
$50,000 to $99,999	287	237	233				-	(NA)
$100,000 to $499,999	278	266	209	190	94	127	-	(NA)
$500,000 or more	97	87	71	64	48		-	(NA)
Farms by type of organization:								
Individual or family (sole proprietorship)	4 035	3 852	3 614	(NA)	(NA)	(NA)	(NA)	(NA)
Partnership	404	351	326	(NA)	(NA)	(NA)	(NA)	(NA)
Corporation	370	352	326	(NA)	(NA)	(NA)	(NA)	(NA)
Other—cooperative, estate or trust, institutional, etc.	61	40	44	(NA)	(NA)	(NA)	(NA)	(NA)
Operators by days worked off farm[6]:								
None	1 723	1 633	1 551	829	(NA)	(NA)	(NA)	(NA)
Any	2 728	2 534	2 495	1 449	2 494	2 726	3 693	(NA)
200 days or more	1 476	1 371	1 351	889	1 452	2 256	3 095	(NA)
Operators by principal occupation[6]:								
Farming	2 816	2 565	2 239	1 512	(NA)	(NA)	(NA)	(NA)
Other	2 054	2 030	2 071	1 290	(NA)	(NA)	(NA)	(NA)
Average age of operator[6] ..... years	53.0	52.7	52.7	55.4	53.1	51.0	49.5	(NA)
Total farm production expenses[1] $1,000	495 759	(NA)	(NA)	323 612	247 215	(NA)	(NA)	(NA)
Selected farm production expenses[1]:								
Livestock and poultry purchased $1,000	15 230	17 581	12 930	10 859	11 564	4 237	4 398	(NA)
Feed for livestock and poultry $1,000	42 629	41 548	34 227	37 136	16 131	14 060	10 974	(NA)
Commercial fertilizer[7] $1,000	30 717	33 477	26 530	18 807	14 523	11 466	(NA)	(NA)
Petroleum products $1,000	17 197	19 864	11 595	7 344	6 109	5 963	5 092	(NA)
Hired farm labor $1,000	193 230	146 277	131 217	88 464	84 455	57 345	54 116	(NA)
Interest expense[8] $1,000	22 930	17 771	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Agricultural chemicals[7] $1,000	18 233	16 417	13 700	8 374	7 844	(NA)	(NA)	(NA)
Livestock and poultry:								
Cattle and calves inventory ..... farms	1 003	1 040	839	580	831	1 540	1 903	(NA)
number	211 045	241 969	218 901	227 461	232 663	218 442	205 135	(NA)
Beef cows ..... farms	724	784	659	453	(NA)	1 051	(NA)	(NA)
number	83 427	90 523	85 623	86 601	83 516	77 383	63 692	(NA)
Milk cows ..... farms	73	88	76	73	99	200	538	(NA)
number	11 836	12 767	12 956	13 148	14 151	13 865	14 100	(NA)
Cattle and calves sold ..... farms	807	817	740	539	729	1 088	1 367	(NA)
number	101 315	91 675	105 088	96 419	93 632	62 765	62 630	(NA)
Hogs and pigs inventory ..... farms	372	371	399	261	369	1 035	1 759	(NA)
number	47 564	49 029	50 071	51 021	52 335	67 882	78 479	(NA)
Hogs and pigs sold ..... farms	307	319	352	261	338	695	1 027	(NA)
number	69 019	66 875	(D)	73 262	71 766	81 762	78 330	(NA)
Chickens 3 months old or older inventory[9] ..... farms	181	201	141	95	144	589	1 899	(NA)
number	(D)	929 210	1 243 801	1 305 449	1 072 425	1 044 516	805 933	(NA)
Broilers and other meat-type chickens sold ..... farms	12	23	27	20	35	49	133	(NA)
number	2 069 316	3 173 500	2 588 757	1 930 831	1 432 100	1 411 679	869 416	(NA)

See footnotes at end of table.

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

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

All farms		1987	1982	1978	1974	1969	1964	1959	1954
Selected crops harvested:									
Sugarcane for sugar	farms	79	188	328	(NA)	(NA)	705	774	(NA)
	acres	79 234	89 696	99 065	(NA)	(NA)	110 803	110 224	(NA)
	tons	7 934 181	8 950 242	9 213 485	(NA)	(NA)	10 740 597	9 391 223	(NA)
Pineapples harvested	farms	18	15	20	(NA)	(NA)	76	116	(NA)
	acres	22 262	23 141	25 314	(NA)	(NA)	38 415	44 352	(NA)
	tons	683 182	626 860	685 502	(NA)	(NA)	923 729	1 009 804	(NA)
Vegetables harvested for sale (see text)[10]	farms	710	746	751	532	574	728	923	(NA)
	acres	5 587	4 673	5 509	2 611	3 507	4 240	3 795	(NA)
Land in orchards	farms	2 128	1 825	1 438	982	1 198	1 802	2 653	(NA)
	acres	33 564	23 178	17 948	16 016	16 951	12 766	15 298	(NA)

[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 1959 are for $10,000 or more.
[5]Data for 1954 are for $25,000 or more.
[6]Data for 1974 apply only to individual or family operations (sole proprietorship) and partnerships; see text.
[7]Data for 1987 include cost of custom applications; data for agricultural chemicals exclude the cost of lime for 1987 and 1982.
[8]Data for 1982 do not include imputation for item nonresponse.
[9]Data for 1964 and prior years are for chickens 4 months old or older.
[10]Data for 1974 were from land area used.

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

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

Item		1987	Percent of total in 1987	1982	1978
Total sales (see text)	farms	4 870	100.0	4 595	4 310
	$1,000	609 740	100.0	558 608	419 251
Average per farm	dollars	125 203	(X)	121 569	97 274
Value of sales[1]:					
Less than $1,000 (see text)	farms	650	13.3	591	464
	$1,000	166	(Z)	154	160
$1,000 to $2,499	farms	752	15.4	863	934
	$1,000	1 209	.2	1 388	1 491
$2,500 to $4,999	farms	674	13.8	706	688
	$1,000	2 419	.4	2 538	2 417
$5,000 to $9,999	farms	745	15.3	653	672
	$1,000	5 310	.9	4 585	4 730
$10,000 to $19,999	farms	685	14.1	610	565
	$1,000	9 590	1.6	8 461	7 900
$20,000 to $24,999	farms	226	4.6	178	110
	$1,000	4 988	.8	3 915	2 416
$25,000 to $39,999	farms	358	7.4	291	270
	$1,000	11 260	1.8	8 980	8 485
$40,000 to $49,999	farms	118	2.4	106	80
	$1,000	5 180	.8	4 677	(D)
$50,000 to $99,999	farms	287	5.9	237	233
	$1,000	19 671	3.2	16 249	(D)
$100,000 to $249,999	farms	195	4.0	192	150
	$1,000	31 261	5.1	29 185	23 390
$250,000 to $499,999	farms	83	1.7	74	59
	$1,000	27 435	4.5	25 399	20 868
$500,000 to $999,999[2]	farms	36	.7	87	71
	$1,000	25 551	4.2	452 736	327 645
$1,000,000 or more	farms	61	1.3	-	-
	$1,000	465 703	76.4	-	-
Sales by commodity or commodity group:					
Crops, including nursery and greenhouse crops	farms	3 579	73.5	3 351	3 197
	$1,000	498 317	81.7	456 069	331 020
Grains	farms	-	-	11	10
	$1,000	-	-	3 392	1 397
Corn for grain	farms	-	-	11	(NA)
	$1,000	-	-	3 392	(NA)
Wheat	farms	-	-	-	(NA)
	$1,000	-	-	-	(NA)
Soybeans	farms	-	-	-	(NA)
	$1,000	-	-	-	(NA)
Sorghum for grain	farms	-	-	-	(NA)
	$1,000	-	-	-	(NA)
Barley	farms	-	-	(NA)	(NA)
	$1,000	-	-	(NA)	(NA)
Oats	farms	-	-	-	(NA)
	$1,000	-	-	-	(NA)
Other grains[3]	farms	-	-	-	(NA)
	$1,000	-	-	-	(NA)
Cotton and cottonseed	farms	-	-	-	-
	$1,000	-	-	-	-
Tobacco	farms	-	-	-	-
	$1,000	-	-	-	-
Hay, silage, and field seeds	farms	7	.1	5	5
	$1,000	630	.1	(D)	450
Vegetables, sweet corn, and melons	farms	708	14.5	746	751
	$1,000	25 790	4.2	18 703	15 337
Fruits, nuts, and berries	farms	1 747	35.9	1 518	1 292
	$1,000	157 332	25.8	(D)	73 505
Nursery and greenhouse crops	farms	1 139	23.4	1 050	1 008
	$1,000	56 527	9.3	35 973	24 291
Other crops	farms	497	10.2	590	638
	$1,000	258 037	42.3	284 164	216 040
Livestock, poultry, and their products	farms	1 201	24.7	1 213	1 158
	$1,000	111 424	18.3	102 539	88 230
Poultry and poultry products	farms	99	2.0	121	105
	$1,000	21 009	3.4	21 519	17 187
Dairy products	farms	23	.5	30	32
	$1,000	31 299	5.1	24 329	23 206
Cattle and calves	farms	807	16.6	817	740
	$1,000	43 881	7.2	45 495	39 625
Hogs and pigs	farms	307	6.3	319	352
	$1,000	10 371	1.7	9 175	(D)
Sheep, lambs, and wool	farms	27	.6	21	7
	$1,000	105	(Z)	(D)	(D)
Other livestock and livestock products (see text)	farms	148	3.0	160	144
	$1,000	4 759	.8	(D)	742

[1]Data for 1982 and 1978 exclude abnormal farms.
[2]Data for 1982 and 1978 are for $500,000 or more.
[3]Data for 1982 include barley.

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

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

Item	1987 Farms	1987 Expenses ($1,000)	1982	1978
Total farm production expenses ... farms	4 868	(X)	(NA)	(NA)
$1,000	(X)	495 759	(NA)	(NA)
Average per farm ... dollars	(X)	101 840	(NA)	(NA)
Farms with expenses of—				
$1 to $4,999	2 448	5 462	(NA)	(NA)
$5,000 to $9,999	874	6 282	(NA)	(NA)
$10,000 to $24,999	708	11 212	(NA)	(NA)
$25,000 to $49,999	321	11 175	(NA)	(NA)
$50,000 to $99,999	213	15 230	(NA)	(NA)
$100,000 to $249,999	143	22 467	(NA)	(NA)
$250,000 to $499,999	77	26 570	(NA)	(NA)
$500,000 or more	84	397 360	(NA)	(NA)
Livestock and poultry purchased ... farms	589	(X)	609	491
$1,000	(X)	15 230	17 581	12 930
percent of total	(X)	3.1	(NA)	(NA)
Farms with expenses of—				
$1 to $999	235	95	275	226
$1,000 to $4,999	209	474	197	136
$5,000 to $9,999	48	327	36	31
$10,000 to $24,999[1]	36	550	14 439 484	98
$25,000 to $49,999	23	795		-
$50,000 to $99,999	17	1 165	41	-
$100,000 to $249,999	15	2 386		-
$250,000 or more	6	9 438		-
Feed for livestock and poultry ... farms	945	(X)	1 029	927
$1,000	(X)	42 629	41 548	34 227
percent of total	(X)	8.6	(NA)	(NA)
Farms with expenses of—				
$1 to $999	533	181	594	559
$1,000 to $4,999	211	448	223	165
$5,000 to $9,999	40	274	56	46
$10,000 to $24,999[1]	57	905	14 439 512	157
$25,000 to $49,999	36	(D)		-
$50,000 to $79,999	6	(D)		-
$80,000 to $99,999	2	(D)	68	-
$100,000 or more	60	(D)		-
Commercially mixed formula feeds ... farms	358	(X)	396	325
$1,000	(X)	19 012	22 275	28 302
percent of total	(X)	3.8	(NA)	(NA)
Farms with expenses of—				
$1 to $999	181	62	185	131
$1,000 to $4,999	75	166	84	56
$5,000 to $9,999	16	122	22	20
$10,000 to $24,999[1]	21	317	14 439 467	118
$25,000 to $49,999	16	589		-
$50,000 to $79,999	5	285	62	-
$80,000 or more	44	17 471		-
Seeds, bulbs, plants, and trees ... farms	1 484	(X)	1 112	1 212
$1,000	(X)	12 316	9 667	2 033
percent of total	(X)	2.5	(NA)	(NA)
Farms with expenses of—				
$1 to $499	898	116	654	757
$500 to $999	179	119	138	147
$1,000 to $4,999	289	629	224	212
$5,000 to $9,999	53	333	42	45
$10,000 to $19,999	23	326	23	27
$20,000 to $24,999	7	149	31	24
$25,000 or more	35	10 645		
Commercial fertilizer[2] ... farms	3 524	(X)	3 158	3 172
$1,000	(X)	30 717	33 477	26 530
percent of total	(X)	6.2	(NA)	(NA)
Farms with expenses of—				
$1 to $499	1 601	357	1 801	1 644
$500 to $999	658	444	469	517
$1,000 to $4,999	941	1 892	580	771
$5,000 to $9,999	151	1 040	144	119
$10,000 to $24,999[1]	112	1 603	116	121
$25,000 to $29,999	12	317		-
$30,000 to $49,999	13	499	48	-
$50,000 to $99,999	11	752		-
$100,000 or more	25	23 813		-
Agricultural chemicals[2] ... farms	3 881	(X)	3 084	3 277
$1,000	(X)	18 233	16 417	13 700
percent of total	(X)	3.7	(NA)	(NA)
Farms with expenses of—				
$1 to $499	2 055	448	1 767	2 323
$500 to $999	681	461	494	384
$1,000 to $4,999	898	1 833	602	433
$5,000 to $9,999	138	919	114	73
$10,000 to $24,999	67	970	107	64
$25,000 to $49,999	13	502		
$50,000 or more	29	13 100		
Petroleum products ... farms	4 503	(X)	4 481	4 150
$1,000	(X)	17 197	19 864	11 595
percent of total	(X)	3.5	(NA)	(NA)
Farms with expenses of—				
$1 to $999	3 069	980	3 181	3 317
$1,000 to $4,999	1 173	2 394	1 011	677
$5,000 to $9,999	142	926	159	88
$10,000 to $24,999[1]	76	1 153	92	68
$25,000 to $39,999	13	393		-
$40,000 to $49,999	4	175	38	-
$50,000 or more	26	11 176		-

See footnotes at end of table.

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

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

Item	1987 Farms	1987 Expenses ($1,000)	1982	1978
Total farm production expenses—Con.				
Electricity ... farms	1 868	(X)	1 760	1 461
$1,000	(X)	5 611	4 162	8 211
percent of total	(X)	1.1	(NA)	(NA)
Farms with expenses of—				
$1 to $499	1 152	212	1 147	1 038
$500 to $999	284	183	231	195
$1,000 to $1,999	198	264	180	97
$2,000 to $4,999	118	342	100	68
$5,000 to $9,999	53	359		
$10,000 to $24,999	26	363	102	63
$25,000 or more	37	3 888		
Hired farm labor ... farms	1 224	(X)	1 271	1 202
$1,000	(X)	193 230	146 277	131 217
percent of total	(X)	39.0	(NA)	(NA)
Farms with expenses of—				
$1 to $999	261	102	260	262
$1,000 to $4,999	289	714	434	394
$5,000 to $9,999	140	945	139	140
$10,000 to $24,999[1]	171	2 653	271	406
$25,000 to $49,999	127	4 421		-
$50,000 to $79,999	77	4 745		-
$80,000 to $99,999	30	2 666	167	-
$100,000 or more	129	176 983		-
Contract labor ... farms	768	(X)	362	521
$1,000	(X)	5 885	3 455	2 396
percent of total	(X)	1.2	(NA)	(NA)
Farms with expenses of—				
$1 to $999	223	106	108	130
$1,000 to $4,999	334	830	146	287
$5,000 to $9,999	103	679	39	52
$10,000 to $24,999	75	1 080		
$25,000 to $49,999	15	536	69	52
$50,000 or more	18	2 653		
Repair and maintenance ... farms	3 612	(X)	(NA)	(NA)
$1,000	(X)	25 557	(NA)	(NA)
percent of total	(X)	5.2	(NA)	(NA)
Farms with expenses of—				
$1 to $999	2 263	788	(NA)	(NA)
$1,000 to $4,999	1 037	2 074	(NA)	(NA)
$5,000 to $9,999	145	948	(NA)	(NA)
$10,000 to $24,999	100	1 468	(NA)	(NA)
$25,000 to $49,999	28	925	(NA)	(NA)
$50,000 or more	39	19 353	(NA)	(NA)
Customwork, machine hire, and rental of machinery and equipment[3] ... farms	698	(X)	612	662
$1,000	(X)	8 175	6 415	5 022
percent of total	(X)	1.6	(NA)	(NA)
Farms with expenses of—				
$1 to $999	434	140	291	251
$1,000 to $4,999	191	380	204	234
$5,000 to $9,999	29	179	51	101
$10,000 to $24,999	20	290		
$25,000 to $49,999	8	296	66	76
$50,000 or more	16	6 890		
Interest[4] ... farms	1 285	(X)	1 421	(NA)
$1,000	(X)	22 930	17 771	(NA)
percent of total	(X)	4.6	(NA)	(NA)
Farms with expenses of—				
$1 to $999	337	142	497	(NA)
$1,000 to $4,999	510	1 216	537	(NA)
$5,000 to $9,999	161	1 079	177	(NA)
$10,000 to $24,999	163	2 462		
$25,000 to $49,999	63	2 170	210	(NA)
$50,000 to $99,999	34	2 548		
$100,000 or more	17	13 313		
Interest paid on debt:				
Secured by real estate	721	15 097	(NA)	(NA)
Not secured by real estate	726	7 833	(NA)	(NA)
Cash rent ... farms	1 668	(X)	(NA)	(NA)
$1,000	(X)	15 910	(NA)	(NA)
percent of total	(X)	3.2	(NA)	(NA)
Farms with expenses of—				
$1 to $499	546	124	(NA)	(NA)
$500 to $999	296	204	(NA)	(NA)
$1,000 to $4,999	596	1 286	(NA)	(NA)
$5,000 to $9,999	96	615	(NA)	(NA)
$10,000 to $24,999	67	(D)	(NA)	(NA)
$25,000 to $49,999	33	(D)	(NA)	(NA)
$50,000 or more	34	11 600	(NA)	(NA)
Property taxes paid ... farms	3 926	(X)	(NA)	(NA)
$1,000	(X)	5 142	(NA)	(NA)
percent of total	(X)	1.0	(NA)	(NA)
Farms with expenses of—				
$1 to $499	2 544	435	(NA)	(NA)
$500 to $999	741	504	(NA)	(NA)
$1,000 to $4,999	542	1 013	(NA)	(NA)
$5,000 to $9,999	43	289	(NA)	(NA)
$10,000 to $24,999	27	394	(NA)	(NA)
$25,000 or more	29	2 507	(NA)	(NA)

See footnotes at end of table.

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

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

Item	1987		1982	1978
	Farms	Expenses ($1,000)		
Total farm production expenses—Con.				
All other farm production expenses ..... farms..	4 428	(X)	(NA)	(NA)
$1,000..	(X)	76 996	(NA)	(NA)
percent of total..	(X)	15.5	(NA)	(NA)
Farms with expenses of—				
$1 to $999	2 509	856	(NA)	(NA)
$1,000 to $4,999	1 292	2 599	(NA)	(NA)
$5,000 to $9,999	199	1 356	(NA)	(NA)
$10,000 to $24,999	208	3 189	(NA)	(NA)
$25,000 to $49,999	87	2 915	(NA)	(NA)
$50,000 to $99,999	61	4 224	(NA)	(NA)
$100,000 or more	72	61 857	(NA)	(NA)

[1]Data for 1978 are for $10,000 or more.
[2]Data for 1987 include cost of custom applications; data for agricultural chemicals exclude the cost of lime for 1987 and 1982.
[3]Data for 1987 exclude cost of custom applications for commercial fertilizer and agricultural chemicals.
[4]Data for 1982 do not include imputation for item nonresponse.

Table 4. **Net Cash Return From Agricultural Sales: 1987**

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

Item	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..	4 869	2 048	2 821
$1,000..	113 904	117 599	-3 695
Average per farm ..... dollars..	23 394	57 421	-1 310
Farms with net gains[1] ..... number..	3 132	1 742	1 390
$1,000..	137 060	133 799	3 261
Average per farm ..... dollars..	43 761	76 808	2 346
Gain of—			
Less than $1,000	484	49	435
$1,000 to $4,999	970	184	786
$5,000 to $9,999	579	410	169
$10,000 to $24,999	591	591	-
$25,000 to $49,999	257	257	-
$50,000 or more	251	251	-
Farms with net losses ..... number..	1 737	306	1 431
$1,000..	23 156	16 200	6 956
Average per farm ..... dollars..	13 331	52 942	4 861
Loss of—			
Less than $1,000	426	25	401
$1,000 to $4,999	776	76	700
$5,000 to $9,999	214	36	178
$10,000 to $24,999	164	57	107
$25,000 to $49,999	71	35	36
$50,000 or more	86	77	9

[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: 1987 and 1982**

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

Item		All farms		Farms with sales of $10,000 or more	
		Farms	Value ($1,000)	Farms	Value ($1,000)
Government payments	1987	62	1 768	35	1 699
Average per farm[1]	1987	(X)	28 522	(X)	48 531
Farms with receipts of—					
$1 to $999		13	7	8	4
$1,000 to $4,999		43	123	22	(D)
$5,000 to $9,999		3	21	2	(D)
$10,000 to $24,999		-	-	-	-
$25,000 to $49,999		-	-	-	-
$50,000 or more		3	1 617	3	1 617
Amount received in cash	1987	62	1 768	35	1 699
Value of certificates received	1987	-	-	-	-
Other farm-related income, gross before taxes and expenses[2]	1987	530	3 730	236	2 915
Average per farm[1]	1987	(X)	7 038	(X)	12 350
Farms with receipts of—					
$1 to $999		173	56	76	24
$1,000 to $4,999		217	550	75	192
$5,000 to $9,999		74	514	25	180
$10,000 to $24,999		40	657	34	565
$25,000 to $49,999		17	556	17	556
$50,000 or more		9	1 398	9	1 398
Customwork and other agricultural services[3]	1987	239	1 947	94	1 473
	1982	146	1 963	70	1 873
Average per farm[1]	1987	(X)	8 148	(X)	15 665
	1982	(X)	13 447	(X)	26 756
1987 farms with receipts of—					
$1 to $999		48	18	16	6
$1,000 to $4,999		104	265	26	64
$5,000 to $9,999		51	370	17	(D)
$10,000 to $24,999		21	350	20	(D)
$25,000 to $49,999		12	378	12	378
$50,000 or more		3	567	3	567
Rental of farmland	1987	124	1 301	56	1 100
Average per farm[1]	1987	(X)	10 492	(X)	19 645
Farms with receipts of—					
$1 to $999		33	17	9	6
$1,000 to $4,999		58	147	27	(D)
$5,000 to $9,999		11	67	2	(D)
$10,000 to $24,999		10	156	6	99
$25,000 or more		12	914	12	914
Sales of forest products and Christmas trees	1987	36	152	12	110
Average per farm[1]	1987	(X)	4 220	(X)	9 148
Farms with receipts of—					
$1 to $999		13	5	3	2
$1,000 to $4,999		16	(D)	3	(D)
$5,000 to $9,999		2	(D)	1	(D)
$10,000 to $24,999		5	94	5	94
$25,000 or more		-	-	-	-
Other farm-related income sources	1987	156	330	88	232
Average per farm[1]	1987	(X)	2 116	(X)	2 639
Farms with receipts of—					
$1 to $999		96	23	57	14
$1,000 to $4,999		44	108	21	57
$5,000 to $9,999		11	71	5	33
$10,000 to $24,999		3	(D)	3	(D)
$25,000 or more		2	(D)	2	(D)

[1]Data are in whole dollars.
[2]Data are based on a sample of farms.
[3]Data for 1987 are based on a sample of farms; data for 1982 are nonsample and exclude abnormals from farms with sales of $10,000 or more.

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

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

CCC loans	1987		1982	
	Farms	Value ($1,000)	Farms	Value ($1,000)
Total	**6**	**394**	-	-
Average per farm[1]	(X)	65 636	(X)	-
Farms with loans of—				
$1 to $999	-	-	-	-
$1,000 to $4,999	-	-	-	-
$5,000 to $9,999	-	-	-	-
$10,000 to $19,999	3	(D)	-	-
$20,000 to $24,999	-	-	-	-
$25,000 to $49,999	-	-		
$50,000 or more	3	(D)		
Corn	-	-	(NA)	(NA)
Average per farm[1]	(X)	-	(X)	(NA)
Farms with loans of—				
$1 to $999	-	-	(NA)	(NA)
$1,000 to $9,999	-	-	(NA)	(NA)
$10,000 to $24,999	-	-	(NA)	(NA)
$25,000 or more	-	-	(NA)	(NA)
Wheat	-	-	-	-
Average per farm[1]	(X)	-	(X)	-
Farms with loans of—				
$1 to $999	-	-	(NA)	(NA)
$1,000 to $9,999	-	-	(NA)	(NA)
$10,000 to $24,999	-	-	(NA)	(NA)
$25,000 or more	-	-	(NA)	(NA)
Soybeans	-	-	(NA)	(NA)
Average per farm[1]	(X)	-	(X)	(NA)
Farms with loans of—				
$1 to $999	-	-	(NA)	(NA)
$1,000 to $9,999	-	-	(NA)	(NA)
$10,000 to $24,999	-	-	(NA)	(NA)
$25,000 or more	-	-	(NA)	(NA)
Sorghum, barley, and oats	-	-	(NA)	(NA)
Average per farm[1]	(X)	-	(X)	(NA)
Farms with loans of—				
$1 to $999	-	-	(NA)	(NA)
$1,000 to $9,999	-	-	(NA)	(NA)
$10,000 to $24,999	-	-	(NA)	(NA)
$25,000 or more	-	-	(NA)	(NA)
Cotton	-	-	-	-
Average per farm[1]	(X)	-	(X)	-
Farms with loans of—				
$1 to $999	-	-	(NA)	(NA)
$1,000 to $9,999	-	-	(NA)	(NA)
$10,000 to $24,999	-	-	(NA)	(NA)
$25,000 or more	-	-	(NA)	(NA)
Peanuts, rye, rice, tobacco, and honey	6	394	(NA)	(NA)
Average per farm[1]	(X)	65 636	(X)	(X)
Farms with loans of—				
$1 to $999	-	-	(NA)	(NA)
$1,000 to $9,999	-	-	(NA)	(NA)
$10,000 to $24,999	3	(D)	(NA)	(NA)
$25,000 or more	3	(D)	(NA)	(NA)

[1]Data are in whole dollars.

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

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

All farms		1987	Percent of total in 1987	1982	1978
Farms	number	4 870	100.0	4 595	4 310
Land in farms	acres	1 721 521	100.0	1 957 501	1 988 282
Total cropland	farms	4 170	85.6	3 836	3 565
	acres	327 396	19.0	346 113	333 262
Harvested cropland	farms	3 837	78.8	3 538	3 299
	acres	152 719	8.9	155 960	158 639
Farms by acres harvested:					
1 to 49 acres		3 746	76.9	3 457	3 204
1 to 9 acres		3 219	66.1	2 968	2 680
10 to 19 acres		363	7.5	324	330
20 to 29 acres		91	1.9	109	108
30 to 49 acres		73	1.5	56	86
50 to 99 acres		42	.9	30	44
100 to 199 acres		13	.3	17	14
200 to 499 acres		7	.1	8	12
500 to 999 acres		7	.1	3	2
1,000 acres or more		22	.5	23	23
1,000 to 1,999 acres		2	(Z)	1	2
2,000 acres or more		20	.4	22	21
Cropland used only for pasture or grazing	farms	460	9.4	400	272
	acres	40 504	2.4	33 557	27 191
Other cropland	farms	962	19.8	855	1 089
	acres	134 173	7.8	156 596	147 432
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	119	2.4	48	58
	acres	2 639	.2	(D)	665
Cropland on which all crops failed	farms	54	1.1	38	34
	acres	122	(Z)	321	129
Cropland in cultivated summer fallow	farms	56	1.1	21	35
	acres	795	(Z)	(D)	1 316
Cropland idle	farms	839	17.2	801	1 024
	acres	130 617	7.6	155 216	145 322
Total woodland	farms	216	4.4	148	146
	acres	99 135	5.8	117 270	145 802
Woodland pastured	farms	71	1.5	67	57
	acres	27 517	1.6	36 550	40 242
Woodland not pastured	farms	163	3.3	105	107
	acres	71 618	4.2	80 720	105 560
Pastureland and rangeland other than cropland and woodland pastured	farms	614	12.6	743	611
	acres	977 093	56.8	1 132 849	1 143 095
Land in house lots, ponds, roads, wasteland, etc.	farms	2 198	45.1	2 227	1 859
	acres	317 897	18.5	361 269	366 123
Cropland under federal acreage reduction programs:					
Annual commodity acreage adjustment programs	farms	-	(X)	-	-
	acres	-	(X)	-	-
Conservation reserve program	farms	1	(X)	(NA)	(NA)
	acres	(D)	(X)	(NA)	(NA)

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

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

All farms	Farms		Land in farms (acres)		Harvested cropland (acres)		Irrigated land (acres)	
	1987	1982	1987	1982	1987	1982	1987	1982
Land in farms	4 870	4 595	1 721 521	1 957 501	152 719	155 960	148 884	145 982
Farms by size:								
1 to 9 acres	2 855	2 743	10 320	9 858	6 461	(D)	2 431	2 108
10 to 49 acres	1 401	1 261	28 037	26 553	10 409	9 083	4 182	3 703
50 to 69 acres	120	109	6 829	6 229	1 471	1 316	(D)	582
70 to 99 acres	102	87	8 135	7 075	1 469	1 069	863	(D)
100 to 139 acres	81	77	9 210	8 948	1 183	874	467	(D)
140 to 179 acres	38	47	5 846	7 228	964	1 459	622	515
180 to 219 acres	39	26	7 686	5 135	(D)	406	(D)	(D)
220 to 259 acres	13	14	3 179	3 326	(D)	272	(D)	(D)
260 to 499 acres	76	86	26 004	28 496	1 186	1 649	396	352
500 to 999 acres	31	33	19 935	22 419	1 506	1 949	928	950
1,000 to 1,999 acres	36	33	49 051	49 151	2 184	(D)	665	1 818
2,000 acres or more	78	79	1 547 289	1 783 083	125 229	129 956	137 386	134 757
5,000 acres or more	53	55	1 464 127	1 711 067	110 529	120 505	133 998	131 396
Farms with harvested cropland	3 837	3 538	699 059	873 377	152 719	155 960	147 587	144 665
Farms by size:								
1 to 9 acres	2 517	2 361	9 202	(D)	6 461	(D)	2 421	2 082
10 to 49 acres	1 090	943	20 417	18 811	10 409	9 083	4 155	3 632
50 to 69 acres	63	59	3 603	3 368	1 471	1 316	610	562
70 to 99 acres	46	44	3 711	3 577	1 469	1 069	853	(D)
100 to 139 acres	27	29	3 202	3 304	1 183	874	442	(D)
140 to 179 acres	15	22	2 301	3 381	964	1 459	582	513
180 to 219 acres	13	7	(D)	1 421	(D)	406	232	113
220 to 259 acres	2	4	(D)	962	(D)	272	-	(D)
260 to 499 acres	16	23	6 147	7 577	1 186	1 649	306	292
500 to 999 acres	7	7	(D)	5 785	1 506	1 949	(D)	950
1,000 to 1,999 acres	8	8	11 001	(D)	2 184	(D)	(D)	(D)
2,000 acres or more	33	31	632 142	804 691	125 229	129 956	136 717	134 757
5,000 acres or more	23	24	597 166	779 081	110 529	120 505	133 948	131 396
Farms with irrigated land	1 827	1 544	537 146	645 774	111 636	112 079	148 884	145 982
Farms by size:								
1 to 9 acres	1 170	982	3 906	3 566	2 566	2 214	2 431	2 108
10 to 49 acres	519	440	10 258	8 947	4 844	4 120	4 182	3 703
50 to 69 acres	34	30	1 912	1 712	(D)	665	(D)	582
70 to 99 acres	24	20	1 922	(D)	984	(D)	863	(D)
100 to 139 acres	16	13	1 925	(D)	482	(D)	467	(D)
140 to 179 acres	11	11	1 687	1 696	610	710	622	515
180 to 219 acres	7	4	(D)	(D)	318	211	(D)	(D)
220 to 259 acres	1	2	(D)	(D)	-	(D)	(D)	(D)
260 to 499 acres	7	9	2 698	3 082	332	292	396	352
500 to 999 acres	4	3	(D)	2 611	(D)	1 082	928	950
1,000 to 1,999 acres	8	7	11 473	11 033	545	(D)	665	1 818
2,000 acres or more	26	23	497 456	608 711	99 407	100 760	137 386	134 757
5,000 acres or more	20	18	477 323	590 353	94 065	94 057	133 998	131 396

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

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

Farms with irrigation		1987	1982	1978
Farms	number	1 827	1 544	1 493
Proportion of farms	percent	37.5	33.6	34.6
Irrigated land	acres	148 884	145 982	159 323
Average per farm	acres	81	95	107
Acres irrigated:				
1 to 9 acres	farms	1 585	1 326	1 263
	acres	3 985	3 370	2 977
10 to 49 acres	farms	193	171	182
	acres	3 805	3 253	3 538
50 to 99 acres	farms	20	16	19
	acres	(D)	1 127	1 153
100 to 199 acres	farms	7	5	4
	acres	(D)	635	495
Irrigated land—Con.				
Acres irrigated—Con.				
200 to 499 acres	farms	3	7	6
	acres	974	1 964	(D)
500 to 999 acres	farms	3	4	3
	acres	2 125	3 171	(D)
1,000 acres or more	farms	16	15	16
	acres	135 713	132 462	147 510
Irrigated land use:				
Harvested cropland	farms	1 796	1 516	1 465
	acres	87 082	76 035	77 396
Pastureland and other land	farms	80	79	(NA)
	acres	61 802	69 947	81 927
Land in irrigated farms	acres	537 146	645 774	600 255
Cropland	acres	219 050	223 267	225 784
Harvested cropland	acres	111 636	112 079	118 276

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

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

Characteristics	All farms		Irrigated farms: Any land irrigated		Irrigated farms: All harvested cropland irrigated		Nonirrigated farms	
	1987	1982	1987	1982	1987	1982	1987	1982
Farms ..... number	4 870	4 595	1 827	1 544	1 608	1 353	3 043	3 051
Land in farms ..... acres	1 721 521	1 957 501	537 146	645 774	271 248	373 251	1 184 375	1 311 727
Value of land and buildings[1]:								
Average per farm ..... dollars	603 435	778 471	645 622	1 132 647	409 959	973 797	578 142	599 060
Average per acre ..... dollars	1 707	1 826	2 194	2 708	2 428	3 530	1 487	1 392
Irrigated land ..... acres	148 884	145 982	148 884	145 982	100 405	90 640	(X)	(X)
Land in farms according to use:								
Total cropland ..... farms	4 170	3 836	1 811	1 530	1 608	1 353	2 359	2 306
acres	327 396	346 113	219 050	223 267	112 358	96 788	108 346	122 846
Harvested cropland ..... farms	3 837	3 538	1 796	1 521	1 608	1 353	2 041	2 017
acres	152 719	155 960	111 636	112 079	62 979	46 963	41 083	43 881
Pastureland, excluding woodland pastured ..... farms	1 021	1 061	199	184	149	140	822	877
acres	1 017 597	1 166 406	111 244	174 378	60 771	147 642	906 353	992 028
Land set aside in federal farm programs ..... farms	1	(NA)	-	(NA)	-	(NA)	1	(NA)
acres	(D)	(NA)	-	(NA)	-	(NA)	(D)	(NA)
Owned and rented land in farms:								
Owned land in farms ..... farms	3 317	(NA)	1 198	(NA)	1 065	(NA)	2 119	(NA)
acres	848 906	(NA)	259 061	(NA)	124 068	(NA)	589 845	(NA)
Rented or leased land in farms ..... farms	2 321	2 261	901	(NA)	758	(NA)	1 420	(NA)
acres	872 615	1 090 828	278 085	(NA)	147 180	(NA)	594 530	(NA)
Market value of agricultural products sold $1,000	609 740	558 608	396 889	353 043	231 643	168 692	212 852	205 565
Average per farm ..... dollars	125 203	121 569	217 235	228 655	144 056	124 680	69 948	67 376
Crops, including nursery and greenhouse crops ..... farms	3 579	3 351	1 716	1 475	1 537	1 310	1 863	1 876
$1,000	498 317	456 069	387 827	345 562	229 731	166 174	110 489	110 507
Livestock, poultry, and their products ..... farms	1 201	1 213	152	155	105	111	1 049	1 058
$1,000	111 424	102 539	9 061	7 481	1 912	2 518	102 363	95 059
Total farm production expenses[1] $1,000	495 759	(NA)	327 265	(NA)	188 166	(NA)	168 494	(NA)
Average per farm ..... dollars	101 840	(NA)	179 323	(NA)	117 164	(NA)	55 353	(NA)
Livestock and poultry purchased ..... farms	589	609	91	(NA)	59	(NA)	498	(NA)
$1,000	15 230	17 581	353	(NA)	174	(NA)	14 877	(NA)
Feed for livestock and poultry ..... farms	945	1 029	169	146	120	105	776	883
$1,000	42 629	41 548	3 389	3 161	394	635	39 240	38 388
Seeds, bulbs, plants, and trees ..... farms	1 484	1 112	922	699	835	629	562	413
$1,000	12 316	9 667	11 096	7 966	6 665	4 141	1 220	1 701
Commercial fertilizer[2] ..... farms	3 524	3 158	1 669	1 404	1 478	1 242	1 855	1 754
$1,000	30 717	33 477	22 615	23 696	11 438	9 712	8 103	9 781
Agricultural chemicals[2] ..... farms	3 881	3 084	1 685	1 369	1 497	1 207	2 196	1 715
$1,000	18 233	16 417	13 901	12 972	8 153	4 654	4 333	3 445
Petroleum products ..... farms	4 503	4 481	1 723	(NA)	1 512	(NA)	2 780	(NA)
$1,000	17 197	19 864	12 571	(NA)	7 466	(NA)	4 626	(NA)
Electricity ..... farms	1 868	1 760	907	(NA)	797	(NA)	961	(NA)
$1,000	5 611	4 162	3 438	(NA)	2 235	(NA)	2 173	(NA)
Hired farm labor ..... farms	1 224	1 271	612	542	528	452	612	729
$1,000	193 230	146 277	155 558	119 034	91 692	52 744	37 672	27 242
Contract labor ..... farms	768	362	305	115	245	89	463	247
$1,000	5 885	3 455	3 202	1 858	1 590	815	2 683	1 597
Repairs and maintenance ..... farms	3 612	(NA)	1 478	(NA)	1 287	(NA)	2 134	(NA)
$1,000	25 557	(NA)	18 056	(NA)	7 804	(NA)	7 501	(NA)
Customwork, machine hire, and rental of machinery and equipment[3] ..... farms	698	612	294	(NA)	250	(NA)	404	(NA)
$1,000	8 175	6 415	5 618	(NA)	1 642	(NA)	2 557	(NA)
Interest[4] ..... farms	1 285	1 421	587	634	512	547	698	787
$1,000	22 930	17 771	14 470	11 110	5 419	9 161	8 460	6 661
Cash rent paid for land and buildings ..... farms	1 668	(NA)	695	(NA)	582	(NA)	973	(NA)
$1,000	15 910	(NA)	11 563	(NA)	8 241	(NA)	4 347	(NA)
Property taxes paid ..... farms	3 926	(NA)	1 445	(NA)	1 277	(NA)	2 481	(NA)
$1,000	5 142	(NA)	2 917	(NA)	1 947	(NA)	2 225	(NA)
All other farm production expenses ..... farms	4 428	(NA)	1 740	(NA)	1 532	(NA)	2 688	(NA)
$1,000	76 996	(NA)	48 520	(NA)	33 306	(NA)	28 476	(NA)
Commodity Credit Corporation loans ..... farms	6	-	-	(NA)	-	(NA)	6	(NA)
$1,000	394	-	-	(NA)	-	(NA)	394	(NA)
Government payments received ..... farms	62	(NA)	24	(NA)	14	(NA)	38	(NA)
$1,000	1 768	(NA)	1 671	(NA)	1 045	(NA)	97	(NA)
Other farm-related income[1] ..... farms	530	(NA)	221	(NA)	192	(NA)	309	(NA)
$1,000	3 730	(NA)	2 099	(NA)	1 211	(NA)	1 631	(NA)
Estimated market value of all machinery and equipment[1] ..... farms	4 836	4 558	1 824	1 543	1 605	1 352	3 012	3 015
$1,000	199 280	190 230	138 688	141 407	91 252	83 009	60 591	48 823
Average per farm ..... dollars	41 208	41 735	76 035	91 644	56 855	61 397	20 117	16 193
Inventory of livestock:								
Cattle and calves ..... farms	1 003	1 040	118	137	77	95	885	903
number	211 045	241 969	23 397	16 540	8 606	9 339	187 648	225 429
Milk cows ..... farms	73	88	10	5	6	-	63	83
number	11 836	12 767	2 010	2 254	19	-	9 826	10 513
Hogs and pigs ..... farms	372	371	63	52	54	39	309	319
number	47 564	49 029	2 033	3 673	1 591	1 498	45 531	45 356
Sheep and lambs ..... farms	42	34	6	4	5	4	36	30
number	21 908	(D)	(D)	19	1 873	19	(D)	(D)

[1]Data are based on a sample of farms.
[2]Data for 1987 include cost of custom applications.
[3]Data for 1987 exclude cost of custom applications for commercial fertilizer and agricultural chemicals.
[4]Data for 1982 do not include imputation for item nonresponse.

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

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

Value of land and buildings	1987		1982	1978
	Farms	Value ($1,000)		
Estimated market value of land and buildings ..... farms	4 869	(X)	4 592	4 310
$1,000	(X)	2 938 125	3 574 741	1 784 115
Average per farm ..... dollars	(X)	603 435	778 471	413 948
Average per acre ..... dollars	(X)	1 707	1 826	897
Farms by value group:				
$1 to $39,999	1 013	18 073	1 104	959
$40,000 to $69,999	551	28 691	505	768
$70,000 to $99,999	386	31 494	405	520
$100,000 to $149,999	598	68 076	580	656
$150,000 to $199,999	479	78 272	433	371
$200,000 to $499,999	1 189	345 366	996	663
$500,000 to $999,999	370	235 145	300	191
$1,000,000 to $1,999,999	149	189 992		
$2,000,000 to $4,999,999	62	165 915	269	182
$5,000,000 or more	72	1 777 101		

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

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

Value of machinery and equipment	1987		1982	
	Farms	Value ($1,000)	Farms	Value ($1,000)
Estimated market value of all machinery and equipment	4 836	199 280	4 558	190 230
Average per farm[1]	(X)	41 208	(X)	41 735
By value group:				
$1 to $4,999	1 116	2 649	1 141	2 834
$5,000 to $9,999	1 601	10 458	1 576	10 216
$10,000 to $19,999	969	12 827	926	12 099
$20,000 to $29,999	509	11 580	358	8 152
$30,000 to $49,999	279	9 862	255	9 158
$50,000 to $69,999	127	6 882	112	6 028
$70,000 to $99,999	85	6 771	63	4 990
$100,000 to $199,999	87	10 752	77	9 685
$200,000 to $499,999	37	(D)	26	8 529
$500,000 to $999,999	5	(D)	24	118 539
$1,000,000 or more	21	113 406		

[1]Data are in whole dollars.

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

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

Selected machinery and equipment	1987						1982		
	Total		Manufactured 1983 to 1987		Manufactured prior to 1983				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Number manufactured 1978 to 1982
Motortrucks, including pickups	4 222	9 270	1 660	2 993	3 159	6 277	3 394	7 545	2 680
2 or 3	1 118	2 500	252	566	744	1 620	928	2 046	449
4 or more	254	3 920	44	1 063	155	2 397	207	3 240	1 036
Wheel tractors	2 336	4 506	692	1 064	1 867	3 442	1 812	3 357	936
2 or 3	638	1 435	133	297	497	1 107	498	1 106	221
4 or more	210	1 583	23	231	160	1 125	144	1 081	198
Less than 40 horsepower (PTO)	1 797	2 550	538	666	1 368	1 884	(NA)	(NA)	(NA)
40 horsepower (PTO) or more	932	1 956	213	398	806	1 558	(NA)	(NA)	(NA)
Grain and bean combines[1]	-	-	-	-	-	-	-	-	-
Cottonpickers and strippers	-	-	-	-	-	-	-	-	-
Mower conditioners	-	-	-	-	-	-	-	-	-
Pickup balers	5	8	2	(D)	4	(D)	4	10	4

[1]Data for 1982 include self-propelled only.

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

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

Item	1987 Farms	1987 Expenses ($1,000)	1982	1978
Petroleum products ..... farms	4 503	(X)	4 481	4 150
$1,000	(X)	17 197	19 864	11 595
Average per farm ..... dollars	(X)	3 819	4 433	2 794
Gasoline and gasohol ..... farms	4 151	(X)	4 290	4 084
$1,000	(X)	6 379	7 778	4 557
Average per farm ..... dollars	(X)	1 537	1 613	1 116
Farms with expenses of—				
$1 to $499	2 213	400	2 503	2 751
$500 to $999	778	528	637	665
$1,000 to $1,999	594	779	546	315
$2,000 to $4,999	420	1 230	401	243
$5,000 to $9,999	84	529	119	66
$10,000 to $24,999	40	557	84	44
$25,000 or more	22	2 356		
Diesel fuel ..... farms	1 468	(X)	1 335	978
$1,000	(X)	8 560	9 465	5 222
Average per farm ..... dollars	(X)	5 831	7 090	5 339
Farms with expenses of—				
$1 to $499	936	145	875	729
$500 to $999	224	141	178	95
$1,000 to $1,999	118	153	111	68
$2,000 to $4,999	108	308	98	42
$5,000 to $9,999	33	208	26	17
$10,000 to $24,999	24	391	47	27
$25,000 or more	25	7 217		
Natural gas ..... farms	-	(X)	-	17
$1,000	(X)	-	-	8
Average per farm ..... dollars	(X)	-	-	471
Farms with expenses of—				
$1 to $99	-	-	-	3
$100 to $499	-	-	-	9
$500 to $999	-	-	-	3
$1,000 to $1,999	-	-	-	1
$2,000 to $4,999	-	-	-	1
$5,000 to $9,999	-	-	-	-
$10,000 or more	-	-		
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms	2 782	(X)	(NA)	(NA)
$1,000	(X)	2 258	2 622	1 808
Average per farm ..... dollars	(X)	811	(NA)	(NA)
Farms with expenses of—				
$1 to $99	1 584	66	(NA)	(NA)
$100 to $499	937	183	(NA)	(NA)
$500 to $999	137	85	(NA)	(NA)
$1,000 to $1,999	57	76	(NA)	(NA)
$2,000 to $4,999	30	85	(NA)	(NA)
$5,000 to $9,999	13	84	(NA)	(NA)
$10,000 or more	24	1 679	(NA)	(NA)

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

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

Chemicals used	1987	1982	1978
Any chemicals, fertilizer, or lime used ..... farms	4 105	3 532	3 568
Commercial fertilizer[1] ..... farms	3 524	3 158	3 172
acres on which used	225 457	228 984	284 452
$1,000	30 717	33 477	26 530
Lime ..... farms	825	525	525
acres on which used	21 544	9 547	12 488
tons	23 220	10 423	12 011
Farms by tons used:			
1 to 49 tons	800	509	496
50 to 99 tons	15	9	16
100 to 199 tons	2	3	5
200 to 499 tons	4	2	3
500 to 999 tons	1	1	1
1,000 tons or more	3	1	4
Agricultural chemicals[1] ..... farms	3 881	3 084	3 277
$1,000	18 233	16 417	13 700
Any chemicals, fertilizer, or lime used—Con.			
Sprays, dusts, granules, fumigants, etc., to control—			
Insects on hay and other crops ..... farms	2 008	1 702	1 204
acres on which used	68 150	45 671	28 787
Nematodes in crops ..... farms	663	654	441
acres on which used	15 792	9 638	9 806
Diseases in crops and orchards ..... farms	1 151	1 067	912
acres on which used	(D)	18 085	12 310
Weeds, grass, or brush in crops and pasture ..... farms	2 887	2 385	2 325
acres on which used	235 871	213 551	269 801
Chemicals used for defoliation or for growth control of crops or thinning of fruit ..... farms	212	165	160
acres on which used	57 481	50 455	57 280

[1]Data for 1987 include cost of custom applications; data for agricultural chemicals exclude the cost of lime for 1987 and 1982.

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

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

Characteristics		All farms			Farms operated by Black and other races[1]		
		1987	1982	1978	1987	1982	1978
Tenure of operator:							
All operators	farms	4 870	4 595	4 310	3 157	3 291	3 271
	acres	1 721 521	1 957 501	1 988 282	483 327	517 471	339 917
Harvested cropland	farms	3 837	3 538	3 299	2 689	2 738	2 655
	acres	152 719	155 960	158 639	37 510	38 320	19 234
Full owners	farms	2 549	2 332	2 111	1 604	1 679	1 655
	acres	344 157	328 728	281 019	54 349	40 515	181 397
Harvested cropland	farms	2 005	1 855	1 684	1 345	1 421	1 364
	acres	30 700	25 493	19 309	10 931	5 279	5 517
Part owners	farms	768	794	713	464	514	485
	acres	1 074 110	1 286 352	1 388 319	343 292	390 285	74 972
Harvested cropland	farms	566	556	486	392	417	391
	acres	103 808	102 022	102 987	18 101	24 175	5 561
Tenants	farms	1 553	1 469	1 486	1 089	1 098	1 131
	acres	303 254	342 421	318 944	85 686	86 671	83 548
Harvested cropland	farms	1 266	1 127	1 129	952	900	900
	acres	18 211	28 445	36 343	8 478	8 866	8 156
Percent of tenancy	percent	31.9	32.0	34.5	34.5	33.4	34.6
Operators by place of residence:							
On farm operated		2 750	2 675	2 177	1 707	1 875	1 646
Not on farm operated		1 713	1 439	1 176	1 171	1 048	884
Not reported		407	481	957	279	368	741
Operators by principal occupation:							
Farming		2 816	2 565	2 239	1 944	1 907	1 717
Other		2 054	2 030	2 071	1 213	1 384	1 554
Operators by days of work off farm:							
None		1 723	1 633	1 551	1 174	1 214	1 199
Any		2 728	2 534	2 495	1 667	1 738	1 880
1 to 49 days		350	350	362	205	227	280
50 to 99 days		274	225	255	172	156	198
100 to 149 days		332	265	227	209	192	169
150 to 199 days		296	323	300	174	224	221
200 days or more		1 476	1 371	1 351	907	939	1 012
Not reported		419	428	264	316	339	192
Operators by years on present farm:							
2 years or less		491	412	(NA)	290	273	(NA)
3 or 4 years		580	572	(NA)	364	351	(NA)
5 to 9 years		1 042	991	(NA)	569	630	(NA)
10 years or more		1 907	1 702	(NA)	1 313	1 330	(NA)
Average years on present farm		13.3	13.3	(NA)	14.7	14.6	(NA)
Not reported		850	918	(NA)	621	707	(NA)
Operators by age group:							
Under 25 years		28	35	51	21	30	37
25 to 34 years		505	630	535	333	395	318
35 to 44 years		1 151	794	600	623	483	431
45 to 49 years		411	803	1 005	237	577	756
50 to 54 years		354			234		
55 to 59 years		555	1 325	1 270	365	1 020	1 014
60 to 64 years		672			497		
65 to 69 years		495	1 008	849	337	786	715
70 years and over		699			510		
Average age		53.0	52.7	52.7	54.3	54.0	54.0
Operators by sex:							
Male	farms	4 210	3 980	3 731	2 698	2 821	2 773
	acres	1 627 203	1 827 827	1 856 109	462 101	507 278	324 548
Female	farms	660	615	579	459	470	498
	acres	94 318	129 674	132 173	21 226	10 193	15 369
Operators of Spanish origin (see text)	farms	110	125	68	65	78	45
	acres	21 738	8 302	2 550	4 014	4 231	1 561
Operators not of Spanish origin	farms	3 249	(NA)	(NA)	2 026	(NA)	(NA)
Spanish origin not reported	farms	1 511	(NA)	(NA)	1 066	(NA)	(NA)
Type of organization:							
Individual or family (sole proprietorship)	farms	4 035	3 852	3 614	2 692	2 824	2 802
	acres	429 021	481 212	656 332	79 295	89 797	109 030
Partnership	farms	404	351	326	220	222	240
	acres	169 792	130 761	222 668	31 693	17 959	29 173
Corporation	farms	370	352	326	205	221	199
	acres	899 049	1 000 221	973 239	150 982	193 324	69 664
Family held:							
More than 10 stockholders	farms	5	27	11	2	12	4
	acres	37 432	208 290	52 027	(D)	27 257	58
10 or less stockholders	farms	277	245	222	167	174	156
	acres	505 521	298 990	325 568	(D)	47 054	51 832
Other than family held:							
More than 10 stockholders	farms	17	30	29	8	14	10
	acres	187 280	296 482	260 880	(D)	117 917	13 720
10 or less stockholders	farms	71	50	64	28	21	29
	acres	168 816	196 459	334 764	39 686	1 096	4 054
Other—cooperative, estate or trust, institutional, etc.	farms	61	40	44	40	24	30
	acres	223 659	345 307	136 043	221 357	216 391	132 050

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

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

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

Characteristics	Female operators	Operators of Spanish origin[1]	Farms operated by Black and other races: Total	Black	American Indian	Asian	Other (see text)
FARMS AND LAND IN FARMS							
Farms ..... number, 1987	660	110	3 157	7	1	3 094	55
1982	615	125	3 291	2	2	3 208	79
Land in farms ..... acres, 1987	94 318	21 738	483 327	(D)	(D)	475 032	8 248
1982	129 674	8 302	517 471	(D)	(D)	497 957	19 485
Harvested cropland ..... farms, 1987	561	73	2 689	6	1	2 642	40
1982	524	76	2 738	2	2	2 690	44
acres, 1987	2 173	885	37 510	(D)	(D)	37 287	199
1982	2 080	361	38 320	(D)	(D)	37 804	506
1987 FARMS BY SIZE							
1 to 9 acres	472	59	2 008	6	1	1 965	36
10 to 49 acres	145	26	888	1	-	873	14
50 to 139 acres	17	13	142	-	-	138	4
140 to 219 acres	7	3	28	-	-	28	-
220 to 499 acres	12	5	45	-	-	45	-
500 acres or more	7	4	46	-	-	45	1
1987 OWNED AND RENTED LAND IN FARMS							
Owned land in farms ..... farms	484	64	2 068	6	-	2 037	25
acres	53 508	2 119	252 628	(D)	-	249 848	(D)
Rented or leased land in farms ..... farms	251	68	1 553	1	1	1 508	43
acres	40 810	19 619	230 699	(D)	(D)	225 184	(D)
TENURE OF OPERATOR							
Full owners ..... farms, 1987	409	42	1 604	6	-	1 586	12
1982	365	46	1 679	2	-	1 646	31
acres, 1987	17 890	1 887	54 349	(D)	-	54 228	(D)
1982	55 568	682	40 515	(D)	-	40 142	(D)
Part owners ..... farms, 1987	75	22	464	-	-	451	13
1982	76	25	514	-	-	491	23
acres, 1987	68 804	15 976	343 292	-	-	335 284	8 008
1982	67 166	4 098	390 285	-	-	372 210	18 075
Tenants ..... farms, 1987	176	46	1 089	1	1	1 057	30
1982	174	54	1 098	-	2	1 071	25
acres, 1987	7 624	3 875	85 686	(D)	(D)	85 520	(D)
1982	6 940	3 522	86 671	-	(D)	85 605	(D)
1987 FARMS BY TYPE OF ORGANIZATION							
Individual or family (sole proprietorship)	593	97	2 692	4	1	2 637	50
Partnership	37	8	220	-	-	217	3
Family held corporation	21	3	169	3	-	164	2
Other than family held corporation	4	1	36	-	-	36	-
Other—cooperative, estate or trust, institutional, etc.	5	1	40	-	-	40	-
1987 MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales ..... farms	660	110	3 157	7	1	3 094	55
$1,000	14 510	3 875	210 648	(D)	(D)	208 584	(D)
Crops, including nursery and greenhouse crops ..... farms	519	62	2 555	5	1	2 510	39
$1,000	8 940	2 186	154 548	(D)	(D)	153 769	(D)
Livestock, poultry, and their products ..... farms	126	48	543	1	-	524	18
$1,000	5 570	1 689	56 100	(D)	-	54 815	(D)
Farms by value of sales:							
Less than $2,500	192	37	754	4	-	740	10
$2,500 to $9,999	242	35	950	2	-	927	21
$10,000 to $19,999	101	14	485	-	-	475	10
$20,000 to $24,999	30	3	166	-	-	161	5
$25,000 or more	95	21	802	1	1	791	9
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)	-	-	-	-	-	-	-
Field crops, except cash grains (013)	43	6	325	-	-	322	3
Cotton (0131)	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	43	6	325	-	-	322	3
Vegetables and melons (016)	60	2	470	1	-	455	14
Fruits and tree nuts (017)	243	49	1 126	4	-	1 105	17
Horticultural specialties (018)	195	7	698	1	1	692	4
General farms, primarily crop (019)	4	-	13	-	-	13	-
Livestock, except dairy, poultry, and animal specialties (021)	92	41	438	1	-	421	16
Beef cattle, except feedlots (0212)	61	30	253	-	-	245	8
Dairy farms (024)	1	2	9	-	-	8	1
Poultry and eggs (025)	1	-	28	-	-	28	-
Animal specialties (027)	12	3	33	-	-	33	-
General farms, primarily livestock and animal specialties (029)	9	-	17	-	-	17	-

See footnotes at end of table.

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

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

Characteristics	Female operators	Operators of Spanish origin[1]	Farms operated by Black and other races				
			Total	Black	American Indian	Asian	Other (see text)
1987 OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	432	69	1 707	6	1	1 665	35
Not on farm operated	157	36	1 171	1	-	1 152	18
Not reported	71	5	279	-	-	277	2
Operators by principal occupation:							
Farming	401	54	1 944	2	1	1 910	31
Other	259	56	1 213	5	-	1 184	24
Operators by days of work off farm:							
None	277	30	1 174	1	1	1 155	17
Any	474	118	1 667	9	-	2 512	53
1 to 99 days	70	15	377	1	-	364	12
100 to 199 days	240	60	383	5	-	1 261	24
200 days or more	164	43	907	3	-	887	17
Not reported	73	5	316	-	-	314	2
Operators by years on present farm:							
2 years or less	74	16	290	1	-	278	11
3 or 4 years	89	15	364	4	-	349	11
5 to 9 years	141	37	569	2	1	554	12
10 years or more	219	31	1 313	-	-	1 299	14
Average years on present farm	11.2	(D)	14.7	4.3	(D)	14.8	10.3
Not reported	137	11	621	-	-	614	7
Operators by age group:							
Under 25 years	3	-	21	-	-	21	-
25 to 34 years	63	21	333	-	-	321	12
35 to 44 years	137	31	623	3	-	607	13
45 to 54 years	91	14	471	1	-	457	13
55 to 59 years	96	17	365	2	1	354	8
60 to 64 years	110	7	497	-	-	492	5
65 to 69 years	70	3	337	1	-	334	2
70 years and over	90	17	510	-	-	508	2
Average age	54.1	49.0	54.3	48.7	(D)	54.4	46.9
Operators by sex:							
Male	(X)	97	2 698	7	-	2 641	50
Female	660	13	459	-	1	453	5
Operators of Spanish origin[1]	13	110	65	-	-	45	20
1987 COMMODITY CREDIT CORPORATION LOANS AND GOVERNMENT PAYMENTS							
Amount received from Commodity Credit Corporation loans — farms	-	-	1	-	-	1	-
$1,000	-	-	(D)	-	-	(D)	-
Government payments received — farms	6	1	19	-	-	19	-
$1,000	(D)	(D)	46	-	-	46	-

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

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

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

SIC code	Farms	Land in farms (acres)	Harvested cropland (acres)	Value of selected capital assets[1], average per farm (dollars): Land and buildings	Value of selected capital assets[1], average per farm (dollars): Machinery and equipment	Market value of agricultural products sold ($1,000): Total	Market value of agricultural products sold ($1,000): Crops, including nursery and greenhouse crops	Market value of agricultural products sold ($1,000): Livestock, poultry, and their products
Total	**4 870**	**1 721 521**	**152 719**	**603 435**	**41 208**	**609 740**	**498 317**	**111 424**
Crops (01)	3 696	578 038	151 296	406 908	47 334	498 439	497 785	655
Cash grains (011)	-	-	-	-	-	-	-	-
Wheat (0111)	-	-	-	-	-	-	-	-
Rice (0112)	-	-	-	-	-	-	-	-
Corn (0115)	-	-	-	-	-	-	-	-
Soybeans (0116)	-	-	-	-	-	-	-	-
Cash grains, n.e.c. (0119)	-	-	-	-	-	-	-	-
Field crops, except cash grains (013)	398	444 650	94 143	1 326 671	216 003	260 183	259 843	340
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugarcane and sugar beets (0133)	68	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Irish potatoes (0134)	1	(D)	(D)	(D)	(D)	(D)	(D)	-
Field crops, except cash grains, n.e.c. (0139)	329	7 818	4 646	210 854	20 937	10 241	(D)	(D)
Vegetables and melons (016)	551	8 477	4 672	276 568	28 717	25 977	25 867	109
Fruits and tree nuts (017)	1 713	113 112	48 306	335 784	33 218	155 715	155 621	94
Berry crops (0171)	6	63	41	109 000	16 529	118	118	-
Grapes (0172)	-	-	-	-	-	-	-	-
Tree nuts (0173)	581	21 482	15 733	425 985	(D)	43 288	43 256	32
Citrus fruits (0174)	34	681	251	276 794	14 693	522	519	2
Deciduous tree fruits (0175)	4	170	34	1 597 000	(D)	16	16	-
Fruits and tree nuts, n.e.c. (0179)	1 088	90 716	32 247	285 890	43 035	111 770	111 711	60
Horticultural specialties (018)	1 011	11 347	4 042	235 258	(D)	56 150	56 084	65
Ornamental floriculture and nursery products (0181)	1 000	11 217	4 022	235 753	(D)	55 564	(D)	(D)
Food crops grown under cover (0182)	11	130	20	190 273	48 702	586	(D)	(D)
General farms, primarily crop (019)	23	452	133	443 522	(D)	414	369	45
Livestock and animal specialties (02)	1 174	1 143 483	1 423	1 219 897	21 967	111 301	532	110 769
Livestock, except dairy, poultry, and animal specialties (021)	977	1 107 084	1 258	1 311 867	16 683	52 033	441	51 592
Beef cattle feedlots (0211)	50	286 747	21	6 711 300	41 251	26 590	(D)	(D)
Beef cattle, except feedlots (0212)	662	816 370	1 140	1 361 669	16 609	16 310	338	15 972
Hogs (0213)	244	2 302	63	153 656	12 724	9 067	89	8 978
Sheep and goats (0214)	12	912	17	312 417	7 562	21	(D)	(D)
General livestock, except dairy, poultry, and animal specialties (0219)	9	753	17	368 222	10 627	45	13	32
Dairy farms (024)	22	18 142	(D)	3 603 864	219 325	33 047	-	33 047
Poultry and eggs (025)	44	2 152	35	697 250	57 023	(D)	(D)	21 603
Broiler, fryer, and roaster chickens (0251)	5	38	-	495 000	64 560	3 388	-	3 388
Chicken eggs (0252)	29	2 089	35	936 552	71 303	17 096	(D)	(D)
Turkeys and turkey eggs (0253)	-	-	-	-	-	-	-	-
Poultry hatcheries (0254)	2	(D)	-	(D)	(D)	(D)	-	(D)
Poultry and eggs, n.e.c. (0259)	8	(D)	-	(D)	(D)	(D)	-	(D)
Animal specialties (027)	99	4 937	53	320 768	17 060	4 569	68	4 501
Fur-bearing animals and rabbits (0271)	6	8	(D)	82 333	5 617	19	(D)	(D)
Horses and other equines (0272)	59	3 884	7	285 492	13 447	153	1	152
Animal aquaculture (0273)	10	553	10	752 600	54 384	3 301	(D)	(D)
Animal specialties, n.e.c. (0279)	24	492	(D)	287 167	12 799	1 096	9	1 087
General farms, primarily livestock and animal specialties (029)	32	11 168	(D)	264 656	13 435	(D)	(D)	26

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

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

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

Characteristics		1987	1982
Farms	number	24	7
Land in farms	acres	16 282	13 187
Average size of farm	acres	678	1 884
Value of land and buildings[1]	$1,000	25 326	107 944
Average per farm	dollars	1 055 250	15 420 571
Average per acre	dollars	1 555	8 186
Estimated market value of all machinery and equipment[1]	$1,000	1 170	399
Land in farms according to use:			
Total cropland	farms	22	5
	acres	1 268	482
Harvested cropland	farms	20	3
	acres	188	28
Cropland used only for pasture or grazing	farms	9	3
	acres	848	454
Other cropland	farms	12	(NA)
	acres	232	-
Total woodland	farms	7	3
	acres	1 089	1 786
Woodland pastured	farms	5	3
	acres	550	1 564
Woodland not pastured	farms	6	3
	acres	539	222
Pastureland and rangeland other than cropland and woodland pastured	farms	9	4
	acres	9 932	9 541
Land in house lots, ponds, roads, wasteland, etc.	farms	19	6
	acres	3 993	1 378
Irrigated land	farms	14	-
	acres	147	-

Characteristics		1987	1982
Market value of agricultural products sold	$1,000	1 393	342
Average per farm	dollars	58 055	48 857
Crops, including nursery and greenhouse crops	$1,000	673	43
Livestock, poultry, and their products	$1,000	720	299
Total farm production expenses[1]	$1,000	1 547	(NA)
Average per farm	dollars	64 462	(NA)
Tenure of operator:			
Full owners		14	4
Part owners		5	3
Tenants		5	-
Abnormal farms by standard industrial classification:			
Cash grains (011)		-	-
Field crops, except cash grains (013)		-	-
Cotton (0131)		-	-
Tobacco (0132)		-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		-	-
Vegetables and melons (016)		4	-
Fruits and tree nuts (017)		7	1
Horticultural specialties (018)		2	-
General farms, primarily crop (019)		3	-
Livestock, except dairy, poultry, and animal specialties (021)		5	4
Beef cattle, except feedlots (0212)		3	2
Dairy farms (024)		1	-
Poultry and eggs (025)		-	-
Animal specialties (027)		-	-
General farms, primarily livestock and animal specialties (029)		2	2

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

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

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

Item		Inventory			Sales		
		Farms	Number	Value[1] ($1,000)	Farms	Number	Value ($1,000)
Livestock and poultry	1987	1 495	(X)	(D)	1 201	(X)	111 424
	1982	1 472	(X)	117 274	1 213	(X)	102 539
	1978	1 263	(X)	72 604	1 158	(X)	88 230
Poultry	1987	237	(X)	(D)	99	(X)	21 009
	1982	257	(X)	3 622	121	(X)	21 519
	1978	198	(X)	3 776	105	(X)	17 187
Livestock	1987	1 425	(X)	97 087	1 145	(X)	90 415
	1982	1 409	(X)	113 652	1 152	(X)	81 020
	1978	1 210	(X)	68 828	1 104	(X)	71 043
Any cattle, hogs, or sheep	1987	1 243	(X)	94 601	1 061	(X)	54 356
	1982	1 262	(X)	112 443	1 069	(X)	54 752
	1978	1 108	(X)	68 215	1 026	(X)	47 095
Cattle and calves	1987	1 003	211 045	86 346	807	101 315	43 881
	1982	1 040	241 969	104 436	817	91 675	45 495
	1978	839	218 901	63 425	740	105 088	39 625
Cows and heifers that had calved	1987	769	95 263	46 633	(NA)	(NA)	(NA)
	1982	825	103 290	54 373	(NA)	(NA)	(NA)
	1978	696	98 579	33 224	(NA)	(NA)	(NA)
Beef cows	1987	724	83 427	34 205	(NA)	(NA)	(NA)
	1982	784	90 523	38 925	(NA)	(NA)	(NA)
	1978	659	85 623	23 118	(NA)	(NA)	(NA)
Milk cows	1987	73	11 836	12 428	(NA)	(NA)	(NA)
	1982	88	12 767	15 448	(NA)	(NA)	(NA)
	1978	76	12 956	10 106	(NA)	(NA)	(NA)
Hogs and pigs	1987	372	47 564	6 064	307	69 019	10 371
	1982	371	49 029	5 883	319	66 875	9 175
	1978	399	50 071	4 456	352	(D)	(D)
Feeder pigs sold	1987	(X)	(X)	(X)	60	3 267	199
	1982	(X)	(X)	(X)	66	7 100	291
	1978	(X)	(X)	(X)	86	(D)	(D)
Sheep and lambs[2]	1987	42	21 908	2 191	26	(D)	105
	1982	34	(D)	(D)	17	(D)	(D)
	1978	13	(D)	(D)	5	(D)	(D)
Horses and ponies	1987	537	3 551	2 486	63	236	294
	1982	505	4 030	1 209	79	197	270
	1978	365	4 087	613	77	297	192
Chickens 3 months old or older[3]	1987	181	(D)	(D)	31	824 182	(NA)
	1982	201	929 210	2 933	42	711 679	(NA)
	1978	141	1 243 801	3 474	43	662 710	(NA)
Hens and pullets of laying age	1987	177	(D)	(D)	28	(D)	(NA)
	1982	198	(D)	2 717	41	(D)	(NA)
	1978	137	1 065 586	3 037	42	(D)	(NA)
Broilers and other meat-type chickens	1987	34	407 074	383	12	2 069 316	(NA)
	1982	48	781 551	688	23	3 173 500	(NA)
	1978	45	431 230	302	27	2 588 757	(NA)
Turkeys	1987	10	23	(Z)	-	-	(NA)
	1982	15	75	1	-	-	(NA)
	1978	12	79	1	2	(D)	(NA)

[1]Data are estimated; see text.
[2]Value of sales includes sheep, lambs, and wool sold.
[3]Sales for 1987 include pullets of less than 3 months old.

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

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

Item	1987		1982		Item	1987		1982	
	Farms	Number	Farms	Number		Farms	Number	Farms	Number
INVENTORY					**SALES**				
Chickens 3 months old or older	181	(D)	201	929 210	Hens and pullets[1]	31	824 182	42	711 679
Farms with—					Farms with—				
1 to 3,199	167	(D)	187	(D)	1 to 3,199	16	722	23	(D)
3,200 to 9,999	-	-	1	(D)	3,200 to 9,999	3	16 000	5	33 632
10,000 or more	14	1 097 324	13	908 804	10,000 or more	12	807 460	14	(D)
Hens and pullets of laying age	177	(D)	198	(D)	Hens and pullets of laying age	28	(D)	41	(D)
Farms with—					Farms with—				
1 to 99	152	2 664	172	3 219	1 to 99	13	296	16	387
100 to 399	5	950	8	1 488	100 to 399	2	(D)	4	790
400 to 3,199	7	(D)	4	(D)	400 to 3,199	1	(D)	3	(D)
3,200 to 9,999	1	(D)	1	(D)	3,200 to 9,999	3	16 000	5	27 632
10,000 to 19,999	1	(D)	-	-	10,000 to 19,999	3	41 700	8	105 618
20,000 to 49,999	4	136 100	7	220 587	20,000 to 49,999	4	122 309	2	(D)
50,000 to 99,999	4	257 132	4	(D)	50,000 to 99,999	2	(D)	3	210 070
100,000 or more	3	562 408	2	(D)	100,000 or more	-	-	-	-
Broilers and other meat-type chickens	34	407 074	48	781 551	Broilers and other meat-type chickens	12	2 069 316	23	3 173 500
Turkeys	10	23	15	75	Turkeys	-	-	-	-
For slaughter	6	13	14	61	For slaughter	-	-	-	-
Hens kept for breeding	4	10	6	14	Hens kept for breeding	-	-	-	-
Ducks, geese, and other poultry	101	(X)	108	(X)	Ducks, geese, and other poultry	30	(X)	27	(X)

[1]Sales for 1987 include pullets of less than 3 months old.

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

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

Number sold	Broilers and other meat-type chickens				Pullets not of laying age		Pullets 3 months old or older not of laying age	
	1987		1982		1987		1982	
	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Total	**12**	**2 069 316**	**23**	**3 173 500**	**8**	**(D)**	**7**	**(D)**
Farms with—								
1 to 1,999	6	307	9	1 168	5	207	1	(D)
2,000 to 15,999	-	-	3	8 000	-	-	3	6 000
16,000 to 29,999	-	-	-	-	1	(D)	1	(D)
30,000 to 59,999	-	-	-	-	-	-	1	(D)
60,000 to 99,999	-	-	1	(D)	-	-	-	-
100,000 to 199,999	2	(D)	2	(D)	1	(D)	-	-
200,000 to 499,999	3	(D)	7	2 162 832	1	(D)	1	(D)
200,000 to 299,999	-	-	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
300,000 to 499,999	3	(D)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
500,000 or more	1	(D)	1	(D)	-	-	-	-

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

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

Chickens 3 months old or older	Inventory									
	Chickens 3 months old or older						Pullet chicks and pullets under 3 months old		Broilers and other meat-type chickens	
	Total		Hens and pullets of laying age		Pullets 3 months old or older not of laying age					
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Total inventory	181	(D)	177	(D)	53	118 012	36	53 305	26	17 848
Farms with—										
1 to 99	155	3 072	152	2 664	39	408	30	441	23	428
100 to 399	4	(D)	4	(D)	2	(D)	-	-	1	(D)
400 to 1,599	5	(D)	5	(D)	2	(D)	-	-	1	(D)
1,600 to 3,199	3	7 656	3	6 056	3	1 600	2	(D)	-	-
3,200 to 9,999	-	-	-	-	-	-	-	-	-	-
10,000 to 19,999	2	(D)	2	(D)	1	(D)	1	(D)	-	-
20,000 to 49,999	5	(D)	4	(D)	3	(D)	1	(D)	1	(D)
50,000 to 99,999	4	(D)	4	(D)	1	(D)	-	-	-	-
100,000 or more	3	624 592	3	(D)	2	(D)	2	(D)	-	-
No inventory	(X)	(X)	(X)	(X)	(X)	(X)	3	60 058	8	389 226

Chickens 3 months old or older	Sales									
	Hens and pullets						Broilers and other meat-type chickens		Poultry and poultry products	
	Total		Hens and pullets of laying age		Pullets not of laying age					
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Value ($1,000)
Total inventory	30	(D)	28	(D)	7	177 707	5	111 354	75	15 477
Farms with—										
1 to 99	11	(D)	10	232	4	(D)	4	(D)	49	39
100 to 399	2	(D)	2	(D)	1	(D)	-	-	4	14
400 to 1,599	3	179	3	179	-	-	-	-	5	38
1,600 to 3,199	-	-	-	-	-	-	-	-	3	98
3,200 to 9,999	-	-	-	-	-	-	-	-	-	-
10,000 to 19,999	2	(D)	2	(D)	-	-	-	-	2	(D)
20,000 to 49,999	5	212 200	4	(D)	2	(D)	1	(D)	5	(D)
50,000 to 99,999	4	90 424	4	90 424	-	-	-	-	4	3 699
100,000 or more	3	209 836	3	209 836	-	-	-	-	3	8 504
No inventory	1	(D)	-	-	1	(D)	7	1 957 962	24	5 532

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

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

Turkeys	Total		Sales for slaughter		Sales of hens kept for breeding	
	Farms	Number	Farms	Number	Farms	Number
Total sold	-	-	-	-	-	-
Farms with—						
1 to 1,999	-	-	-	-	-	-
2,000 to 7,999	-	-	-	-	-	-
8,000 to 15,999	-	-	-	-	-	-
16,000 to 29,999	-	-	-	-	-	-
30,000 to 59,999	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	-

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

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

Item	1987		1982	
	Farms	Number	Farms	Number
Cattle and calves	1 003	211 045	1 040	241 969
Farms with—				
1 to 9	344	1 527	363	1 651
10 to 19	188	2 481	197	2 682
20 to 49	198	6 140	212	6 431
50 to 99	102	6 668	88	5 987
100 to 199	70	9 415	71	9 598
200 to 499	40	12 136	43	12 962
500 to 999	20	13 732	20	14 415
1,000 to 2,499	22	36 550	23	37 036
2,500 or more	19	122 396	23	151 207
Cows and heifers that had calved	769	95 263	825	103 290
Farms with—				
1 to 9	347	1 406	405	1 670
10 to 19	142	1 948	142	1 832
20 to 49	126	3 594	117	3 653
50 to 99	55	(D)	59	4 005
100 to 199	28	(D)	27	(D)
200 to 499	31	9 015	31	(D)
500 to 999	14	10 109	16	10 170
1,000 or more	26	61 574	28	69 052
Beef cows	724	83 427	784	90 523
Farms with—				
1 to 9	321	1 349	383	1 613
10 to 19	143	1 967	142	1 823
20 to 49	124	3 540	116	3 628
50 to 99	54	3 588	58	3 930
100 to 199	26	3 652	25	3 037
200 to 499	23	6 271	24	7 112
500 to 999	12	8 856	13	8 288
1,000 or more	21	54 204	23	61 092
Milk cows	73	11 836	88	12 767
Farms with—				
1 to 4	49	91	58	99
5 to 9	4	31	6	39
10 to 29	-	-	2	(D)
30 to 49	-	-	-	-
50 to 99	2	(D)	1	(D)
100 to 199	2	(D)	3	460
200 to 499	8	2 662	11	3 497
500 or more	8	8 623	7	8 572
Heifers and heifer calves	753	61 394	808	66 844
Steers, steer calves, bulls, and bull calves	865	54 388	940	71 835

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

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

Item	1987			1982		
	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Cattle and calves sold	807	101 315	43 881	817	91 675	45 495
Farms with—						
1 to 9	428	1 734	559	465	1 725	657
10 to 19	130	1 802	558	124	1 576	612
20 to 49	118	3 493	1 127	102	3 045	1 066
50 to 99	43	2 886	944	41	2 694	864
100 to 199	28	3 829	1 345	33	4 591	1 754
200 to 499	26	8 264	3 185	22	6 998	2 454
500 to 999	21	15 102	4 714	15	10 745	4 362
1,000 to 2,499	5	6 584	2 717	11	15 745	7 215
2,500 or more	8	57 621	28 733	4	44 556	26 510
Cattle sold	609	85 116	40 226	639	80 888	43 566
Farms with—						
1 to 9	342	1 318	479	367	1 314	579
10 to 19	87	1 155	481	111	1 379	604
20 to 49	78	2 338	809	60	1 843	766
50 to 99	25	1 625	653	35	2 352	965
100 to 199	26	3 327	1 265	26	3 425	1 682
200 to 499	25	7 429	3 172	14	4 655	1 985
500 to 999	14	9 355	3 232	15	10 474	4 564
1,000 or more	12	58 569	30 136	11	55 446	32 420
Cattle fattened on grain and concentrates sold	87	42 295	24 594	103	33 182	20 532
Farms with—						
1 to 9	64	181	75	65	229	116
10 to 19	6	73	28	12	142	72
20 to 49	5	146	77	9	270	127
50 to 99	2	(D)	(D)	5	365	188
100 to 199	3	414	(D)	3	391	222
200 to 499	2	(D)	(D)	3	1 127	566
500 to 999	1	(D)	(D)	2	(D)	(D)
1,000 to 2,499	1	(D)	(D)	3	4 721	2 737
2,500 or more	3	38 620	22 732	1	(D)	(D)
Calves sold	391	16 199	3 654	368	10 787	1 929
Farms with—						
1 to 9	226	828	195	251	867	220
10 to 19	68	896	192	31	395	92
20 to 49	50	1 495	373	40	1 083	234
50 to 99	19	1 265	266	20	1 176	177
100 to 199	11	1 569	350	10	1 371	252
200 to 499	9	2 794	572	12	3 543	564
500 or more	8	7 352	1 707	4	2 352	390

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

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

Cattle and calves	Cattle and calves inventory								Cattle and calves sales		
	Total		Cows and heifers that had calved		Heifers and heifer calves		Steers, steer calves, bulls, and bull calves				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value ($1,000)
Total inventory	1 003	211 045	769	95 263	753	61 394	865	54 388	798	100 569	43 655
Farms with—											
1 to 9	344	1 527	192	552	162	359	242	616	144	509	157
10 to 19	188	2 481	155	972	159	683	174	826	187	1 032	315
20 to 49	198	6 140	172	2 641	176	1 823	190	1 676	197	2 525	755
50 to 99	102	6 668	93	3 067	93	1 914	97	1 687	101	2 374	878
100 to 199	70	9 415	63	4 240	67	2 637	68	2 538	69	3 577	1 178
200 to 499	40	12 136	36	6 487	36	3 451	35	2 198	39	6 610	2 473
500 to 999	20	13 732	18	5 662	19	3 956	20	4 114	20	4 502	1 646
1,000 to 2,499	22	36 550	22	21 022	22	8 621	20	6 907	22	13 388	4 303
2,500 or more	19	122 396	18	50 620	19	37 950	19	33 826	19	66 052	31 952
No inventory	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	9	746	225

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

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

Cows and heifers that had calved	Cattle and calves inventory								Cattle and calves sales		
	Total		Cows and heifers that had calved		Heifers and heifer calves		Steers, steer calves, bulls, and bull calves				
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value ($1,000)
Total inventory	769	195 919	769	95 263	622	54 791	655	45 865	658	72 927	27 575
Farms with—											
1 to 4	198	1 234	198	460	115	354	132	420	95	414	129
5 to 9	149	1 977	149	946	125	498	128	533	142	653	183
10 to 19	142	4 530	142	1 948	129	1 374	134	1 208	142	1 548	441
20 to 29	74	3 643	74	1 652	62	(D)	67	(D)	74	1 524	568
30 to 49	52	4 148	52	1 942	48	(D)	51	(D)	52	1 454	523
50 to 99	55	7 291	55	(D)	50	1 813	51	(D)	54	2 701	824
100 to 199	28	7 127	28	(D)	26	1 696	26	(D)	28	2 611	896
200 to 499	31	17 239	31	9 015	27	4 194	28	4 030	31	7 744	2 898
500 to 999	14	22 303	14	10 109	14	5 203	13	6 991	14	10 191	3 015
1,000 or more	26	126 427	26	61 574	26	37 529	25	27 324	26	44 087	18 097
No inventory	234	15 126	(X)	(X)	131	6 603	210	8 523	149	28 388	16 305

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

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

Beef cows	Cattle and calves inventory									
	Total		Cows and heifers that had calved				Heifers and heifer calves		Steers, steer calves, bulls, and bull calves	
			Total		Beef cows					
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Total inventory	724	177 314	724	84 317	724	83 427	590	47 671	621	45 326
Farms with—										
1 to 4	173	1 120	173	422	173	407	99	312	113	386
5 to 9	148	1 997	148	948	148	942	125	520	127	529
10 to 19	143	4 903	143	2 060	143	1 967	130	1 471	134	1 372
20 to 29	72	3 572	72	1 612	72	1 601	60	1 019	66	941
30 to 49	52	4 148	52	1 942	52	1 939	48	1 089	51	1 117
50 to 99	54	7 230	54	3 838	54	3 588	50	1 735	51	1 657
100 to 199	26	6 833	26	3 655	26	3 652	25	1 666	25	1 512
200 to 499	23	13 369	23	6 280	23	6 271	20	3 198	21	3 891
500 to 999	12	20 640	12	9 356	12	8 856	12	(D)	12	(D)
1,000 or more	21	113 502	21	54 204	21	54 204	21	(D)	21	(D)
No inventory	279	33 731	45	10 946	(X)	(X)	163	13 723	244	9 062

Beef cows	Cattle and calves sales											
	Total			Cattle						Calves		
				Total			Fattened on grain and concentrates					
	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Total inventory	631	68 512	26 094	487	54 783	22 927	71	16 918	9 400	316	13 729	3 167
Farms with—												
1 to 4	87	396	124	66	(D)	(D)	20	48	21	36	(D)	(D)
5 to 9	142	656	184	98	358	123	16	39	16	71	298	61
10 to 19	143	1 631	472	106	1 002	349	14	125	50	76	629	123
20 to 29	72	1 510	562	53	(D)	(D)	6	239	115	41	(D)	(D)
30 to 49	52	1 454	523	43	887	408	8	(D)	(D)	26	567	115
50 to 99	53	2 658	817	43	1 703	603	-	-	-	27	955	214
100 to 199	26	2 570	883	24	1 976	748	1	(D)	(D)	11	594	134
200 to 499	23	7 157	2 722	21	4 468	1 999	1	(D)	(D)	13	2 689	723
500 to 999	12	9 413	2 632	12	7 132	2 211	-	-	-	4	2 281	421
1,000 or more	21	41 067	17 175	21	35 932	15 948	5	15 860	8 827	11	5 135	1 227
No inventory	176	32 803	17 786	122	30 333	17 299	16	25 377	15 194	75	2 470	487

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

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

Milk cows	Cattle and calves inventory									
	Total		Cows and heifers that had calved				Heifers and heifer calves		Steers, steer calves, bulls, and bull calves	
			Total		Milk cows					
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Farms	Number
Total inventory	73	24 379	73	13 956	73	11 836	55	8 522	58	1 901
Farms with—										
1 to 4	49	1 588	49	786	49	91	35	491	40	311
5 to 9	4	1 554	4	515	4	31	3	260	3	779
10 to 19	-	-	-	-	-	-	-	-	-	-
20 to 29	-	-	-	-	-	-	-	-	-	-
30 to 49	-	-	-	-	-	-	-	-	-	-
50 to 99	2	(D)	2	(D)	2	(D)	1	(D)	1	(D)
100 to 199	2	(D)	2	(D)	2	(D)	1	(D)	1	(D)
200 to 499	8	3 870	8	2 735	8	2 662	7	(D)	7	(D)
500 or more	8	16 628	8	9 473	8	8 623	8	6 646	6	509
No inventory	930	186 666	696	81 307	(X)	(X)	698	52 872	807	52 487

Milk cows	Cattle and calves sales							Dairy product sales	
	Total			Cattle		Calves			
	Farms	Number	Value ($1,000)	Farms	Number	Farms	Number	Farms	Value ($1,000)
Total inventory	51	5 698	1 947	36	3 886	29	1 812	22	(D)
Farms with—									
1 to 4	28	476	121	16	134	17	342	2	(D)
5 to 9	3	331	186	3	(D)	1	(D)	-	-
10 to 19	-	-	-	-	-	-	-	-	-
20 to 29	-	-	-	-	-	-	-	-	-
30 to 49	-	-	-	-	-	-	-	-	-
50 to 99	2	(D)	(D)	1	(D)	2	(D)	2	(D)
100 to 199	2	(D)	(D)	1	(D)	1	(D)	2	(D)
200 to 499	8	587	176	7	(D)	3	(D)	8	6 756
500 or more	8	4 163	1 419	8	2 973	5	1 190	8	23 590
No inventory	756	95 617	41 933	573	81 230	362	14 387	1	(D)

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

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

Cattle and calves	Cattle and calves			Cattle						Calves		
				Total			Fattened on grain and concentrates					
	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Total sold	807	101 315	43 881	609	85 116	40 226	87	42 295	24 594	391	16 199	3 654
Farms with—												
1 to 4	273	670	225	180	425	167	40	93	42	115	245	58
5 to 9	155	1 064	334	118	669	238	16	58	23	74	395	95
10 to 19	130	1 802	558	96	1 087	405	7	67	25	69	715	154
20 to 49	118	3 493	1 127	91	2 141	801	11	(D)	(D)	67	1 352	326
50 to 99	43	2 886	944	38	1 758	683	3	165	127	24	1 128	261
100 to 199	28	3 829	1 345	26	2 791	1 103	2	(D)	(D)	12	1 038	242
200 to 499	26	8 264	3 185	26	6 181	2 684	2	(D)	(D)	11	2 083	501
500 to 999	21	15 102	4 714	21	11 393	3 982	2	(D)	(D)	11	3 709	733
1,000 or more	13	64 205	31 449	13	58 671	30 164	4	40 210	23 474	8	5 534	1 285

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

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

Item	1987		1982	
	Farms	Number	Farms	Number
Total hogs and pigs	372	47 564	371	49 029
Farms with—				
1 to 24	198	1 445	178	1 521
25 to 49	50	1 685	64	2 151
50 to 99	39	2 555	36	2 372
100 to 199	33	(D)	32	4 475
200 to 499	31	10 411	34	9 499
500 to 999	10	(D)	15	9 149
1,000 to 1,999	7	(D)	8	11 241
2,000 to 4,999	4	(D)	4	8 621
5,000 or more	-	-	-	-
Hogs and pigs used or to be used for breeding	255	6 696	285	6 779
Farms with—				
1 to 24	189	1 350	223	1 479
25 to 49	26	835	26	815
50 to 99	22	1 368	19	1 203
100 to 199	11	1 466	9	1 313
200 or more	7	1 677	8	1 969
Other hogs and pigs	349	40 868	356	42 250

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

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

Item	1987			1982		
	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Total hogs and pigs sold	307	69 019	10 371	319	66 875	9 175
Farms with—						
1 to 24	125	1 108	144	141	1 445	173
25 to 49	47	1 656	223	47	1 513	162
50 to 99	43	3 017	357	38	2 715	348
100 to 199	20	2 842	401	31	4 070	507
200 to 499	46	14 344	2 129	33	10 237	1 361
500 to 999	10	7 024	972	12	8 843	1 231
1,000 to 1,999	5	7 245	934	8	11 398	1 483
2,000 to 4,999	11	31 783	5 210	9	26 654	3 910
5,000 or more	-	-	-	-	-	-
Feeder pigs sold	60	3 267	199	66	7 100	291
Farms with—						
1 to 9	15	71	5	15	87	3
10 to 49	28	669	26	31	680	28
50 to 99	10	692	32	9	547	23
100 to 199	3	417	17	5	565	18
200 to 499	3	(D)	(D)	3	950	53
500 to 999	1	(D)	(D)	1	(D)	(D)
1,000 or more	-	-	-	2	(D)	(D)
Other hogs and pigs sold	283	65 752	10 171	291	59 775	8 883
Farms with—						
1 to 24	119	952	143	(NA)	(NA)	(NA)
25 to 49	49	(D)	243	(NA)	(NA)	(NA)
50 to 99	27	(D)	289	(NA)	(NA)	(NA)
100 to 199	22	3 148	451	(NA)	(NA)	(NA)
200 to 499	40	12 863	2 025	(NA)	(NA)	(NA)
500 to 999	10	7 024	972	(NA)	(NA)	(NA)
1,000 to 1,999	6	8 945	1 104	(NA)	(NA)	(NA)
2,000 to 4,999	10	29 183	4 944	(NA)	(NA)	(NA)
5,000 or more	-	-	-	(NA)	(NA)	(NA)

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

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

Litters	1987		1982	
	Farms	Number of litters	Farms	Number of litters
Litters farrowed between Dec. 1 of preceding year and Nov. 30	261	9 601	289	10 323
Farms with—				
1 to 9	130	478	150	527
10 to 19	53	683	54	707
20 to 49	37	1 284	40	1 223
50 to 99	17	1 231	24	1 493
100 to 199	12	1 680	5	637
200 to 499	12	4 245	14	(D)
500 or more	-	-	2	(D)
Dec. 1 of preceding year and May 31	245	4 931	260	4 930
June 1 and Nov. 30	220	4 670	251	5 393

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

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

Hogs and pigs	Hogs and pigs inventory						Hogs and pigs sales					
	Total		Used or to be used for breeding		Other hogs and pigs		Total			Feeder pigs		
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Total inventory	372	47 564	255	6 696	349	40 868	302	68 574	10 301	59	(D)	(D)
Farms with—												
1 to 9	138	573	54	168	121	405	69	1 033	112	17	407	19
10 to 24	60	872	40	218	57	654	60	1 378	180	6	158	7
25 to 99	89	4 240	79	751	88	3 489	88	8 932	1 432	29	1 390	61
100 to 199	33	(D)	31	(D)	31	3 816	33	7 062	934	4	240	9
200 to 499	31	10 411	30	1 451	31	8 960	31	11 948	1 817	1	(D)	(D)
500 to 999	10	(D)	10	(D)	10	6 020	10	9 373	1 299	1	(D)	(D)
1,000 or more	11	19 747	11	2 223	11	17 524	11	28 848	4 527	1	(D)	(D)
No inventory	(X)	(X)	(X)	(X)	(X)	(X)	5	445	70	1	(D)	(D)

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

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

Hogs and pigs	Hogs and pigs inventory						Hogs and pigs sales					
	Total		Used or to be used for breeding		Other hogs and pigs		Total			Feeder pigs		
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Total sold	302	47 327	240	6 673	285	40 654	307	69 019	10 371	60	3 267	199
Farms with—												
1 to 9	70	707	36	119	69	588	70	279	40	7	(D)	(D)
10 to 49	99	2 780	80	512	89	2 268	102	2 485	328	24	(D)	16
50 to 99	43	2 521	40	467	40	2 054	43	3 017	357	17	823	38
100 to 199	20	3 340	20	548	20	2 792	20	2 842	401	3	231	(D)
200 to 499	44	11 504	40	1 640	42	9 864	46	14 344	2 129	7	(D)	(D)
500 to 999	10	4 471	9	(D)	10	(D)	10	7 024	972	-	-	-
1,000 or more	16	22 004	15	(D)	15	(D)	16	39 028	6 145	2	(D)	(D)
None sold	70	237	15	23	64	214	(X)	(X)	(X)	(X)	(X)	(X)

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

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

Litters farrowed	Hogs and pigs inventory						Hogs and pigs sales					
	Total		Used or to be used for breeding		Other hogs and pigs		Total			Feeder pigs		
	Farms	Number	Farms	Number	Farms	Number	Farms	Number	Value ($1,000)	Farms	Number	Value ($1,000)
Total litters farrowed	257	46 095	255	6 696	234	39 399	245	63 283	9 259	60	3 267	199
Farms with—												
1	32	243	32	67	26	176	21	153	18	5	38	2
2 to 4	50	1 200	49	(D)	45	(D)	47	797	99	12	156	6
5 to 9	46	1 108	46	(D)	39	(D)	46	1 550	180	14	393	(D)
10 to 19	52	3 743	51	666	50	3 077	53	4 717	592	18	913	41
20 to 49	36	7 003	36	1 089	34	5 914	37	8 236	1 159	8	557	21
50 to 99	17	(D)	17	(D)	17	6 024	17	7 375	1 155	1	(D)	(D)
100 to 199	12	7 283	12	1 005	12	6 278	12	(D)	(D)	1	(D)	(D)
200 or more	12	(D)	12	(D)	11	16 154	12	(D)	(D)	1	(D)	(D)
No litters farrowed	115	1 469	-	-	115	1 469	62	5 736	1 112	-	-	-

Litters farrowed	Litters farrowed between Dec. 1, 1986, and Nov. 30, 1987					
	Total		Dec. 1, 1986, and May 31, 1987		June 1, 1987, and Nov. 30, 1987	
	Farms	Litters	Farms	Litters	Farms	Litters
Total litters farrowed	261	9 601	245	4 931	220	4 670
Farms with—						
1	34	34	24	24	10	10
2 to 4	50	146	46	(D)	46	(D)
5 to 9	46	298	45	175	39	123
10 to 19	53	683	53	366	50	317
20 to 49	37	1 284	37	702	34	582
50 to 99	17	1 231	16	593	17	638
100 to 199	12	1 680	12	946	12	734
200 or more	12	4 245	12	(D)	12	(D)

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

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

Item	1987		1982	
	Farms	Number	Farms	Number
Sheep and lambs inventory	42	21 908	34	(D)
Farms with—				
1 to 24	33	282	29	167
25 to 99	4	268	-	-
100 to 299	1	(D)	1	(D)
300 to 999	1	(D)	3	1 887
1,000 to 2,499	2	(D)	-	-
2,500 or more	1	(D)	1	(D)
Ewes 1 year old or older	33	10 983	25	(D)
Sheep and lambs shorn	15	3 196	13	(D)
Pounds of wool	(X)	39 997	(X)	(D)
Sheep and lambs sold	26	(D)	17	(D)
Value of sales from sheep, lambs, and wool ($1,000)	27	105	21	(D)

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

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

Sheep and lambs	Sheep and lambs inventory				Sheep and lambs shorn			Sales			
	Total		Ewes 1 year old or older					Sheep and lambs		Sheep, lambs, and wool	
	Farms	Number	Farms	Number	Farms	Number	Pounds of wool	Farms	Number	Farms	Value ($1,000)
Total inventory	42	21 908	33	10 983	15	3 196	39 997	26	(D)	27	105
Farms with—											
1 to 24	33	282	27	141	11	(D)	705	19	104	20	7
25 to 99	4	268	2	(D)	1	(D)	(D)	3	29	3	2
100 to 299	1	(D)	1	(D)	-	-	-	-	-	-	-
300 to 999	1	(D)	-	-	-	-	-	1	(D)	1	(D)
1,000 to 2,499	2	(D)	2	(D)	2	(D)	(D)	2	(D)	2	(D)
2,500 to 4,999	-	-	-	-	-	-	-	-	-	-	-
5,000 or more	1	(D)	1	(D)	1	(D)	(D)	1	(D)	1	(D)
No inventory	(X)	(X)	(X)	(X)	-	-	-	-	-	-	-

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

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

Ewes 1 year old or older	Sheep and lambs inventory				Sheep and lambs shorn			Sales			
	Total		Ewes 1 year old or older					Sheep and lambs		Sheep, lambs, and wool	
	Farms	Number	Farms	Number	Farms	Number	Pounds of wool	Farms	Number	Farms	Value ($1,000)
Total inventory	33	21 360	33	10 983	15	3 196	39 997	23	(D)	24	102
Farms with—											
1 to 24	28	310	28	151	12	(D)	783	19	89	20	7
25 to 99	2	(D)	2	(D)	-	-	-	1	(D)	1	(D)
100 to 199	-	-	-	-	-	-	-	-	-	-	-
200 to 499	-	-	-	-	-	-	-	-	-	-	-
500 to 999	2	(D)	2	(D)	2	(D)	(D)	2	(D)	2	(D)
1,000 to 2,499	-	-	-	-	-	-	-	-	-	-	-
2,500 to 4,999	-	-	-	-	-	-	-	-	-	-	-
5,000 or more	1	(D)	1	(D)	1	(D)	(D)	1	(D)	1	(D)
No inventory	9	548	(X)	(X)	-	-	-	3	143	3	4

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

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

Item		Inventory		Sales	
		1987	1982	1987	1982
Horses and ponies	farms	537	505	63	79
	number	3 551	4 030	236	197
	$1,000	(X)	(X)	294	270
Mules, burros, and donkeys	farms	33	20	-	2
	number	111	64	-	(D)
	$1,000	(X)	(X)	-	(D)
Colonies of bees	farms	66	79	2	1
	number	10 616	8 587	(D)	(D)
Honey sold	farms	(X)	(X)	32	33
	pounds	(X)	(X)	1 347 115	777 084
Bees and honey sold	farms	(X)	(X)	33	(NA)
	$1,000	(X)	(X)	1 063	(D)
Goats	farms	74	76	34	22
	number	938	467	436	148
Angora goats	farms	-	-	-	-
	number	-	-	-	-
Mohair sold	farms	(X)	(X)	-	-
	pounds	(X)	(X)	-	-
Angora goats and mohair sold	farms	(X)	(X)	-	(NA)
	$1,000	(X)	(X)	-	-
Milk goats	farms	22	50	8	16
	number	136	241	54	92
Goats milk sold	farms	(X)	(X)	5	5
	gallons	(X)	(X)	1 446	1 521
Milk goats and goats milk sold	farms	(X)	(X)	11	(NA)
	$1,000	(X)	(X)	(D)	14
Other goats	farms	58	30	26	6
	number	802	226	382	56
	$1,000	(X)	(X)	34	4
Mink and their pelts	farms	-	-	-	-
	number	-	-	-	-
	$1,000	(X)	(X)	-	-
Rabbits and their pelts	farms	32	21	13	9
	number	355	383	993	(D)
	$1,000	(X)	(X)	18	(D)
Fish and other aquaculture products sold	farms	(X)	(X)	14	19
	$1,000	(X)	(X)	3 302	919
Other livestock and livestock products	farms	11	(NA)	6	(NA)
	$1,000	(X)	(X)	(D)	(D)

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

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

Crop	1987				1982			
	Farms	Acres	Quantity	Value of production[1] ($1,000)	Farms	Acres	Quantity	Value of production[1] ($1,000)
Harvested cropland	3 837	152 719	(X)	483 654	3 538	155 960	(X)	342 312
Corn for grain or seed (bushels)	-	-	-	-	12	648	(D)	28
Corn for silage or green chop or cut for dry fodder, hogged or grazed	-	-	(X)	-	-	-	(X)	-
Sorghum for grain or seed (bushels)	-	-	-	-	-	-	-	-
Sorghum for silage or green chop, cut for dry forage or hay, or hogged or grazed	-	-	(X)	-	-	-	(X)	-
Wheat for grain (bushels)	-	-	-	-	-	-	-	-
Barley for grain (bushels)	-	-	-	-	-	-	-	-
Oats for grain (bushels)	-	-	-	-	-	-	-	-
Rye for grain (bushels)	-	-	-	-	-	-	-	-
Rice (cwt)	-	-	-	-	-	-	-	-
Flaxseed (bushels)	-	-	-	-	-	-	-	-
Sunflower seed (pounds)	-	-	-	-	-	-	-	-
Soybeans for beans (bushels)	-	-	-	-	-	-	-	-
Dry edible beans, excluding dry limas (cwt)	-	-	-	-	-	-	-	-
Peanuts for nuts (pounds)	-	-	-	-	-	-	-	-
Cotton (bales)	-	-	-	-	-	-	-	-
Tobacco (pounds)	-	-	-	-	-	-	-	-
Irish potatoes (cwt)	17	33	3 823	57	17	17	1 436	22
Sweetpotatoes (bushels)	44	228	35 739	786	78	188	28 780	576
Pineapples harvested (tons)	18	22 262	683 182	105 896	15	23 141	626 860	58 298
Sugar beets for sugar (tons)	-	-	-	-	-	-	-	-
Sugarcane for sugar (tons)	79	79 234	7 934 181	222 951	188	89 696	8 950 242	179 004
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) (tons, dry)	8	2 453	5 818	690	5	706	1 660	166
Vegetables harvested for sale (see text)	710	5 587	(X)	25 790	746	4 673	(X)	18 703
Land in orchards	2 128	33 564	(X)	58 221	1 825	23 178	(X)	40 522
Berries harvested for sale	-	-	(X)	-	-	-	(X)	-
Nursery and greenhouse crops, mushrooms, and sod grown for sale (see text)	1 139	2 846	(X)	56 527	1 050	2 133	(X)	35 973
Other crops	416	7 864	(X)	12 736	(NA)	(NA)	(X)	9 021

[1]Data are estimated; see text.

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

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

Crop	Entire crop irrigated			Part of crop irrigated				None of crop irrigated		
	Farms	Acres	Average yield per acre	Farms	Acres irrigated	Acres not irrigated	Average yield per acre	Farms	Acres	Average yield per acre
Corn for grain or seed (bushels)	-	-	-	-	-	-	-	-	-	-
Corn for silage or green chop (tons, green)	-	-	-	-	-	-	-	-	-	-
Sorghum for grain or seed (bushels)	-	-	-	-	-	-	-	-	-	-
Wheat for grain (bushels)	-	-	-	-	-	-	-	-	-	-
Oats for grain (bushels)	-	-	-	-	-	-	-	-	-	-
Barley for grain (bushels)	-	-	-	-	-	-	-	-	-	-
Rice (cwt)	-	-	-	-	-	-	-	-	-	-
Soybeans for beans (bushels)	-	-	-	-	-	-	-	-	-	-
Peanuts for nuts (pounds)	-	-	-	-	-	-	-	-	-	-
Dry edible beans, excluding dry limas (cwt)	-	-	-	-	-	-	-	-	-	-
Cotton (bales)	-	-	-	-	-	-	-	-	-	-
Tobacco (pounds)	-	-	-	-	-	-	-	-	-	-
Irish potatoes (cwt)	13	(D)	(D)	-	-	-	-	4	(D)	(D)
Sugar beets for sugar (tons)	-	-	-	-	-	-	-	-	-	-
Sugarcane for sugar (tons)	13	35 290	106.5	4	13 831	16 404	94.7	62	13 709	95.9
Alfalfa hay (tons, dry)	3	149	4.9	-	-	-	-	-	-	-
Small grain hay (tons, dry)	-	-	-	-	-	-	-	-	-	-
Tame hay other than alfalfa, small grain, and wild hay (see text) (tons, dry)	-	-	-	1	(D)	(D)	(D)	4	(D)	(D)
Wild hay (tons, dry)	-	-	-	-	-	-	-	-	-	-
Grass silage, haylage, and green chop hay (tons, green)	-	-	-	-	-	-	-	1	(D)	(D)
Alfalfa seed (pounds)	-	-	-	-	-	-	-	-	-	-
Vegetables harvested for sale (see text)	539	5 001	(X)	13	44	43	(X)	158	499	(X)
Land in orchards	502	3 884	(X)	74	2 820	2 880	(X)	1 552	23 981	(X)
Strawberries harvested for sale (pounds)	-	-	-	-	-	-	-	-	-	-

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

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

Crop	1987					1982				
				Irrigated land					Irrigated land	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
Sweetpotatoes (bushels)	44	228	35 739	38	215	78	188	28 780	54	157
Sugarcane for sugar (tons)	79	79 234	7 934 181	17	49 121	188	89 696	8 950 242	17	50 283
1 to 14 acres	43	294	21 517	3	17	113	863	79 935	2	(D)
15 to 24 acres	11	214	15 996	3	57	29	562	52 717	3	58
25 to 49 acres	7	239	20 537	-	-	21	731	65 695	1	(D)
50 to 99 acres	4	(D)	(D)	-	-	6	453	42 022	-	-
100 to 249 acres	1	(D)	(D)	-	-	4	(D)	(D)	-	-
250 to 499 acres	-	-	-	-	-	1	(D)	(D)	-	-
500 to 999 acres	-	-	-	-	-	-	-	-	-	-
1,000 acres or more	13	78 027	7 829 580	11	49 047	14	86 196	8 633 826	11	50 168
Pineapples harvested (tons)	18	22 262	683 182	9	19 674	15	23 141	626 860	8	11 154
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)(tons, dry)	8	2 453	5 818	4	167	5	706	1 660	2	(D)
Vegetables harvested for sale (see text)	710	5 587	(X)	552	5 045	746	4 673	(X)	604	4 373
0.1 to 0.9 acres	159	73	(X)	108	52	225	96	(X)	155	70
1.0 to 4.9 acres	340	759	(X)	261	591	323	690	(X)	264	574
5.0 to 14.9 acres	129	989	(X)	104	816	124	984	(X)	113	889
15.0 to 24.9 acres	27	491	(X)	27	482	33	620	(X)	32	605
25.0 to 49.9 acres	41	1 417	(X)	40	1 366	25	889	(X)	24	855
50.0 to 99.9 acres	9	610	(X)	7	490	11	811	(X)	11	797
100.0 to 249.9 acres	3	(D)	(X)	3	(D)	5	583	(X)	5	583
250.0 to 499.9 acres	1	(D)	(X)	1	(D)	-	-	(X)	-	-
500.0 to 749.9 acres	1	(D)	(X)	1	(D)	-	-	(X)	-	-
750.0 to 999.9 acres	-	-	(X)	-	-					
1,000.0 acres or more	-	-	(X)	-	-					
1,000.0 to 1,999.9 acres	-	(X)	(X)	-	(X)	-	(X)	(X)	-	(X)
2,000.0 to 2,999.9 acres	-	(X)	(X)	-	(X)					
3,000.0 acres or more	-	(X)	(X)	-	(X)					
Snap beans	152	330	(X)	112	288	177	234	(X)	147	218
Sweet corn	105	(D)	(X)	71	223	100	195	(X)	77	168
Cucumbers and pickles	118	235	(X)	88	178	146	193	(X)	117	158
Lettuce and romaine	86	693	(X)	75	645	95	867	(X)	84	846
Tomatoes	89	331	(X)	74	319	110	220	(X)	99	209
Land in orchards	2 128	33 564	(X)	576	6 704	1 825	23 178	(X)	431	4 869
0.1 to 0.9 acres	190	90	(X)	100	47	180	87	(X)	82	36
1.0 to 4.9 acres	1 027	2 567	(X)	282	613	978	2 364	(X)	244	519
5.0 to 14.9 acres	710	5 384	(X)	154	992	526	3 983	(X)	77	493
15.0 to 24.9 acres	111	1 998	(X)	18	195	75	1 339	(X)	16	244
25.0 to 49.9 acres	54	1 848	(X)	14	(D)	39	1 295	(X)	7	(D)
50.0 to 99.9 acres	15	965	(X)	2	(D)	9	551	(X)	-	-
100.0 to 249.9 acres	6	958	(X)	2	(D)	7	1 072	(X)	2	(D)
250.0 to 499.9 acres	3	1 166	(X)	1	(D)	3	981	(X)	-	-
500.0 to 749.9 acres	3	(D)	(X)	-	-	4	2 651	(X)	1	(D)
750.0 to 999.9 acres	2	(D)	(X)	1	(D)					
1,000.0 acres or more	7	15 330	(X)	2	(D)					
1,000.0 to 1,999.9 acres	4	(X)	(X)	1	(X)	4	(X)	(X)	2	(X)
2,000.0 to 2,999.9 acres	1	(X)	(X)	-	(X)					
3,000.0 acres or more	2	(X)	(X)	1	(X)					

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

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

Crop		Total			Trees or vines not of bearing age		Trees or vines of bearing age		Harvested	
		Farms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms	Pounds
Avocados	1987	412	(D)	(D)	269	(D)	339	18 845	278	926 210
	1982	421	558	24 356	261	12 260	368	12 096	282	711 760
Bananas	1987	530	1 686	552 880	267	159 283	497	393 597	417	12 947 447
	1982	533	1 104	476 800	363	151 284	492	325 516	405	5 563 365
Coffee (parchment)	1987	754	2 391	1 164 464	259	293 375	716	871 089	582	1 747 974
	1982	598	1 582	677 106	93	53 531	585	623 575	543	1 806 396
Guavas	1987	141	1 081	121 802	39	21 659	138	100 143	114	16 311 935
	1982	174	938	145 360	66	32 159	145	113 201	88	5 674 642
Papayas	1987	361	3 764	2 552 048	180	944 011	349	1 608 037	318	75 418 707
	1982	343	2 701	1 342 476	220	514 944	316	827 532	276	50 258 158
Oranges	1987	138	163	10 694	72	3 075	104	7 619	82	(D)
	1982	134	77	4 797	75	1 184	101	3 613	65	125 325
Macadamia nuts (husked, unshelled)	1987	1 036	23 233	1 651 533	489	556 309	921	1 095 224	837	44 464 884
	1982	879	15 472	1 058 296	497	392 359	727	665 937	672	35 594 548

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

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

Crop		Under glass or other protection		In the open		Sales	
		Farms	Square feet	Farms	Acres	Farms	Value ($1,000)
Nursery and greenhouse crops, mushrooms, and sod grown for sale (see text)	1987	618	25 435 239	774	2 264	1 139	56 527
	1982	601	21 063 515	649	1 650	1 050	35 973
1987 value of sales:							
$1 to $2,499 sales		117	609 911	179	145	269	373
$2,500 to $9,999 sales		185	1 672 931	244	331	357	1 847
$10,000 to $39,999 sales		148	3 949 706	174	362	259	5 145
$40,000 to $99,999 sales		73	3 228 075	93	441	127	7 862
$100,000 to $199,999 sales		40	2 763 898	34	265	55	7 837
$200,000 to $499,999 sales		37	5 455 234	37	392	53	14 305
$500,000 sales or more		18	7 755 484	13	328	19	19 158
Cut flowers and cut florist greens	1987	310	16 002 986	511	1 299	700	26 447
	1982	287	10 863 917	376	823	586	14 751
1987 value of sales:							
$1 to $2,499 sales		74	550 847	128	85	189	263
$2,500 to $9,999 sales		84	1 085 124	167	210	219	1 154
$10,000 to $39,999 sales		81	3 175 950	124	275	165	3 231
$40,000 to $99,999 sales		37	2 323 513	55	326	77	4 648
$100,000 sales or more		34	8 867 552	37	402	50	17 152
Foliage and potted flowering plants, total	1987	248	7 294 300	169	495	351	20 861
	1982	235	6 130 313	190	517	361	13 518
Foliage plants	1987	110	4 880 244	117	449	191	12 621
1987 value of sales:							
$1 to $2,499 sales		20	45 241	43	33	59	58
$2,500 to $9,999 sales		28	175 516	26	72	47	247
$10,000 to $39,999 sales		23	225 860	21	44	39	744
$40,000 to $99,999 sales		10	276 543	11	17	14	906
$100,000 sales or more		29	4 157 084	16	283	32	10 666
Potted flowering plants	1987	164	2 414 056	66	46	201	8 240
1987 value of sales:							
$1 to $2,499 sales		45	92 327	22	7	61	73
$2,500 to $9,999 sales		53	261 033	25	19	67	331
$10,000 to $39,999 sales		36	435 214	10	6	38	843
$40,000 to $99,999 sales		12	351 322	4	5	14	906
$100,000 sales or more		18	1 274 160	5	10	21	6 087
Nursery crops	1987	74	1 598 034	159	392	196	7 056
	1982	85	1 258 657	130	292	177	4 441
Greenhouse vegetables	1987	20	368 758	(X)	(X)	20	513
	1982	34	2 713 648	(X)	(X)	34	2 755

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

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

Characteristics		All farms	Fewest number of farms accounting for— 10 percent of sales	25 percent of sales	50 percent of sales	75 percent of sales
Farms	number	4 870	2	5	13	54
	percent	100.0	(Z)	.1	.3	1.1
Land in farms	acres	1 721 521	(D)	179 290	347 832	771 451
Average size of farm	acres	353	(D)	35 858	26 756	14 286
Value of land and buildings[1]	farms	4 869	2	5	13	54
	$1,000	2 938 125	(D)	242 482	443 033	1 062 208
Average per farm	dollars	603 435	(D)	48 496 400	34 079 462	19 670 519
Average per acre	dollars	1 707	(D)	1 352	1 274	1 377
Estimated market value of all machinery and equipment	$1,000	199 280	(D)	57 063	86 975	120 680
	percent	100.0	(D)	28.6	43.6	60.6
Land in farms according to use:						
Total cropland	acres	327 396	(D)	103 150	189 790	233 717
Harvested cropland	acres	152 719	(D)	51 218	94 527	122 297
Pastureland, excluding woodland pastured	acres	1 017 597	-	-	5 747	308 210
Market value of agricultural products sold	$1,000	609 740	(D)	167 161	310 753	458 391
Average per farm	dollars	125 203	(D)	33 432 140	23 904 052	8 488 715
Grains	farms	-	-	-	-	-
	$1,000	-	-	-	-	-
Cotton and cottonseed	farms	-	-	-	-	-
	$1,000	-	-	-	-	-
Tobacco	farms	-	-	-	-	-
	$1,000	-	-	-	-	-
Hay, silage, and field seeds	farms	7	-	-	-	-
	$1,000	630	-	-	-	-
Vegetables, sweet corn, and melon	farms	708	-	1	1	2
	$1,000	25 790	-	(D)	(D)	(D)
Fruits, nuts, and berries	farms	1 747	-	2	5	13
	$1,000	157 332	-	(D)	87 438	129 912
Nursery and greenhouse crops	farms	1 139	-	-	-	7
	$1,000	56 527	-	-	-	10 192
Other crops	farms	497	2	3	8	14
	$1,000	258 037	(D)	118 207	208 306	247 227
Poultry and poultry products	farms	99	-	-	-	8
	$1,000	21 009	-	-	-	14 197
Dairy products	farms	23	-	-	-	8
	$1,000	31 299	-	-	-	23 864
Cattle and calves	farms	807	-	-	1	15
	$1,000	43 881	-	-	(D)	27 257
Hogs and pigs	farms	307	-	-	-	2
	$1,000	10 371	-	-	-	(D)
Sheep, lambs, and wool	farms	27	-	-	1	2
	$1,000	105	-	-	(D)	(D)
Other livestock and livestock products (see text)	farms	148	-	-	-	5
	$1,000	4 759	-	-	-	2 780
Total farm production expenses[1]	farms	4 868	2	5	13	54
	$1,000	495 759	(D)	129 136	248 713	373 245
Selected farm production expenses[1]:						
Livestock and poultry purchased	farms	589	-	-	1	16
	$1,000	15 230	-	-	(D)	10 108
Feed for livestock and poultry	farms	945	-	-	1	22
	$1,000	42 629	-	-	(D)	27 884
Commercial fertilizer	farms	3 524	2	5	12	33
	$1,000	30 717	(D)	10 273	19 280	23 863
Agricultural chemicals	farms	3 881	2	5	12	35
	$1,000	18 233	(D)	5 995	9 910	12 972
Petroleum products	farms	4 503	2	5	13	54
	$1,000	17 197	(D)	5 536	8 838	11 741
Electricity	farms	1 868	2	5	13	51
	$1,000	5 611	(D)	980	2 243	3 841
Hired farm labor	farms	1 224	2	5	13	54
	$1,000	193 230	(D)	67 332	113 040	161 899
Interest	farms	1 285	1	3	9	38
	$1,000	22 930	(D)	4 794	7 576	14 036
Payments from government programs	farms	62	-	1	2	6
	$1,000	1 768	-	(D)	(D)	1 625
Inventory of selected livestock:						
Cattle and calves	farms	1 003	-	-	1	15
	number	211 045	-	-	(D)	81 891
Milk cows	farms	73	-	-	-	8
	number	11 836	-	-	-	8 544
Hogs and pigs	farms	372	-	-	-	2
	number	47 564	-	-	-	(D)

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

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

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

Item	All farms				Farms with sales of $10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
FARMS AND LAND IN FARMS								
Farms ..... number	4 870	2 549	768	1 553	2 049	809	425	815
..... percent	100.0	52.3	15.8	31.9	42.1	16.6	8.7	16.7
Land in farms ..... acres	1 721 521	344 157	1 074 110	303 254	1 634 955	306 818	1 058 432	269 705
Average size of farm ..... acres	353	135	1 399	195	798	379	2 490	331
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms	4 870	2 549	768	1 553	2 049	809	425	815
..... $1,000	609 740	161 103	342 933	105 704	600 637	155 835	341 770	103 032
Average per farm ..... dollars	125 203	63 202	446 528	68 065	293 137	192 627	804 165	126 419
Farms by value of sales:								
Less than $1,000 (see text)	650	421	80	149	-	-	-	-
$1,000 to $2,499	752	490	85	177	-	-	-	-
$2,500 to $4,999	674	413	78	183	-	-	-	-
$5,000 to $9,999	745	416	100	229	-	-	-	-
$10,000 to $19,999	685	304	104	277	685	304	104	277
$20,000 to $24,999	226	101	39	86	226	101	39	86
$25,000 to $39,999	358	126	62	170	358	126	62	170
$40,000 to $49,999	118	57	18	43	118	57	18	43
$50,000 to $99,999	287	111	75	101	287	111	75	101
$100,000 to $249,999	195	53	70	72	195	53	70	72
$250,000 to $499,999	83	26	20	37	83	26	20	37
$500,000 to $999,999	36	17	9	10	36	17	9	10
$1,000,000 or more	61	14	28	19	61	14	28	19
Grains ..... farms	-	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-	-
Corn for grain ..... farms	-	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-	-
Wheat ..... farms	-	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-	-
Soybeans ..... farms	-	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-	-
Sorghum for grain ..... farms	-	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-	-
Barley ..... farms	-	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-	-
Oats ..... farms	-	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-	-
Other grains ..... farms	-	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-	-
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	7	1	2	4	6	-	2	4
..... $1,000	630	(D)	(D)	(D)	(D)	-	(D)	(D)
Sales of $50,000 or more ..... farms	1	-	-	1	1	-	-	1
..... $1,000	(D)	-	-	(D)	(D)	-	-	(D)
Vegetables, sweet corn, and melons ..... farms	708	324	126	258	427	165	99	163
..... $1,000	25 790	6 744	11 367	7 679	24 906	6 291	11 272	7 343
Sales of $50,000 or more ..... farms	114	29	53	32	114	29	53	32
..... $1,000	19 352	3 788	10 607	4 958	19 352	3 788	10 607	4 958
Fruits, nuts, and berries ..... farms	1 747	846	275	626	734	253	155	326
..... $1,000	157 332	96 546	44 644	16 142	153 886	94 643	44 220	15 022
Sales of $50,000 or more ..... farms	95	25	33	37	95	25	33	37
..... $1,000	141 644	90 458	41 897	9 289	141 644	90 458	41 897	9 289
Nursery and greenhouse crops ..... farms	1 139	744	122	273	573	300	90	183
..... $1,000	56 527	21 645	13 165	21 717	(D)	(D)	13 056	21 444
Sales of $50,000 or more ..... farms	224	91	41	92	224	91	41	92
..... $1,000	47 869	15 993	12 190	19 687	47 869	15 993	12 190	19 687
Other crops ..... farms	497	166	108	223	310	78	89	143
..... $1,000	258 037	1 690	243 965	12 383	257 320	1 383	243 900	12 037
Sales of $50,000 or more ..... farms	66	5	35	26	66	5	35	26
..... $1,000	253 056	297	242 910	9 848	253 056	297	242 910	9 848
Poultry and poultry products ..... farms	99	58	15	26	47	26	10	11
..... $1,000	21 009	13 780	2 543	4 686	20 963	13 753	2 541	4 669
Sales of $50,000 or more ..... farms	23	16	3	4	23	16	3	4
..... $1,000	20 835	13 652	2 535	4 649	20 835	13 652	2 535	4 649
Dairy products ..... farms	23	7	5	11	21	6	4	11
..... $1,000	31 299	8 877	6 479	15 944	(D)	(D)	(D)	15 944
Sales of $50,000 or more ..... farms	20	5	4	11	20	5	4	11
..... $1,000	31 266	(D)	(D)	15 944	31 266	(D)	(D)	15 944
Cattle and calves ..... farms	807	385	227	195	225	66	88	71
..... $1,000	43 881	4 189	18 969	20 723	42 425	3 599	18 547	20 280
Sales of $50,000 or more ..... farms	74	17	33	24	74	17	33	24
..... $1,000	40 341	3 106	17 825	19 410	40 341	3 106	17 825	19 410

See footnotes at end of table.

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

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

Item	All farms				Farms with sales of $10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Hogs and pigs ---- farms	307	190	34	83	127	74	16	37
$1,000	10 371	6 723	1 502	2 146	9 909	6 394	1 475	2 040
Sales of $50,000 or more ---- farms	45	29	6	10	45	29	6	10
$1,000	8 359	5 496	1 390	1 473	8 359	5 496	1 390	1 473
Sheep, lambs, and wool ---- farms	27	12	12	3	10	4	4	2
$1,000	105	(D)	(D)	(D)	(D)	31	66	(D)
Sales of $50,000 or more ---- farms	1	-	1	-	1	-	1	-
$1,000	(D)	-	(D)	-	(D)	-	(D)	-
Other livestock and livestock products (see text) ---- farms	148	71	34	43	61	21	16	24
$1,000	4 759	875	199	3 685	4 624	788	182	3 654
Sales of $50,000 or more ---- farms	10	5	-	5	10	5	-	5
$1,000	4 097	623	-	3 475	4 097	623	-	3 475
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses ---- farms	4 868	2 549	768	1 551	2 048	808	425	815
$1,000	495 759	130 799	275 732	89 227	482 975	123 633	273 807	85 535
Average per farm ---- dollars	101 840	51 314	359 026	57 529	235 828	153 011	644 252	104 951
Livestock and poultry purchased ---- farms	589	298	140	151	244	104	68	72
$1,000	15 230	3 489	2 303	9 438	14 646	3 216	2 198	9 232
Farms with expenses of—								
$1 to $4,999	444	239	104	101	115	50	34	31
$5,000 to $24,999	84	34	19	31	72	31	17	24
$25,000 to $99,999	40	15	13	12	36	13	13	10
$100,000 or more	21	10	4	7	21	10	4	7
Feed for livestock and poultry ---- farms	945	494	193	258	344	148	88	108
$1,000	42 629	14 963	10 149	17 517	42 095	14 668	10 068	17 359
Farms with expenses of—								
$1 to $4,999	744	395	159	190	154	56	54	44
$5,000 to $24,999	97	46	15	36	86	39	15	32
$25,000 to $99,999	44	26	4	14	44	26	4	14
$100,000 or more	60	27	15	18	60	27	15	18
Commercially mixed formula feeds ---- farms	358	195	61	102	168	80	34	54
$1,000	19 012	9 474	3 430	6 108	18 883	9 398	3 416	6 069
Farms with expenses of—								
$1 to $4,999	256	144	45	67	68	30	18	20
$5,000 to $24,999	37	19	5	13	35	18	5	12
$25,000 to $79,999	21	13	1	7	21	13	1	7
$80,000 or more	44	19	10	15	44	19	10	15
Seeds, bulbs, plants, and trees ---- farms	1 484	768	244	472	820	324	186	310
$1,000	12 316	1 553	8 846	1 917	12 047	1 377	8 816	1 854
Farms with expenses of—								
$1 to $999	1 077	620	124	333	471	214	74	183
$1,000 to $4,999	289	116	79	94	236	80	72	84
$5,000 to $24,999	83	24	26	33	79	23	25	31
$25,000 or more	35	8	15	12	34	7	15	12
Commercial fertilizer ---- farms	3 524	1 780	565	1 179	1 676	645	352	679
$1,000	30 717	6 330	20 970	3 417	29 701	5 770	20 838	3 093
Farms with expenses of—								
$1 to $4,999	3 200	1 712	431	1 057	1 362	581	218	563
$5,000 to $24,999	263	56	105	102	253	52	105	96
$25,000 to $49,999	25	3	9	13	25	3	9	13
$50,000 or more	36	9	20	7	36	9	20	7
Agricultural chemicals ---- farms	3 881	2 000	628	1 253	1 787	694	383	710
$1,000	18 233	5 074	10 631	2 527	17 152	4 513	(D)	(D)
Farms with expenses of—								
$1 to $4,999	3 634	1 942	533	1 159	1 558	644	290	624
$5,000 to $24,999	205	48	72	85	187	40	70	77
$25,000 to $49,999	13	2	6	5	13	2	6	5
$50,000 or more	29	8	17	4	29	8	17	4
Petroleum products ---- farms	4 503	2 305	730	1 468	1 995	777	421	797
$1,000	17 197	4 420	10 076	2 701	16 065	3 784	9 907	2 373
Farms with expenses of—								
$1 to $4,999	4 242	2 236	633	1 373	1 736	708	325	703
$5,000 to $24,999	218	62	74	82	216	62	73	81
$25,000 to $49,999	17	2	7	8	17	2	7	8
$50,000 or more	26	5	16	5	26	5	16	5
Gasoline and gasohol ---- farms	4 151	2 113	687	1 351	1 870	732	398	740
$1,000	6 379	1 702	3 160	1 517	5 493	1 210	3 022	1 261
Diesel fuel ---- farms	1 468	683	325	460	871	299	244	328
$1,000	8 560	2 160	5 605	795	8 419	2 074	5 588	756
Natural gas ---- farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
LP gas, fuel oil, kerosene, motor oil, grease, etc. ---- farms	2 782	1 305	545	932	1 569	594	364	611
$1,000	2 258	558	1 311	389	2 153	500	1 297	356

See footnotes at end of table.

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

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

Item	All farms				Farms with sales of $10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
FARM PRODUCTION EXPENSES[1] —Con.								
Total farm production expenses—Con.								
Electricity ..... farms	1 868	959	354	555	1 173	501	272	400
$1,000	5 611	1 396	2 737	1 478	5 389	1 270	2 702	1 417
Farms with expenses of—								
$1 to $999	1 436	794	233	409	787	360	160	267
$1,000 to $4,999	316	133	80	103	272	109	72	91
$5,000 to $24,999	79	25	25	29	77	25	24	28
$25,000 or more	37	7	16	14	37	7	16	14
Hired farm labor ..... farms	1 224	511	284	429	902	329	244	329
$1,000	193 230	52 383	116 309	24 538	192 113	51 894	116 111	24 108
Farms with expenses of—								
$1 to $4,999	550	265	89	196	267	105	55	107
$5,000 to $24,999	311	135	89	87	281	118	84	79
$25,000 to $99,999	234	78	62	94	227	73	62	92
$100,000 or more	129	33	44	52	127	33	43	51
Contract labor ..... farms	768	339	120	309	457	167	89	201
$1,000	5 885	1 527	1 959	2 399	5 286	1 240	1 906	2 140
Farms with expenses of—								
$1 to $999	223	97	23	103	76	24	13	39
$1,000 to $4,999	334	162	55	117	188	78	35	75
$5,000 to $24,999	178	73	34	71	161	58	33	70
$25,000 or more	33	7	8	18	32	7	8	17
Repair and maintenance ..... farms	3 612	1 794	628	1 190	1 799	706	385	708
$1,000	25 557	4 820	17 276	3 462	24 473	4 244	17 071	3 159
Farms with expenses of—								
$1 to $4,999	3 300	1 701	522	1 077	1 504	619	284	601
$5,000 to $24,999	245	79	76	90	228	73	71	84
$25,000 to $49,999	28	7	9	12	28	7	9	12
$50,000 or more	39	7	21	11	39	7	21	11
Customwork, machine hire, and rental of machinery and equipment ..... farms	698	282	153	263	387	113	113	161
$1,000	8 175	797	6 313	1 065	7 872	594	6 277	1 002
Farms with expenses of—								
$1 to $999	434	185	78	171	202	64	50	88
$1,000 to $4,999	191	74	47	70	123	35	36	52
$5,000 to $24,999	49	18	14	17	38	9	13	16
$25,000 or more	24	5	14	5	24	5	14	5
Interest expense ..... farms	1 285	633	295	357	860	355	230	275
$1,000	22 930	7 509	13 042	2 380	21 407	6 311	12 811	2 286
Farms with expenses of—								
$1 to $4,999	847	408	164	275	499	193	110	196
$5,000 to $24,999	324	170	92	62	256	115	82	59
$25,000 to $99,999	97	49	32	16	88	41	31	16
$100,000 or more	17	6	7	4	17	6	7	4
Secured by real estate ..... farms	721	508	213	-	451	280	171	-
$1,000	15 097	5 639	9 459	-	13 792	4 536	9 257	-
Farms with expenses of—								
$1 to $999	119	85	34	-	60	33	27	-
$1,000 to $4,999	284	216	68	-	144	101	43	-
$5,000 to $24,999	238	158	80	-	176	105	71	-
$25,000 or more	80	49	31	-	71	41	30	-
Not secured by real estate ..... farms	726	228	141	357	543	157	111	275
$1,000	7 833	1 870	3 583	2 380	7 615	1 775	3 554	2 286
Farms with expenses of—								
$1 to $999	286	102	47	137	187	62	32	93
$1,000 to $4,999	293	94	61	138	215	66	46	103
$5,000 to $24,999	117	28	27	62	111	25	27	59
$25,000 or more	30	4	6	20	30	4	6	20
Cash rent ..... farms	1 668	-	512	1 156	967	-	310	657
$1,000	15 910	-	10 984	4 927	15 212	-	10 832	4 379
Farms with expenses of—								
$1 to $4,999	1 438	-	425	1 013	753	-	225	528
$5,000 to $9,999	96	-	34	62	83	-	32	51
$10,000 to $24,999	67	-	23	44	64	-	23	41
$25,000 or more	67	-	30	37	67	-	30	37
Property taxes ..... farms	3 926	2 506	763	657	1 596	803	422	371
$1,000	5 142	2 060	2 655	427	4 140	1 266	2 506	367
Farms with expenses of—								
$1 to $4,999	3 827	2 457	722	648	1 514	770	382	362
$5,000 to $9,999	43	30	11	2	26	14	10	2
$10,000 to $24,999	27	12	10	5	27	12	10	5
$25,000 or more	29	7	20	2	29	7	20	2
All other farm production expenses ..... farms	4 428	2 270	721	1 437	2 040	804	425	811
$1,000	76 996	24 478	41 482	11 035	75 377	23 487	41 290	10 600
Farms with expenses of—								
$1 to $4,999	3 801	2 056	544	1 201	1 426	599	248	579
$5,000 to $24,999	407	148	102	157	398	142	102	154
$25,000 to $49,999	87	31	24	32	84	29	24	31
$50,000 or more	133	35	51	47	132	34	51	47

See footnotes at end of table.

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

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

Item	All farms				Farms with sales of $10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT[1]								
All farms ..... number	4 869	2 550	768	1 551	2 048	808	425	815
$1,000	113 904	30 239	67 201	16 464	117 599	32 139	67 963	17 497
Average per farm ..... dollars	23 394	11 859	87 501	10 615	57 421	39 776	159 913	21 468
Farms with net gains[2] ..... number	3 132	1 598	475	1 059	1 742	710	346	686
Average net gain ..... dollars	43 761	23 284	155 026	24 755	76 808	49 580	211 932	36 835
Gain of—								
Less than $1,000	484	308	52	124	49	17	14	18
$1,000 to $9,999	1 549	883	178	488	594	286	87	221
$10,000 to $49,999	848	317	171	360	848	317	171	360
$50,000 or more	251	90	74	87	251	90	74	87
Farms with net losses ..... number	1 737	952	293	492	306	98	79	129
Average net loss ..... dollars	13 331	7 320	21 966	19 820	52 942	31 254	67 914	60 249
Loss of—								
Less than $1,000	426	253	62	111	25	9	5	11
$1,000 to $9,999	990	558	150	282	112	42	19	51
$10,000 to $49,999	235	118	58	59	92	30	33	29
$50,000 or more	86	23	23	40	77	17	22	38
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME								
Government payments ..... farms	62	20	22	20	35	8	17	10
$1,000	1 768	51	1 672	45	1 699	19	1 660	20
Other farm-related income[1] ..... farms	530	279	115	136	236	86	76	74
$1,000	3 730	1 041	1 846	844	2 915	538	1 767	610
Customwork and other agricultural services ..... farms	239	120	52	67	94	31	33	30
$1,000	1 947	589	912	447	1 473	292	870	310
Gross cash rent or share payments ..... farms	124	71	29	24	56	23	19	14
$1,000	1 301	317	735	249	1 100	202	711	186
Forest products and Christmas trees ..... farms	36	20	8	8	12	4	4	4
$1,000	152	54	31	67	110	27	21	62
Other farm-related income sources ..... farms	156	74	40	42	88	29	32	27
$1,000	330	81	167	81	232	17	165	51
COMMODITY CREDIT CORPORATION LOANS								
Total ..... farms	6	3	-	3	6	3	-	3
$1,000	394	340	-	54	394	340	-	54
Corn ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Wheat ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Soybeans ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Sorghum, barley, and oats ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Cotton ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey ..... farms	6	3	-	3	6	3	-	3
$1,000	394	340	-	54	394	340	-	54
LAND IN FARMS ACCORDING TO USE								
Total cropland ..... farms	4 170	2 183	645	1 342	1 814	709	373	732
acres	327 396	56 366	220 287	50 743	299 180	45 325	215 462	38 393
Harvested cropland ..... farms	3 837	2 005	566	1 266	1 758	686	358	714
acres	152 719	30 700	103 808	18 211	145 422	26 844	102 766	15 812
Farms by acres harvested:								
1 to 49 acres	3 746	1 986	526	1 234	1 673	672	318	683
50 to 99 acres	42	7	19	16	39	4	19	16
100 to 199 acres	13	4	3	6	11	2	3	6
200 to 499 acres	7	2	1	4	7	2	1	4
500 to 999 acres	7	1	2	4	6	1	2	3
1,000 to 1,999 acres	2	1	1	-	2	1	1	-
2,000 acres or more	20	4	14	2	20	4	14	2
Cropland:								
Pasture or grazing only ..... farms	460	243	122	95	118	48	37	33
acres	40 504	10 357	13 793	16 354	27 382	5 378	10 790	11 214
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms	119	57	32	30	55	18	17	20
acres	2 639	272	278	2 089	1 195	(D)	(D)	908
On which all crops failed ..... farms	54	17	16	21	33	7	14	12
acres	122	38	31	53	72	(D)	(D)	30
In cultivated summer fallow ..... farms	56	15	21	20	41	7	17	17
acres	795	468	177	150	714	434	135	145
Idle ..... farms	839	355	194	290	433	144	125	164
acres	130 617	14 531	102 200	13 886	124 395	12 554	101 557	10 284
Total woodland ..... farms	216	123	52	41	71	32	19	20
acres	99 135	55 355	32 054	11 726	92 845	51 635	31 185	10 025
Woodland pastured ..... farms	71	38	21	12	22	10	8	4
acres	27 517	13 217	10 075	4 225	23 325	10 498	9 770	3 057
Woodland not pastured ..... farms	163	90	39	34	57	25	15	17
acres	71 618	42 138	21 979	7 501	69 520	41 137	21 415	6 968

See footnotes at end of table.

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

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

Item	All farms				Farms with sales of $10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
LAND IN FARMS ACCORDING TO USE—Con.								
Pastureland and rangeland other than cropland and woodland pastured ..... farms..	614	269	171	174	216	62	87	67
acres..	977 093	177 698	593 580	205 815	934 466	162 165	584 695	187 606
Land in house lots, ponds, roads, wasteland, etc. ..... farms..	2 198	1 190	437	571	984	408	251	325
acres..	317 897	54 738	228 189	34 970	308 464	47 693	227 090	33 681
Cropland under federal acreage reduction programs:								
Annual commodity acreage adjustment programs ..... farms..	-	-	-	-	-	-	-	-
acres..	-	-	-	-	-	-	-	-
Conservation reserve program ..... farms..	1	1	-	-	-	-	-	-
acres..	(D)	(D)	-	-	-	-	-	-
Value of land and buildings[1] ..... farms..	4 869	2 550	768	1 551	2 048	808	425	815
$1,000..	2 938 125	786 348	1 416 973	734 804	2 245 873	497 406	1 292 695	455 772
Average per farm ..... dollars..	603 435	308 372	1 845 017	473 761	1 096 618	615 601	3 041 635	559 229
Average per acre ..... dollars..	1 707	2 285	1 319	2 428	1 374	1 622	1 221	1 690
Farms by value group:								
$1 to $39,999	1 013	500	61	452	306	87	31	188
$40,000 to $69,999	551	294	45	212	200	75	17	108
$70,000 to $99,999	386	200	48	138	147	56	20	71
$100,000 to $149,999	598	350	74	174	214	98	32	84
$150,000 to $199,999	479	302	54	123	189	94	25	70
$200,000 to $499,999	1 189	662	247	280	558	258	133	167
$500,000 to $999,999	370	171	115	84	215	89	67	59
$1,000,000 to $1,999,999	149	46	59	44	103	30	41	32
$2,000,000 to $4,999,999	62	7	34	21	48	4	29	15
$5,000,000 or more	72	18	31	23	68	17	30	21
VALUE OF MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ..... farms..	4 836	2 528	764	1 544	2 048	808	425	815
$1,000..	199 280	67 625	99 452	32 204	174 643	52 636	96 096	25 910
Farms by value group:								
$1 to $4,999	1 116	665	112	339	331	169	39	123
$5,000 to $9,999	1 601	921	202	478	386	158	65	163
$10,000 to $19,999	969	470	158	341	463	165	77	221
$20,000 to $49,999	788	357	166	265	535	222	119	194
$50,000 to $99,999	212	78	63	71	185	59	62	64
$100,000 to $199,999	87	21	31	35	85	19	31	35
$200,000 to $499,999	37	10	16	11	37	10	16	11
$500,000 or more	26	6	16	4	26	6	16	4
SELECTED MACHINERY AND EQUIPMENT[1]								
Motortrucks, including pickups ..... farms..	4 222	2 152	713	1 357	1 904	750	410	744
number..	9 270	3 550	3 363	2 357	6 370	1 816	2 959	1 595
Wheel tractors ..... farms..	2 336	1 156	433	747	1 180	441	273	466
number..	4 506	1 845	1 333	1 328	2 937	888	1 111	938
Less than 40 horsepower (PTO) ..... farms..	1 797	900	331	566	897	343	201	353
number..	2 550	1 204	546	800	1 412	510	379	523
40 horsepower (PTO) or more ..... farms..	932	420	204	308	572	194	159	219
number..	1 956	641	787	528	1 525	378	732	415
Grain and bean combines ..... farms..	-	-	-	-	-	-	-	-
number..	-	-	-	-	-	-	-	-
Cottonpickers and strippers ..... farms..	-	-	-	-	-	-	-	-
number..	-	-	-	-	-	-	-	-
Mower conditioners ..... farms..	-	-	-	-	-	-	-	-
number..	-	-	-	-	-	-	-	-
Pickup balers ..... farms..	5	-	3	2	5	-	3	2
number..	8	-	(D)	(D)	8	-	(D)	(D)
AGRICULTURAL CHEMICALS[1]								
Commercial fertilizer ..... farms..	3 522	1 780	564	1 178	1 674	645	351	678
acres on which used..	225 457	39 118	169 599	16 740	217 902	35 217	168 206	14 479
Lime ..... farms..	825	399	156	270	454	173	122	159
acres on which used..	21 544	3 833	15 148	2 563	19 940	3 107	14 922	1 911
tons..	23 220	3 218	17 503	2 499	21 495	2 460	17 226	1 809
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms..	2 008	1 025	308	675	1 124	447	225	452
acres on which used..	68 150	32 775	28 918	6 457	66 251	31 740	28 615	5 896
Nematodes in crops ..... farms..	663	293	143	227	447	162	121	164
acres on which used..	15 792	6 983	6 355	2 454	15 386	6 765	6 311	2 310
Diseases in crops and orchards ..... farms..	1 151	543	203	405	713	267	159	287
acres on which used..	(D)	10 134	(D)	4 208	16 338	9 616	2 854	3 868
Weeds, grass, or brush in crops and pasture ..... farms..	2 887	1 394	506	987	1 437	535	321	581
acres on which used..	235 871	24 355	192 085	19 431	227 902	20 471	190 596	16 835
Chemicals for defoliation or for growth control of crops or thinning of fruit ..... farms..	212	103	39	70	108	37	29	42
acres on which used..	57 481	15 474	38 408	3 599	57 246	15 360	38 367	3 519

See footnotes at end of table.

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

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

Item	All farms				Farms with sales of $10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
TENURE AND RACE OF OPERATOR								
All operators	4 870	2 549	768	1 553	2 049	809	425	815
Full owners	2 549	2 549	-	-	809	809	-	-
Part owners	768	-	768	-	425	-	425	-
Tenants	1 553	-	-	1 553	815	-	-	815
White	1 713	945	304	464	596	255	133	208
Full owners	945	945	-	-	255	255	-	-
Part owners	304	-	304	-	133	-	133	-
Tenants	464	-	-	464	208	-	-	208
Black and other races	3 157	1 604	464	1 089	1 453	554	292	607
Full owners	1 604	1 604	-	-	554	554	-	-
Part owners	464	-	464	-	292	-	292	-
Tenants	1 089	-	-	1 089	607	-	-	607
OWNED AND RENTED LAND								
Land owned — farms	3 333	2 549	768	16	1 242	809	425	8
acres	886 170	353 070	532 546	554	840 311	312 470	527 299	542
Owned land in farms — farms	3 317	2 549	768	-	1 234	809	425	-
acres	848 906	344 157	504 749	-	806 472	306 818	499 654	-
Land rented or leased from others — farms	2 331	10	768	1 553	1 245	5	425	815
acres	904 484	6 851	588 506	309 127	856 591	6 766	577 912	271 913
Rented or leased land in farms — farms	2 321	-	768	1 553	1 240	-	425	815
acres	872 615	-	569 361	303 254	828 483	-	558 778	269 705
Land rented or leased to others — farms	250	152	51	47	129	60	39	30
acres	69 133	15 764	46 942	6 427	61 947	12 418	46 779	2 750
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	2 750	1 656	482	612	1 127	549	262	316
Not on farm operated	1 713	623	239	851	796	202	141	453
Not reported	407	270	47	90	126	58	22	46
Operators by principal occupation:								
Farming	2 816	1 393	478	945	1 557	604	336	617
Other	2 054	1 156	290	608	492	205	89	198
Operators by days of work off farm:								
None	1 723	913	284	526	960	379	221	360
Any	2 728	1 379	435	914	909	344	172	393
1 to 99 days	624	321	98	205	219	83	39	97
100 to 199 days	628	306	109	213	220	70	50	100
200 days or more	1 476	752	228	496	470	191	83	196
Not reported	419	257	49	113	180	86	32	62
Operators by years on present farm:								
2 years or less	491	202	61	228	197	62	25	110
3 or 4 years	580	238	89	253	246	71	51	124
5 to 9 years	1 042	516	148	378	449	164	83	202
10 years or more	1 907	1 088	335	484	867	393	204	270
Average years on present farm	13.3	14.7	14.6	10.4	13.5	15.4	15.2	10.7
Not reported	850	505	135	210	290	119	62	109
Operators by age group:								
Under 25 years	28	6	2	20	12	1	1	10
25 to 34 years	505	168	76	261	263	77	47	139
35 to 44 years	1 151	489	218	444	536	170	122	244
45 to 49 years	411	207	78	126	150	58	24	68
50 to 54 years	354	186	61	107	164	76	42	46
55 to 59 years	555	306	105	144	245	103	61	81
60 to 64 years	672	385	99	188	297	128	63	106
65 to 69 years	495	324	55	116	179	92	30	57
70 years and over	699	478	74	147	203	104	35	64
Average age	53.0	56.1	51.1	49.0	51.1	53.7	51.0	48.5
Operators by sex:								
Male	4 210	2 140	693	1 377	1 823	701	381	741
Female	660	409	75	176	226	108	44	74
Operators of Spanish origin (see text)	110	42	22	46	38	11	11	16
FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) — farms	4 035	2 185	614	1 236	1 506	614	309	583
acres	429 021	202 381	130 960	95 680	372 486	178 491	117 979	76 016
Partnership — farms	404	210	66	128	221	101	39	81
acres	169 792	19 316	124 853	25 623	159 240	16 841	122 665	19 734
Corporation:								
Family held — farms	282	103	65	114	216	64	58	94
acres	542 953	42 640	388 133	112 180	539 955	40 767	387 919	111 269
More than 10 stockholders — farms	5	3	2	-	5	3	2	-
10 or less stockholders — farms	277	100	63	114	211	61	56	94
Other than family held — farms	88	21	14	53	72	16	12	44
acres	356 096	63 416	224 707	67 973	349 764	63 300	(D)	(D)
More than 10 stockholders — farms	17	4	6	7	17	4	6	7
10 or less stockholders — farms	71	17	8	46	55	12	6	37
Other—cooperative, estate or trust, institutional, etc. — farms	61	30	9	22	34	14	7	13
acres	223 659	16 404	205 457	1 798	213 510	7 419	(D)	(D)

See footnotes at end of table.

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

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

Item	All farms				Farms with sales of $10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
FARMS BY SIZE								
1 to 9 acres	2 855	1 757	219	879	976	490	98	388
10 to 49 acres	1 401	622	335	444	734	248	188	298
50 to 69 acres	120	43	40	37	53	16	14	23
70 to 99 acres	102	32	37	33	45	7	23	15
100 to 139 acres	81	21	26	34	35	6	11	18
140 to 179 acres	38	14	12	12	18	4	8	6
180 to 219 acres	39	9	12	18	19	6	9	4
220 to 259 acres	13	1	8	4	7	-	4	3
260 to 499 acres	76	18	16	42	36	6	11	19
500 to 999 acres	31	9	10	12	21	6	7	8
1,000 to 1,999 acres	36	9	14	13	30	7	13	10
2,000 acres or more	78	14	39	25	75	13	39	23
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	-	-	-	-	-	-	-	-
Field crops, except cash grains (013)	398	118	85	195	244	50	66	128
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	398	118	85	195	244	50	66	128
Vegetables and melons (016)	551	253	99	199	333	129	81	123
Fruits and tree nuts (017)	1 713	865	245	603	625	217	121	287
Horticultural specialties (018)	1 011	679	93	239	500	270	69	161
General farms, primarily crop (019)	23	12	5	6	13	4	4	5
Livestock, except dairy, poultry, and animal specialties (021)	977	507	219	251	257	98	74	85
Beef cattle, except feedlots (0212)	662	318	180	164	144	37	60	47
Dairy farms (024)	22	6	5	11	21	6	4	11
Poultry and eggs (025)	44	34	3	7	29	22	3	4
Animal specialties (027)	99	55	10	34	26	12	3	11
General farms, primarily livestock and animal specialties (029)	32	20	4	8	1	1	-	-
LIVESTOCK								
Cattle and calves inventory — farms	1 003	510	258	235	259	84	95	80
— number	211 045	29 847	117 601	63 597	193 062	22 849	112 082	58 131
Farms with—								
1 to 9	344	236	57	51	47	27	10	10
10 to 49	386	206	97	83	39	16	12	11
50 to 99	102	29	36	37	33	11	14	8
100 to 199	70	19	21	30	43	11	14	18
200 to 499	40	11	18	11	36	10	16	10
500 or more	61	9	29	23	61	9	29	23
Cows and heifers that had calved — farms	769	354	221	194	218	63	86	69
— number	95 263	13 277	55 267	26 719	87 862	10 564	52 970	24 328
Beef cows — farms	724	334	215	175	198	58	83	57
— number	83 427	10 305	53 070	20 052	76 126	7 637	50 797	17 692
Farms with—								
1 to 9	321	206	70	45	34	19	8	7
10 to 49	267	96	87	84	53	15	24	14
50 to 99	54	18	17	19	34	11	12	11
100 to 199	26	4	10	12	24	4	10	10
200 to 499	23	7	12	4	20	6	10	4
500 or more	33	3	19	11	33	3	19	11
Milk cows — farms	73	28	16	29	27	6	6	15
— number	11 836	2 972	2 197	6 667	11 736	2 927	2 173	6 636
Farms with—								
1 to 4	49	21	12	16	5	-	2	3
5 to 9	4	2	-	2	2	1	-	1
10 to 49	-	-	-	-	-	-	-	-
50 to 99	2	-	-	2	2	-	-	2
100 to 199	2	1	-	1	2	1	-	1
200 to 499	8	3	2	3	8	3	2	3
500 or more	8	1	2	5	8	1	2	5
Heifers and heifer calves — farms	753	358	216	179	214	62	83	69
— number	61 394	9 989	32 706	18 699	55 989	7 883	31 152	16 954
Steers, steer calves, bulls, and bull calves — farms	865	428	234	203	223	68	84	71
— number	54 388	6 581	29 628	18 179	49 211	4 402	27 960	16 849
Cattle and calves sold — farms	807	385	227	195	225	66	88	71
— number	101 315	11 240	46 338	43 737	96 239	8 950	45 001	42 288
— $1,000	43 881	4 189	18 969	20 723	42 425	3 599	18 547	20 280
Calves — farms	391	196	109	86	111	34	44	33
— number	16 199	2 567	7 494	6 138	13 998	1 609	6 914	5 475
— $1,000	3 654	560	1 823	1 271	3 161	379	1 665	1 117
Cattle — farms	609	278	179	152	198	56	76	66
— number	85 116	8 673	38 844	37 599	82 241	7 341	38 087	36 813
— $1,000	40 226	3 629	17 145	19 452	39 264	3 220	16 881	19 163
Fattened on grain and concentrates — farms	87	44	28	15	23	6	9	8
— number	42 295	239	14 449	27 607	42 031	133	14 378	27 520
— $1,000	24 594	159	8 205	16 231	24 485	112	8 178	16 195

See footnotes at end of table.

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

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

Item	All farms				Farms with sales of $10,000 or more			
	Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
LIVESTOCK—Con.								
Hogs and pigs inventory ..... farms	372	229	46	97	136	77	20	39
..... number	47 564	32 099	4 140	11 325	42 784	28 839	3 954	9 991
Farms with—								
1 to 24	198	116	36	46	27	12	11	4
25 to 49	50	34	2	14	11	1	2	8
50 to 99	39	23	2	14	21	14	1	6
100 to 199	33	21	1	11	25	15	1	9
200 to 499	31	20	3	8	31	20	3	8
500 or more	21	15	2	4	21	15	2	4
Used or to be used for breeding ..... farms	255	162	20	73	111	68	12	31
..... number	6 696	4 003	939	1 754	5 786	3 367	894	1 525
Other ..... farms	349	217	42	90	131	77	18	36
..... number	40 868	28 096	3 201	9 571	36 998	25 472	3 060	8 466
Hogs and pigs sold ..... farms	307	190	34	83	127	74	16	37
..... number	69 019	43 782	10 308	14 929	64 618	40 596	10 060	13 962
..... $1,000	10 371	6 723	1 502	2 146	9 909	6 394	1 475	2 040
Feeder pigs ..... farms	60	33	7	20	15	6	5	4
..... number	3 267	1 594	929	744	1 952	742	(D)	(D)
..... $1,000	199	70	86	43	143	33	(D)	(D)
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ..... farms	261	165	22	74	114	69	13	32
..... number	9 601	5 849	1 430	2 322	8 643	5 105	1 390	2 148
Dec. 1 and May 31 ..... farms	245	155	21	69	111	66	13	32
..... number	4 931	2 945	697	1 289	4 437	2 573	674	1 190
June 1 and Nov. 30 ..... farms	220	140	16	64	107	66	11	30
..... number	4 670	2 904	733	1 033	4 206	2 532	716	958
Sheep and lambs of all ages inventory ..... farms	42	21	15	6	11	5	4	2
..... number	21 908	(D)	(D)	(D)	21 353	(D)	(D)	(D)
Ewes 1 year old or older ..... farms	33	16	14	3	8	3	4	1
..... number	10 983	(D)	(D)	147	10 779	(D)	(D)	(D)
Sheep and lambs sold ..... farms	26	12	11	3	10	4	4	2
..... number	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Sheep and lambs shorn ..... farms	15	6	9	-	5	2	3	-
..... number	3 196	1 453	1 743	-	3 108	(D)	(D)	-
..... pounds of wool	39 997	28 357	11 640	-	39 370	(D)	(D)	-
Horses and ponies inventory ..... farms	537	222	160	155	168	46	65	57
..... number	3 551	845	1 605	1 101	1 957	(D)	1 133	(D)
Horses and ponies sold ..... farms	63	23	21	19	28	7	14	7
..... number	236	57	142	37	169	21	132	16
Goats inventory ..... farms	74	38	19	17	15	4	5	6
..... number	938	288	318	332	453	52	146	255
Goats sold ..... farms	34	16	9	9	8	2	2	4
..... number	436	103	102	231	263	(D)	(D)	208
POULTRY								
Chickens 3 months old or older inventory ..... farms	181	102	32	47	56	23	14	19
..... number	(D)	648 220	166 638	(D)	(D)	645 536	166 388	(D)
Farms with—								
1 to 399	159	87	29	43	36	10	11	15
400 to 3,199	8	7	-	1	6	5	-	1
3,200 to 9,999	-	-	-	-	-	-	-	-
10,000 to 19,999	2	2	-	-	2	2	-	-
20,000 to 49,999	5	2	2	1	5	2	2	1
50,000 to 99,999	4	2	1	1	4	2	1	1
100,000 or more	3	2	-	1	3	2	-	1
Hens and pullets of laying age ..... farms	177	100	30	47	53	22	12	19
..... number	(D)	592 438	135 565	(D)	(D)	590 002	(D)	(D)
Pullets 3 months old or older not of laying age ..... farms	53	30	8	15	18	8	7	3
..... number	118 012	55 782	31 073	31 157	117 624	55 534	(D)	(D)
Hens and pullets sold ..... farms	31	18	3	10	19	10	3	6
..... number	824 182	658 833	52 200	113 149	823 623	658 560	52 200	112 863
Broilers and other meat-type chickens sold ..... farms	12	8	2	2	8	5	2	1
..... number	2 069 316	1 957 789	(D)	(D)	2 069 219	1 957 712	(D)	(D)
Farms with—								
1 to 1,999	6	3	1	2	2	-	1	1
2,000 to 59,999	-	-	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-	-	-
100,000 or more	6	5	1	-	6	5	1	-
Turkey hens kept for breeding ..... farms	4	2	2	-	-	-	-	-
..... number	10	(D)	(D)	-	-	-	-	-
Turkeys sold ..... farms	-	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-	-

See footnotes at end of table.

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

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

Item		All farms				Farms with sales of $10,000 or more			
		Total	Full owners	Part owners	Tenants	Total	Full owners	Part owners	Tenants
CROPS HARVESTED									
Sugarcane for sugar	farms	79	17	29	33	62	9	28	25
	acres	79 234	124	76 288	2 822	79 140	(D)	(D)	2 787
	tons	7 934 181	6 023	7 631 708	296 450	7 929 989	(D)	(D)	293 532
Irrigated	farms	17	1	12	4	17	1	12	4
	acres	49 121	(D)	46 788	(D)	49 121	(D)	46 788	(D)
Pineapples harvested	farms	18	7	7	4	12	4	6	2
	acres	22 262	17 603	3 698	961	22 254	17 600	(D)	(D)
	tons	683 182	553 191	102 757	27 234	683 086	553 136	(D)	(D)
Irrigated	farms	9	4	3	2	8	3	3	2
	acres	19 674	16 613	(D)	(D)	(D)	(D)	(D)	(D)
Vegetables harvested for sale (see text)	farms	710	324	128	258	428	165	100	163
	acres	5 587	1 376	2 536	1 675	5 165	1 138	2 503	1 524
Irrigated	farms	552	240	102	210	342	128	85	129
	acres	5 045	1 101	2 463	1 481	4 732	937	2 439	1 356
Farms by acres harvested:									
0.1 to 4.9 acres		499	247	63	189	229	97	36	96
5.0 to 24.9 acres		156	63	35	58	144	54	34	56
25.0 to 99.9 acres		50	14	26	10	50	14	26	10
100.0 to 249.9 acres		3	-	3	-	3	-	3	-
250.0 acres or more		2	-	1	1	2	-	1	1
Land in orchards	farms	2 128	1 092	330	706	796	281	173	342
	acres	33 564	10 408	14 209	8 947	27 525	7 393	13 257	6 875
Irrigated	farms	576	298	90	188	214	74	54	86
	acres	6 704	1 399	4 169	1 136	5 694	877	4 029	789
Farms by bearing and nonbearing acres:									
0.1 to 4.9 acres		1 217	758	130	329	256	120	48	88
5.0 to 24.9 acres		821	304	176	341	467	139	104	224
25.0 to 99.9 acres		69	21	19	29	55	15	16	24
100.0 to 249.9 acres		6	4	-	2	4	2	-	2
250.0 acres or more		15	5	5	5	14	5	5	4

[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 Type of Organization: 1987**

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

Item	Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.
				Total	Family held		Other than family held		
					Total	10 or less stockholders	Total	10 or less stockholders	
FARMS AND LAND IN FARMS									
Farms ..... number	4 870	4 035	404	370	282	277	88	71	61
percent	100.0	82.9	8.3	7.6	5.8	5.7	1.8	1.5	1.3
Land in farms ..... acres	1 721 521	429 021	169 792	899 049	542 953	505 521	356 096	168 816	223 659
Average size of farm ..... acres	353	106	420	2 430	1 925	1 825	4 047	2 378	3 667
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text) ..... farms	4 870	4 035	404	370	282	277	88	71	61
$1,000	609 740	81 096	25 718	493 300	229 457	227 259	263 843	126 380	9 627
Average per farm ..... dollars	125 203	20 098	63 658	1 333 243	813 677	820 430	2 998 215	1 780 002	157 815
Farms by value of sales:									
Less than $1,000 (see text)	650	574	45	22	17	17	5	5	9
$1,000 to $2,499	752	666	59	20	15	15	5	5	7
$2,500 to $4,999	674	616	34	20	19	19	1	1	4
$5,000 to $9,999	745	673	45	20	15	15	5	5	7
$10,000 to $19,999	685	594	55	23	19	18	4	3	13
$20,000 to $24,999	226	193	18	11	8	8	3	3	4
$25,000 to $39,999	358	287	44	23	20	20	3	3	4
$40,000 to $49,999	118	91	10	15	13	13	2	2	2
$50,000 to $99,999	287	203	40	39	29	29	10	9	5
$100,000 to $249,999	195	99	30	63	50	49	13	11	3
$250,000 to $499,999	83	30	15	36	25	24	11	10	2
$500,000 to $999,999	36	7	5	24	22	20	2	2	-
$1,000,000 or more	61	2	4	54	30	30	24	12	1
Grains ..... farms	-	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-	-
Corn for grain ..... farms	-	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-	-
Wheat ..... farms	-	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-	-
Soybeans ..... farms	-	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-	-
Sorghum for grain ..... farms	-	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-	-
Barley ..... farms	-	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-	-
Oats ..... farms	-	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-	-
Other grains ..... farms	-	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-	-
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	7	3	3	1	1	1	-	-	-
$1,000	630	24	(D)	(D)	(D)	(D)	-	-	-
Sales of $50,000 or more ..... farms	1	-	1	-	-	-	-	-	-
$1,000	(D)	-	(D)	-	-	-	-	-	-
Vegetables, sweet corn, and melons ..... farms	708	596	60	38	31	31	7	5	14
$1,000	25 790	17 457	2 992	5 071	(D)	(D)	(D)	(D)	270
Sales of $50,000 or more ..... farms	114	80	18	15	15	15	-	-	1
$1,000	19 352	12 175	(D)	4 675	4 675	4 675	-	-	(D)
Fruits, nuts, and berries ..... farms	1 747	1 534	115	80	58	58	22	15	18
$1,000	157 332	19 016	2 484	135 209	14 279	14 279	120 930	51 229	622
Sales of $50,000 or more ..... farms	95	59	7	26	13	13	13	6	3
$1,000	141 644	5 472	1 247	134 443	13 606	13 606	120 837	51 136	482
Nursery and greenhouse crops ..... farms	1 139	884	103	141	110	108	31	29	11
$1,000	56 527	19 481	7 139	29 826	21 365	(D)	8 461	(D)	81
Sales of $50,000 or more ..... farms	224	95	35	94	71	69	23	21	-
$1,000	47 869	12 402	6 396	29 072	20 745	(D)	8 327	(D)	-
Other crops ..... farms	497	414	41	33	22	22	11	4	9
$1,000	258 037	7 841	1 233	248 647	143 413	143 413	105 234	43 333	316
Sales of $50,000 or more ..... farms	66	33	9	23	14	14	9	3	1
$1,000	253 056	3 504	(D)	248 504	(D)	(D)	(D)	(D)	(D)
Poultry and poultry products ..... farms	99	70	11	14	13	13	1	1	4
$1,000	21 009	2 665	3 253	15 066	(D)	(D)	(D)	(D)	25
Sales of $50,000 or more ..... farms	23	6	4	13	13	13	-	-	-
$1,000	20 835	(D)	3 232	(D)	(D)	(D)	-	-	-
Dairy products ..... farms	23	8	2	12	9	9	3	1	1
$1,000	31 299	3 806	(D)	26 646	16 287	16 287	10 359	(D)	(D)
Sales of $50,000 or more ..... farms	20	6	1	12	9	9	3	1	1
$1,000	31 266	(D)	(D)	26 646	16 287	16 287	10 359	(D)	(D)
Cattle and calves ..... farms	807	656	65	66	46	43	20	17	20
$1,000	43 881	5 618	4 416	25 893	8 880	7 740	17 013	16 682	7 954
Sales of $50,000 or more ..... farms	74	20	12	37	25	22	12	11	5
$1,000	40 341	2 878	4 116	25 505	8 629	7 490	16 876	(D)	7 842

See footnotes at end of table.

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

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

Item	Total	Individual or family	Partnership	Corporation: Total	Corporation: Family held: Total	Corporation: Family held: 10 or less stockholders	Corporation: Other than family held: Total	Corporation: Other than family held: 10 or less stockholders	Other—cooperative, estate or trust, institutional, etc.
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.									
Total sales (see text)—Con.									
Hogs and pigs ..... farms	307	262	27	11	8	8	3	2	7
$1,000	10 371	4 526	2 818	2 867	2 106	2 106	761	(D)	159
Sales of $50,000 or more ..... farms	45	29	9	6	4	4	2	1	1
$1,000	8 359	2 938	(D)	2 822	(D)	(D)	(D)	(D)	(D)
Sheep, lambs, and wool ..... farms	27	20	1	3	2	2	1	1	3
$1,000	105	36	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Sales of $50,000 or more ..... farms	1	-	-	1	1	1	-	-	-
$1,000	(D)	-	-	(D)	(D)	(D)	-	-	-
Other livestock and livestock products (see text) ..... farms	148	102	17	26	17	15	9	8	3
$1,000	4 759	626	100	3 986	3 014	(D)	971	(D)	47
Sales of $50,000 or more ..... farms	10	4	-	6	3	3	3	3	-
$1,000	4 097	264	-	3 833	2 904	2 904	929	929	-
FARM PRODUCTION EXPENSES[1]									
Total farm production expenses ..... farms	4 868	4 034	404	370	282	277	88	71	60
$1,000	495 759	58 813	20 737	405 845	176 997	174 831	228 848	117 120	10 364
Average per farm ..... dollars	101 840	14 579	51 330	1 096 878	627 647	631 159	2 600 547	1 649 575	172 728
Livestock and poultry purchased ..... farms	589	461	55	60	44	41	16	13	13
$1,000	15 230	2 167	1 833	11 133	3 241	2 846	7 892	7 739	97
Farms with expenses of—									
$1 to $4,999	444	388	35	11	8	8	3	2	10
$5,000 to $24,999	84	55	11	16	14	14	2	2	2
$25,000 to $99,999	40	16	5	18	9	7	9	7	1
$100,000 or more	21	2	4	15	13	12	2	2	-
Feed for livestock and poultry ..... farms	945	752	91	86	60	56	26	22	16
$1,000	42 629	6 322	3 437	29 655	19 693	19 275	9 962	6 589	3 215
Farms with expenses of—									
$1 to $4,999	744	649	59	28	19	18	9	9	8
$5,000 to $24,999	97	62	18	13	7	7	6	5	4
$25,000 to $99,999	44	28	6	8	3	2	5	5	2
$100,000 or more	60	13	8	37	31	29	6	3	2
Commercially mixed formula feeds ..... farms	358	254	47	47	35	34	12	9	10
$1,000	19 012	3 143	2 269	13 472	11 674	(D)	1 798	446	128
Farms with expenses of—									
$1 to $4,999	256	215	27	9	7	6	2	2	5
$5,000 to $24,999	37	16	10	8	4	4	4	4	3
$25,000 to $79,999	21	13	4	2	1	1	1	1	2
$80,000 or more	44	10	6	28	23	23	5	2	-
Seeds, bulbs, plants, and trees ..... farms	1 484	1 219	124	118	87	86	31	26	23
$1,000	12 316	2 045	336	9 911	7 743	(D)	2 168	2 139	24
Farms with expenses of—									
$1 to $999	1 077	928	91	41	30	30	11	10	17
$1,000 to $4,999	289	230	22	33	25	25	8	6	4
$5,000 to $24,999	83	52	8	21	16	16	5	3	2
$25,000 or more	35	9	3	23	16	15	7	7	-
Commercial fertilizer ..... farms	3 524	2 911	295	271	207	204	64	50	47
$1,000	30 717	4 479	794	25 310	11 586	11 566	13 724	5 365	134
Farms with expenses of—									
$1 to $4,999	3 200	2 723	256	183	147	145	36	35	38
$5,000 to $24,999	263	173	34	47	40	39	7	5	9
$25,000 to $49,999	25	10	4	11	9	9	2	1	-
$50,000 or more	36	5	1	30	11	11	19	9	-
Agricultural chemicals ..... farms	3 881	3 224	319	292	223	220	69	53	46
$1,000	18 233	3 473	711	13 928	6 323	6 296	7 605	3 021	121
Farms with expenses of—									
$1 to $4,999	3 634	3 096	286	213	172	171	41	36	39
$5,000 to $24,999	205	121	30	47	37	35	10	9	7
$25,000 to $49,999	13	5	2	6	4	4	2	2	-
$50,000 or more	29	2	1	26	10	10	16	6	-
Petroleum products ..... farms	4 503	3 717	381	349	267	262	82	65	56
$1,000	17 197	3 437	730	12 788	5 975	5 932	6 813	2 655	243
Farms with expenses of—									
$1 to $4,999	4 242	3 627	348	225	184	182	41	39	42
$5,000 to $24,999	218	86	31	88	71	68	17	14	13
$25,000 to $49,999	17	4	1	12	5	5	7	5	-
$50,000 or more	26	-	1	24	7	7	17	7	1
Gasoline and gasohol ..... farms	4 151	3 431	345	325	249	244	76	61	50
$1,000	6 379	2 482	453	3 298	1 468	1 441	1 829	647	147
Diesel fuel ..... farms	1 468	1 090	164	182	131	127	51	37	32
$1,000	8 560	648	204	7 637	3 665	3 652	3 972	1 677	71
Natural gas ..... farms	-	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-	-
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms	2 782	2 192	254	289	218	213	71	55	47
$1,000	2 258	307	73	1 853	842	840	1 011	330	25

See footnotes at end of table.

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

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

Item	Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.
				Total	Family held		Other than family held		
					Total	10 or less stockholders	Total	10 or less stockholders	
FARM PRODUCTION EXPENSES[1] —Con.									
Total farm production expenses—Con.									
Electricity ..... farms..	1 868	1 395	185	260	193	188	67	51	28
$1,000..	5 611	824	270	4 316	2 186	2 167	2 131	1 100	201
Farms with expenses of—									
$1 to $999	1 436	1 196	129	98	76	75	22	21	13
$1,000 to $4,999	316	182	44	81	64	62	17	14	9
$5,000 to $24,999	79	16	11	48	38	36	10	8	4
$25,000 or more	37	1	1	33	15	15	18	8	2
Hired farm labor ..... farms..	1 224	789	137	272	200	196	72	55	26
$1,000..	193 230	10 243	4 578	174 589	71 903	71 427	102 686	42 513	3 819
Farms with expenses of—									
$1 to $4,999	550	456	51	39	34	34	5	5	4
$5,000 to $24,999	311	219	45	43	33	32	10	10	4
$25,000 to $99,999	234	105	25	93	73	72	20	17	11
$100,000 or more	129	9	16	97	60	58	37	23	7
Contract labor ..... farms..	768	568	102	90	65	64	25	22	8
$1,000..	5 885	2 334	685	2 693	1 588	(D)	1 105	614	173
Farms with expenses of—									
$1 to $999	223	184	23	15	9	9	6	6	1
$1,000 to $4,999	334	254	45	31	25	24	6	5	4
$5,000 to $24,999	178	119	27	30	24	24	6	6	2
$25,000 or more	33	11	7	14	7	7	7	5	1
Repair and maintenance ..... farms..	3 612	2 938	308	322	243	239	79	62	44
$1,000..	25 557	3 540	734	20 606	8 135	8 038	12 471	8 068	677
Farms with expenses of—									
$1 to $4,999	3 300	2 804	275	191	152	151	39	36	30
$5,000 to $24,999	245	130	28	75	62	61	13	11	12
$25,000 to $49,999	28	4	5	18	11	10	7	5	1
$50,000 or more	39	-	-	38	18	17	20	10	1
Customwork, machine hire, and rental of machinery and equipment ..... farms..	698	519	84	86	56	54	30	23	9
$1,000..	8 175	710	169	7 036	3 200	(D)	3 837	3 055	259
Farms with expenses of—									
$1 to $999	434	350	49	30	22	21	8	8	5
$1,000 to $4,999	191	143	26	20	14	13	6	6	2
$5,000 to $24,999	49	23	8	17	11	11	6	2	1
$25,000 or more	24	3	1	19	9	9	10	7	1
Interest expense ..... farms..	1 285	959	143	172	134	132	38	30	11
$1,000..	22 930	4 903	1 789	16 132	7 514	(D)	8 618	8 082	106
Farms with expenses of—									
$1 to $4,999	847	697	79	64	55	55	9	9	7
$5,000 to $24,999	324	228	42	51	42	41	9	6	3
$25,000 to $99,999	97	34	20	42	29	28	13	8	1
$100,000 or more	17	-	2	15	8	8	7	7	-
Secured by real estate ..... farms..	721	539	89	84	69	67	15	9	9
$1,000..	15 097	3 366	1 442	10 187	5 745	(D)	4 442	4 056	103
Farms with expenses of—									
$1 to $999	119	95	16	6	6	6	-	-	2
$1,000 to $4,999	284	244	21	16	16	16	-	-	3
$5,000 to $24,999	238	176	33	26	22	21	4	3	3
$25,000 or more	80	24	19	36	25	24	11	6	1
Not secured by real estate ..... farms..	726	532	75	115	83	82	32	24	4
$1,000..	7 833	1 537	348	5 945	1 769	(D)	4 177	4 027	3
Farms with expenses of—									
$1 to $999	286	238	22	23	18	18	5	4	3
$1,000 to $4,999	293	225	34	33	28	28	5	5	1
$5,000 to $24,999	117	61	18	38	26	25	12	5	-
$25,000 or more	30	8	1	21	11	11	10	10	-
Cash rent ..... farms..	1 668	1 304	145	198	141	139	57	44	21
$1,000..	15 910	2 457	1 059	12 311	3 626	(D)	8 685	4 481	84
Farms with expenses of—									
$1 to $4,999	1 438	1 200	121	101	74	74	27	26	16
$5,000 to $9,999	96	67	11	16	14	13	2	2	2
$10,000 to $24,999	67	27	5	32	25	24	7	6	3
$25,000 or more	67	10	8	49	28	28	21	10	-
Property taxes ..... farms..	3 926	3 279	318	286	223	218	63	49	43
$1,000..	5 142	1 800	401	2 743	1 415	1 306	1 328	667	198
Farms with expenses of—									
$1 to $4,999	3 827	3 251	307	227	188	185	39	35	42
$5,000 to $9,999	43	22	4	17	13	13	4	3	-
$10,000 to $24,999	27	4	3	20	13	12	7	7	-
$25,000 or more	29	2	4	22	9	8	13	4	1
All other farm production expenses ..... farms..	4 428	3 641	375	360	273	268	87	71	52
$1,000..	76 996	10 078	3 210	62 695	22 870	22 651	39 825	21 033	1 013
Farms with expenses of—									
$1 to $4,999	3 801	3 309	285	165	127	126	38	36	42
$5,000 to $24,999	407	262	61	77	67	65	10	9	7
$25,000 to $49,999	87	39	17	30	21	20	9	8	1
$50,000 or more	133	31	12	88	58	57	30	18	2

See footnotes at end of table.

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

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

Item	Total	Individual or family	Partnership	Corporation: Total	Corporation: Family held: Total	Corporation: Family held: 10 or less stockholders	Corporation: Other than family held: Total	Corporation: Other than family held: 10 or less stockholders	Other—cooperative, estate or trust, institutional, etc.
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT[1]									
All farms ..... number	4 869	4 034	404	370	282	277	88	71	61
$1,000	113 904	22 205	4 981	87 455	52 460	52 428	34 995	9 260	-737
Average per farm ..... dollars	23 394	5 505	12 328	236 365	186 030	189 271	397 668	130 428	-12 082
Farms with net gains[2] ..... number	3 132	2 627	250	226	178	176	48	36	29
Average net gain ..... dollars	43 761	11 458	32 660	430 412	319 839	(D)	840 451	354 966	52 480
Gain of—									
Less than $1,000	484	440	24	13	12	12	1	1	7
$1,000 to $9,999	1 549	1 398	93	45	41	41	4	4	13
$10,000 to $49,999	848	689	90	65	50	50	15	13	4
$50,000 or more	251	100	43	103	75	73	28	18	5
Farms with net losses ..... number	1 737	1 407	154	144	104	101	40	35	32
Average net loss ..... dollars	13 331	5 611	20 678	68 180	42 990	41 557	133 672	100 527	70 591
Loss of—									
Less than $1,000	426	394	14	15	13	13	2	2	3
$1,000 to $9,999	990	838	94	50	40	39	10	10	8
$10,000 to $49,999	235	150	35	39	28	28	11	10	11
$50,000 or more	86	25	11	40	23	21	17	13	10
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME									
Government payments ..... farms	62	41	8	10	5	4	5	4	3
$1,000	1 768	102	14	1 638	614	(D)	1 024	(D)	14
Other farm-related income[1] ..... farms	530	431	47	50	39	38	11	7	2
$1,000	3 730	1 730	(D)	1 763	651	(D)	1 112	727	(D)
Customwork and other agricultural services ..... farms	239	200	18	21	18	18	3	3	-
$1,000	1 947	1 084	114	750	(D)	(D)	(D)	(D)	-
Gross cash rent or share payments ..... farms	124	89	11	24	16	15	8	4	-
$1,000	1 301	307	70	924	381	(D)	543	222	-
Forest products and Christmas trees ..... farms	36	32	2	2	2	2	-	-	-
$1,000	152	131	(D)	(D)	(D)	(D)	-	-	-
Other farm-related income sources ..... farms	156	127	19	8	6	6	2	1	2
$1,000	330	209	42	(D)	(D)	(D)	(D)	(D)	(D)
COMMODITY CREDIT CORPORATION LOANS									
Total ..... farms	6	4	-	2	-	-	2	2	-
$1,000	394	(D)	-	(D)	-	-	(D)	(D)	-
Corn ..... farms	-	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-	-
Wheat ..... farms	-	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-	-
Soybeans ..... farms	-	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-	-
Sorghum, barley, and oats ..... farms	-	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-	-
Cotton ..... farms	-	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey ..... farms	6	4	-	2	-	-	2	2	-
$1,000	394	(D)	-	(D)	-	-	(D)	(D)	-
LAND IN FARMS ACCORDING TO USE									
Total cropland ..... farms	4 170	3 475	344	301	232	230	69	55	50
acres	327 396	43 158	17 084	264 211	(D)	(D)	(D)	63 806	2 943
Harvested cropland ..... farms	3 837	3 189	318	286	222	220	64	50	44
acres	152 719	17 085	7 965	127 162	54 241	(D)	72 921	30 206	507
Farms by acres harvested:									
1 to 49 acres	3 746	3 163	302	238	196	194	42	40	43
50 to 99 acres	42	22	7	12	10	10	2	1	1
100 to 199 acres	13	2	5	6	5	5	1	-	-
200 to 499 acres	7	1	-	6	4	4	2	2	-
500 to 999 acres	7	1	2	4	1	1	3	1	-
1,000 to 1,999 acres	2	-	1	1	1	1	-	-	-
2,000 acres or more	20	-	1	19	5	5	14	6	-
Cropland:									
Pasture or grazing only ..... farms	460	384	36	27	20	19	7	6	13
acres	40 504	18 053	3 345	17 532	8 056	(D)	9 476	(D)	1 574
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms	119	98	5	11	7	7	4	4	5
acres	2 639	631	9	1 975	(D)	(D)	(D)	(D)	24
On which all crops failed ..... farms	54	46	3	4	4	4	-	-	1
acres	122	104	3	(D)	(D)	(D)	-	-	(D)
In cultivated summer fallow ..... farms	56	48	4	2	1	1	1	-	2
acres	795	266	52	(D)	(D)	(D)	(D)	-	(D)
Idle ..... farms	839	631	89	97	65	64	32	22	22
acres	130 617	7 019	5 710	117 064	58 295	(D)	58 769	22 195	824
Total woodland ..... farms	216	161	21	25	14	14	11	10	9
acres	99 135	51 307	9 919	36 405	(D)	(D)	(D)	(D)	1 504
Woodland pastured ..... farms	71	51	8	7	4	4	3	3	5
acres	27 517	13 928	5 144	7 895	(D)	(D)	(D)	(D)	550
Woodland not pastured ..... farms	163	119	16	20	11	11	9	8	8
acres	71 618	37 379	4 775	28 510	13 318	13 318	15 192	(D)	954

See footnotes at end of table.

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

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

Item	Total	Individual or family	Partnership	Corporation: Total	Corporation: Family held: Total	Corporation: Family held: 10 or less stockholders	Corporation: Other than family held: Total	Corporation: Other than family held: 10 or less stockholders	Other—cooperative, estate or trust, institutional, etc.
LAND IN FARMS ACCORDING TO USE—Con.									
Pastureland and rangeland other than cropland and woodland pastured ..... farms	614	469	53	75	49	46	26	20	17
acres	977 093	314 795	101 861	345 404	287 091	254 280	58 313	(D)	215 033
Land in house lots, ponds, roads, wasteland, etc. ..... farms	2 198	1 754	191	215	162	157	53	40	38
acres	317 897	19 761	40 928	253 029	117 495	113 058	135 534	52 039	4 179
Cropland under federal acreage reduction programs:									
Annual commodity acreage adjustment programs ..... farms	-	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-	-
Conservation reserve program ..... farms	1	1	-	-	-	-	-	-	-
acres	(D)	(D)	-	-	-	-	-	-	-
Value of land and buildings[1] ..... farms	4 869	4 034	404	370	282	277	88	71	61
$1,000	2 938 125	1 083 565	457 514	1 218 082	718 458	691 404	499 624	348 160	178 964
Average per farm ..... dollars	603 435	268 608	1 132 460	3 292 114	2 547 723	2 496 043	5 677 545	4 903 662	2 933 836
Average per acre ..... dollars	1 707	2 530	2 695	1 355	1 323	1 368	1 403	2 062	800
Farms by value group:									
$1 to $39,999	1 013	918	62	27	23	23	4	4	6
$40,000 to $69,999	551	488	28	27	22	22	5	5	8
$70,000 to $99,999	386	339	31	14	13	13	1	1	2
$100,000 to $149,999	598	535	42	18	15	15	3	3	3
$150,000 to $199,999	479	412	45	17	11	11	6	6	5
$200,000 to $499,999	1 189	950	124	101	77	76	24	19	14
$500,000 to $999,999	370	265	36	59	48	47	11	10	10
$1,000,000 to $1,999,999	149	87	20	38	31	31	7	7	4
$2,000,000 to $4,999,999	62	29	4	23	18	17	5	4	6
$5,000,000 or more	72	11	12	46	24	22	22	12	3
VALUE OF MACHINERY AND EQUIPMENT[1]									
Estimated market value of all machinery and equipment ..... farms	4 836	4 005	402	368	280	275	88	71	61
$1,000	199 280	52 827	9 195	134 701	61 246	60 687	73 455	26 580	2 556
Farms by value group:									
$1 to $4,999	1 116	991	78	42	35	35	7	7	5
$5,000 to $9,999	1 601	1 427	102	55	46	46	9	9	17
$10,000 to $19,999	969	827	86	49	39	39	10	9	7
$20,000 to $49,999	788	594	87	93	71	69	22	20	14
$50,000 to $99,999	212	126	33	40	31	30	9	8	13
$100,000 to $199,999	87	31	11	42	32	31	10	9	3
$200,000 to $499,999	37	9	5	21	16	15	5	2	2
$500,000 or more	26	-	-	26	10	10	16	7	-
SELECTED MACHINERY AND EQUIPMENT[1]									
Motortrucks, including pickups ..... farms	4 222	3 479	350	336	256	251	80	63	57
number	9 270	4 955	622	3 488	1 526	1 498	1 962	938	205
Wheel tractors ..... farms	2 336	1 842	212	240	172	167	68	53	42
number	4 506	2 837	410	1 159	584	572	575	217	100
Less than 40 horsepower (PTO) ..... farms	1 797	1 433	163	168	127	126	41	36	33
number	2 550	1 887	248	361	257	(D)	104	53	54
40 horsepower (PTO) or more ..... farms	932	673	93	140	94	90	46	31	26
number	1 956	950	162	798	327	(D)	471	164	46
Grain and bean combines ..... farms	-	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-	-
Cottonpickers and strippers ..... farms	-	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-	-
Mower conditioners ..... farms	-	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-	-
Pickup balers ..... farms	5	1	2	2	2	2	-	-	-
number	8	(D)	(D)	(D)	(D)	(D)	-	-	-
AGRICULTURAL CHEMICALS[1]									
Commercial fertilizer ..... farms	3 522	2 910	295	270	207	204	63	49	47
acres on which used	225 457	18 752	5 580	199 688	90 929	90 870	108 759	41 660	1 437
Lime ..... farms	825	672	83	63	49	49	14	13	7
acres on which used	21 544	3 947	885	16 687	7 351	7 351	9 336	(D)	25
tons	23 220	4 128	656	18 417	7 674	7 674	10 743	(D)	19
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops ..... farms	2 008	1 606	184	191	140	138	51	39	27
acres on which used	68 150	7 237	1 602	59 051	5 939	(D)	53 112	12 459	260
Nematodes in crops ..... farms	663	509	69	75	60	59	15	10	10
acres on which used	15 792	2 174	436	13 142	737	(D)	12 405	3 035	40
Diseases in crops and orchards ..... farms	1 151	915	96	123	95	94	28	24	17
acres on which used	(D)	4 660	589	11 942	1 802	(D)	10 140	8 358	(D)
Weeds, grass, or brush in crops and pasture ..... farms	2 887	2 369	242	232	173	171	59	44	44
acres on which used	235 871	18 650	10 101	206 157	101 436	(D)	104 721	41 330	963
Chemicals for defoliation or for growth control of crops or thinning of fruit ..... farms	212	167	15	28	14	13	14	8	2
acres on which used	57 481	685	(D)	56 703	23 221	(D)	33 482	17 641	(D)

See footnotes at end of table.

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

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

Item	Total	Individual or family	Partnership	Corporation: Total	Corporation: Family held: Total	Corporation: Family held: 10 or less stockholders	Corporation: Other than family held: Total	Corporation: Other than family held: 10 or less stockholders	Other—cooperative, estate or trust, institutional, etc.
TENURE AND RACE OF OPERATOR									
All operators	4 870	4 035	404	370	282	277	88	71	61
Full owners	2 549	2 185	210	124	103	100	21	17	30
Part owners	768	614	66	79	65	63	14	8	9
Tenants	1 553	1 236	128	167	114	114	53	46	22
White	1 713	1 343	184	165	113	110	52	43	21
Full owners	945	802	89	44	33	31	11	10	10
Part owners	304	218	38	48	36	35	12	8	-
Tenants	464	323	57	73	44	44	29	25	11
Black and other races	3 157	2 692	220	205	169	167	36	28	40
Full owners	1 604	1 383	121	80	70	69	10	7	20
Part owners	464	396	28	31	29	28	2	-	9
Tenants	1 089	913	71	94	70	70	24	21	11
OWNED AND RENTED LAND									
Land owned — farms	3 333	2 813	277	204	169	164	35	25	39
acres	886 170	219 588	(D)	449 135	261 096	224 244	188 039	65 386	(D)
Owned land in farms — farms	3 317	2 799	276	203	168	163	35	25	39
acres	848 906	215 850	59 686	417 336	256 455	(D)	160 881	51 445	156 034
Land rented or leased from others — farms	2 331	1 855	194	251	182	179	69	56	31
acres	904 484	217 158	110 220	509 481	306 998	302 224	202 483	122 570	67 625
Rented or leased land in farms — farms	2 321	1 850	194	246	179	177	67	54	31
acres	872 615	213 171	110 106	481 713	286 498	(D)	195 215	117 371	67 625
Land rented or leased to others — farms	250	184	22	43	27	24	16	10	1
acres	69 133	7 725	(D)	59 567	25 141	20 947	34 426	19 140	(D)
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated	2 750	2 351	200	175	139	138	36	26	24
Not on farm operated	1 713	1 318	184	179	132	128	47	42	32
Not reported	407	366	20	16	11	11	5	3	5
Operators by principal occupation:									
Farming	2 816	2 256	244	280	212	208	68	53	36
Other	2 054	1 779	160	90	70	69	20	18	25
Operators by days of work off farm:									
None	1 723	1 341	152	206	158	156	48	34	24
Any	2 728	2 321	229	146	108	105	38	35	32
1 to 99 days	624	522	50	45	34	33	11	8	7
100 to 199 days	628	554	38	30	19	19	11	11	6
200 days or more	1 476	1 245	141	71	55	53	16	16	19
Not reported	419	373	23	18	16	16	2	2	5
Operators by years on present farm:									
2 years or less	491	376	52	51	32	32	19	15	12
3 or 4 years	580	472	61	42	27	27	15	13	5
5 to 9 years	1 042	848	104	80	61	60	19	15	10
10 years or more	1 907	1 608	129	152	130	126	22	20	18
Average years on present farm	13.3	13.7	10.9	11.7	13.1	13.0	7.0	7.4	12.7
Not reported	850	731	58	45	32	32	13	8	16
Operators by age group:									
Under 25 years	28	20	5	2	2	2	-	-	1
25 to 34 years	505	411	51	37	27	26	10	8	6
35 to 44 years	1 151	913	113	111	83	81	28	24	14
45 to 49 years	411	331	42	31	22	21	9	7	7
50 to 54 years	354	294	23	33	23	23	10	9	4
55 to 59 years	555	457	45	48	34	34	14	9	5
60 to 64 years	672	550	52	58	45	44	13	10	12
65 to 69 years	495	426	40	24	24	24	-	-	5
70 years and over	699	633	33	26	22	22	4	4	7
Average age	53.0	53.6	50.4	50.3	51.0	51.1	48.2	48.1	52.1
Operators by sex:									
Male	4 210	3 442	367	345	261	257	84	67	56
Female	660	593	37	25	21	20	4	4	5
Operators of Spanish origin (see text)	110	97	8	4	3	3	1	1	1
FARMS BY TYPE OF ORGANIZATION									
Individual or family (sole proprietorship) — farms	4 035	4 035	-	-	-	-	-	-	-
acres	429 021	429 021	-	-	-	-	-	-	-
Partnership — farms	404	-	404	-	-	-	-	-	-
acres	169 792	-	169 792	-	-	-	-	-	-
Corporation:									
Family held — farms	282	-	-	282	282	277	-	-	-
acres	542 953	-	-	542 953	542 953	505 521	-	-	-
More than 10 stockholders — farms	5	-	-	5	5	-	-	-	-
10 or less stockholders — farms	277	-	-	277	277	277	-	-	-
Other than family held — farms	88	-	-	88	-	-	88	71	-
acres	356 096	-	-	356 096	-	-	356 096	168 816	-
More than 10 stockholders — farms	17	-	-	17	-	-	17	-	-
10 or less stockholders — farms	71	-	-	71	-	-	71	71	-
Other—cooperative, estate or trust, institutional, etc. — farms	61	-	-	-	-	-	-	-	61
acres	223 659	-	-	-	-	-	-	-	223 659

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	
FARMS BY SIZE									
1 to 9 acres	2 855	2 516	206	118	102	102	16	16	15
10 to 49 acres	1 401	1 135	122	123	100	98	23	21	21
50 to 69 acres	120	92	12	14	11	11	3	3	2
70 to 99 acres	102	74	8	17	10	10	7	5	3
100 to 139 acres	81	52	12	12	9	9	3	3	5
140 to 179 acres	38	27	6	5	3	3	2	1	-
180 to 219 acres	39	23	9	3	3	3	-	-	4
220 to 259 acres	13	9	3	1	1	1	-	-	-
260 to 499 acres	76	56	6	11	8	8	3	3	3
500 to 999 acres	31	19	2	6	3	3	3	1	4
1,000 to 1,999 acres	36	18	6	11	8	8	3	3	1
2,000 acres or more	78	14	12	49	24	21	25	15	3
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION									
Cash grains (011)	-	-	-	-	-	-	-	-	-
Field crops, except cash grains (013)	398	328	37	28	18	18	10	3	5
Cotton (0131)	-	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	398	328	37	28	18	18	10	3	5
Vegetables and melons (016)	551	461	50	31	27	27	4	4	9
Fruits and tree nuts (017)	1 713	1 486	125	85	64	64	21	16	17
Horticultural specialties (018)	1 011	782	95	128	102	101	26	24	6
General farms, primarily crop (019)	23	17	2	1	-	-	1	1	3
Livestock, except dairy, poultry, and animal specialties (021)	977	824	79	57	39	36	18	17	17
Beef cattle, except feedlots (0212)	662	549	56	43	31	29	12	12	14
Dairy farms (024)	22	7	2	12	9	9	3	1	1
Poultry and eggs (025)	44	25	6	13	13	13	-	-	-
Animal specialties (027)	99	79	5	14	10	9	4	4	1
General farms, primarily livestock and animal specialties (029)	32	26	3	1	-	-	1	1	2
LIVESTOCK									
Cattle and calves inventory — farms	1 003	832	76	71	52	49	19	16	24
— number	211 045	58 396	14 318	89 781	60 274	54 244	29 507	25 358	48 550
Farms with—									
1 to 9	344	316	16	8	8	8	-	-	4
10 to 49	386	337	30	11	8	8	3	3	8
50 to 99	102	86	8	4	2	2	2	2	4
100 to 199	70	50	10	8	4	4	4	3	2
200 to 499	40	26	6	4	4	4	-	-	4
500 or more	61	17	6	36	26	23	10	8	2
Cows and heifers that had calved — farms	769	631	58	62	48	45	14	11	18
— number	95 263	28 155	7 293	39 078	28 947	26 801	10 131	8 033	20 737
Beef cows — farms	724	598	58	50	39	36	11	10	18
— number	83 427	26 597	(D)	29 126	22 808	20 662	6 318	(D)	(D)
Farms with—									
1 to 9	321	294	16	6	5	5	1	1	5
10 to 49	267	223	26	12	10	10	2	2	6
50 to 99	54	41	7	4	2	2	2	1	2
100 to 199	26	20	1	3	3	3	-	-	2
200 to 499	23	11	3	7	5	3	2	2	2
500 or more	33	9	5	18	14	13	4	4	1
Milk cows — farms	73	56	2	14	10	10	4	2	1
— number	11 836	1 558	(D)	9 952	6 139	6 139	3 813	(D)	(D)
Farms with—									
1 to 4	49	47	1	1	1	1	-	-	-
5 to 9	4	3	-	1	-	-	1	1	-
10 to 49	-	-	-	-	-	-	-	-	-
50 to 99	2	1	-	-	-	-	-	-	1
100 to 199	2	1	-	1	1	1	-	-	-
200 to 499	8	4	1	3	2	2	1	-	-
500 or more	8	-	-	8	6	6	2	1	-
Heifers and heifer calves — farms	753	612	60	63	45	42	18	15	18
— number	61 394	15 786	3 709	27 008	16 793	14 089	10 215	8 311	14 891
Steers, steer calves, bulls, and bull calves — farms	865	715	65	62	43	40	19	16	23
— number	54 388	14 455	3 316	23 695	14 534	13 354	9 161	9 014	12 922
Cattle and calves sold — farms	807	656	65	66	46	43	20	17	20
— number	101 315	18 355	10 841	55 985	24 984	22 639	31 001	29 782	16 134
— $1,000	43 881	5 618	4 416	25 893	8 880	7 740	17 013	16 682	7 954
Calves — farms	391	322	30	28	18	17	10	8	11
— number	16 199	5 702	3 300	7 028	4 826	(D)	2 202	(D)	169
— $1,000	3 654	1 274	851	1 496	994	(D)	502	(D)	33
Cattle — farms	609	481	51	62	45	42	17	14	15
— number	85 116	12 653	7 541	48 957	20 158	(D)	28 799	(D)	15 965
— $1,000	40 226	4 344	3 565	24 397	7 886	(D)	16 511	(D)	7 921
Fattened on grain and concentrates — farms	87	70	6	7	3	2	4	4	4
— number	42 295	1 010	2 994	27 356	2 017	(D)	25 339	25 339	10 935
— $1,000	24 594	462	1 757	16 157	980	(D)	15 177	15 177	6 217

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LIVESTOCK—Con.									
Hogs and pigs inventory ..... farms	372	319	31	15	12	12	3	2	7
number	47 564	24 653	10 833	11 252	8 222	8 222	3 030	(D)	826
Farms with—									
1 to 24	198	176	10	9	8	8	1	1	3
25 to 49	50	48	1	-	-	-	-	-	1
50 to 99	39	35	4	-	-	-	-	-	-
100 to 199	33	27	6	-	-	-	-	-	-
200 to 499	31	25	3	-	-	-	-	-	3
500 or more	21	8	7	6	4	4	2	1	-
Used or to be used for breeding ..... farms	255	223	20	6	4	4	2	1	6
number	6 696	3 817	1 364	1 322	(D)	(D)	(D)	(D)	193
Other ..... farms	349	297	31	15	12	12	3	2	6
number	40 868	20 836	9 469	9 930	(D)	(D)	(D)	(D)	633
Hogs and pigs sold ..... farms	307	262	27	11	8	8	3	2	7
number	69 019	31 978	17 861	18 016	13 174	13 174	4 842	(D)	1 164
$1,000	10 371	4 526	2 818	2 867	2 106	2 106	761	(D)	159
Feeder pigs ..... farms	60	54	3	1	1	1	-	-	2
number	3 267	2 140	359	(D)	(D)	(D)	-	-	(D)
$1,000	199	94	25	(D)	(D)	(D)	-	-	(D)
Litters of pigs farrowed between—									
Dec. 1 of preceding year and Nov. 30 ..... farms	261	228	20	6	4	4	2	1	7
number	9 601	5 085	1 960	2 337	(D)	(D)	(D)	(D)	219
Dec. 1 and May 31 ..... farms	245	214	19	6	4	4	2	1	6
number	4 931	2 715	995	1 113	(D)	(D)	(D)	(D)	108
June 1 and Nov. 30 ..... farms	220	188	19	6	4	4	2	1	7
number	4 670	2 370	965	1 224	(D)	(D)	(D)	(D)	111
Sheep and lambs of all ages inventory ..... farms	42	35	1	3	2	2	1	1	3
number	21 908	(D)	(D)	(D)	(D)	(D)	(D)	(D)	111
Ewes 1 year old or older ..... farms	33	29	-	2	2	2	-	-	2
number	10 983	(D)	-	(D)	(D)	(D)	-	-	(D)
Sheep and lambs sold ..... farms	26	19	1	3	2	2	1	1	3
number	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	31
Sheep and lambs shorn ..... farms	15	12	-	2	2	2	-	-	1
number	3 196	1 498	-	(D)	(D)	(D)	-	-	(D)
pounds of wool	39 997	28 705	-	(D)	(D)	(D)	-	-	(D)
Horses and ponies inventory ..... farms	537	429	47	50	35	33	15	12	11
number	3 551	1 730	559	752	547	(D)	205	186	510
Horses and ponies sold ..... farms	63	38	12	11	7	6	4	4	2
number	236	94	(D)	50	32	(D)	18	18	(D)
Goats inventory ..... farms	74	64	5	4	3	3	1	-	1
number	938	663	224	(D)	(D)	(D)	(D)	-	(D)
Goats sold ..... farms	34	28	2	3	2	2	1	-	1
number	436	221	(D)	6	(D)	(D)	(D)	-	(D)
POULTRY									
Chickens 3 months old or older inventory ..... farms	181	151	15	12	12	12	-	-	3
number	(D)	60 282	230 584	(D)	(D)	(D)	-	-	1 884
Farms with—									
1 to 399	159	144	11	3	3	3	-	-	1
400 to 3,199	8	5	1	-	-	-	-	-	2
3,200 to 9,999	-	-	-	-	-	-	-	-	-
10,000 to 19,999	2	1	-	1	1	1	-	-	-
20,000 to 49,999	5	1	1	3	3	3	-	-	-
50,000 to 99,999	4	-	1	3	3	3	-	-	-
100,000 or more	3	-	1	2	2	2	-	-	-
Hens and pullets of laying age ..... farms	177	148	15	11	11	11	-	-	3
number	(D)	(D)	212 455	(D)	(D)	(D)	-	-	(D)
Pullets 3 months old or older not of laying age ..... farms	53	42	5	5	5	5	-	-	1
number	118 012	(D)	18 129	95 684	95 684	95 684	-	-	(D)
Hens and pullets sold ..... farms	31	17	3	10	10	10	-	-	1
number	824 182	(D)	90 105	723 355	723 355	723 355	-	-	(D)
Broilers and other meat-type chickens sold ..... farms	12	8	-	2	2	2	-	-	2
number	2 069 316	1 235 769	-	(D)	(D)	(D)	-	-	(D)
Farms with—									
1 to 1,999	6	4	-	-	-	-	-	-	2
2,000 to 59,999	-	-	-	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-	-	-	-
100,000 or more	6	4	-	2	2	2	-	-	-
Turkey hens kept for breeding ..... farms	4	4	-	-	-	-	-	-	-
number	10	10	-	-	-	-	-	-	-
Turkeys sold ..... farms	-	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

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

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

Item		Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.
					Total	Family held		Other than family held		
						Total	10 or less stock-holders	Total	10 or less stock-holders	
CROPS HARVESTED										
Sugarcane for sugar	farms	79	56	5	14	6	6	8	3	4
	acres	79 234	935	140	78 062	42 720	42 720	35 342	(D)	97
	tons	7 934 181	85 050	11 550	7 832 030	4 158 359	4 158 359	3 673 671	1 569 930	5 551
Irrigated	farms	17	2	1	11	4	4	7	3	3
	acres	49 121	(D)	(D)	49 047	24 646	24 646	24 401	12 548	57
Pineapples harvested	farms	18	7	3	8	1	1	7	2	-
	acres	22 262	36	283	21 943	(D)	(D)	(D)	(D)	-
	tons	683 182	1 106	5 270	676 806	(D)	(D)	(D)	(D)	-
Irrigated	farms	9	1	1	7	-	-	7	2	-
	acres	19 674	(D)	(D)	(D)	-	-	(D)	(D)	-
Vegetables harvested for sale (see text)	farms	710	597	60	38	31	31	7	5	15
	acres	5 587	4 027	442	1 045	1 008	1 008	37	(D)	73
Irrigated	farms	552	458	51	30	27	27	3	1	13
	acres	5 045	3 535	423	1 022	1 000	1 000	22	(D)	65
Farms by acres harvested:										
0.1 to 4.9 acres		499	435	36	18	14	14	4	3	10
5.0 to 24.9 acres		156	121	20	11	8	8	3	2	4
25.0 to 99.9 acres		50	39	4	6	6	6	-	-	1
100.0 to 249.9 acres		3	1	-	2	2	2	-	-	-
250.0 acres or more		2	1	-	1	1	1	-	-	-
Land in orchards	farms	2 128	1 849	151	102	78	77	24	20	26
	acres	33 564	10 693	4 954	17 723	4 285	(D)	13 438	9 489	194
Irrigated	farms	576	481	45	39	25	24	14	12	11
	acres	6 704	1 541	298	4 788	223	(D)	4 565	(D)	77
Farms by bearing and nonbearing acres:										
0.1 to 4.9 acres		1 217	1 107	63	34	31	30	3	3	13
5.0 to 24.9 acres		821	697	72	41	33	33	8	7	11
25.0 to 99.9 acres		69	44	11	12	8	8	4	4	2
100.0 to 249.9 acres		6	-	1	5	4	4	1	1	-
250.0 acres or more		15	1	4	10	2	2	8	5	-

[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 Age and Principal Occupation of Operator: 1987**

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

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
FARMS AND LAND IN FARMS								
Farms ..... number	4 870	2 816	18	290	610	325	717	856
percent	100.0	57.8	.4	6.0	12.5	6.7	14.7	17.6
Land in farms ..... acres	1 721 521	1 454 559	208	11 208	275 076	348 856	481 572	337 639
Average size of farm ..... acres	353	517	12	39	451	1 073	672	394
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms	4 870	2 816	18	290	610	325	717	856
$1,000	609 740	560 996	555	16 823	147 681	120 673	237 986	37 279
Average per farm ..... dollars	125 203	199 217	30 834	58 010	242 099	371 301	331 919	43 550
Farms by value of sales:								
Less than $1,000 (see text)	650	225	1	16	49	14	58	87
$1,000 to $2,499	752	291	1	17	40	29	71	133
$2,500 to $4,999	674	325	1	16	39	35	91	143
$5,000 to $9,999	745	418	3	31	77	41	81	185
$10,000 to $19,999	685	437	4	55	70	50	115	143
$20,000 to $24,999	226	168	2	22	49	12	45	38
$25,000 to $39,999	358	271	-	44	83	26	75	43
$40,000 to $49,999	118	93	2	12	23	16	30	10
$50,000 to $99,999	287	251	3	41	74	35	66	32
$100,000 to $249,999	195	172	1	24	57	29	46	15
$250,000 to $499,999	83	76	-	9	23	17	13	14
$500,000 to $999,999	36	35	-	1	14	6	7	7
$1,000,000 or more	61	54	-	2	12	15	19	6
Grains ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Corn for grain ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Wheat ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Soybeans ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Sorghum for grain ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Barley ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Oats ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Other grains ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
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	7	4	-	-	1	1	2	-
$1,000	630	534	-	-	(D)	(D)	(D)	-
Sales of $50,000 or more ..... farms	1	1	-	-	1	-	-	-
$1,000	(D)	(D)	-	-	(D)	-	-	-
Vegetables, sweet corn, and melons ..... farms	708	520	3	58	136	64	143	116
$1,000	25 790	24 044	147	2 826	8 362	2 993	6 863	2 853
Sales of $50,000 or more ..... farms	114	112	1	15	35	22	32	7
$1,000	19 352	(D)	(D)	2 128	7 065	2 344	5 198	1 898
Fruits, nuts, and berries ..... farms	1 747	1 009	10	98	225	97	230	349
$1,000	157 332	133 528	197	2 763	20 258	42 342	61 885	6 082
Sales of $50,000 or more ..... farms	95	90	-	17	25	10	27	11
$1,000	141 644	122 859	-	1 498	17 658	41 463	59 149	3 091
Nursery and greenhouse crops ..... farms	1 139	716	4	84	191	101	136	200
$1,000	56 527	48 278	86	7 154	14 225	12 326	7 359	7 128
Sales of $50,000 or more ..... farms	224	195	1	31	68	41	28	26
$1,000	47 869	42 245	(D)	(D)	12 542	11 636	5 982	5 716
Other crops ..... farms	497	309	2	44	72	45	77	69
$1,000	258 037	255 580	(D)	(D)	73 326	44 472	135 359	(D)
Sales of $50,000 or more ..... farms	66	59	2	6	20	9	20	2
$1,000	253 056	252 453	(D)	673	72 533	43 987	134 659	(D)
Poultry and poultry products ..... farms	99	60	1	5	20	9	12	13
$1,000	21 009	19 551	(D)	(D)	2 865	4 606	9 184	1 730
Sales of $50,000 or more ..... farms	23	20	-	1	4	3	9	3
$1,000	20 835	19 424	-	(D)	(D)	4 557	9 183	1 693
Dairy products ..... farms	23	21	-	1	5	6	5	4
$1,000	31 299	(D)	-	(D)	5 769	10 007	9 318	3 545
Sales of $50,000 or more ..... farms	20	18	-	-	4	5	5	4
$1,000	31 266	(D)	-	-	(D)	(D)	9 318	3 545
Cattle and calves ..... farms	807	405	-	22	43	53	122	165
$1,000	43 881	38 690	-	381	18 506	2 488	5 426	11 889
Sales of $50,000 or more ..... farms	74	56	-	2	12	9	18	15
$1,000	40 341	36 554	-	(D)	(D)	2 092	4 678	11 120

See footnotes at end of table.

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

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

Item	Other occupations						
		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	2 054	10	215	541	440	510	338
percent	42.2	.2	4.4	11.1	9.0	10.5	6.9
Land in farms ..... acres	266 962	2 880	3 430	33 581	99 256	68 633	59 182
Average size of farm ..... acres	130	288	16	62	226	135	175
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... farms	2 054	10	215	541	440	510	338
$1,000	48 745	11	2 983	7 160	25 586	9 526	3 478
Average per farm ..... dollars	23 732	1 102	13 872	13 235	58 149	18 679	10 291
Farms by value of sales:							
Less than $1,000 (see text)	425	4	28	137	99	98	59
$1,000 to $2,499	461	5	59	115	84	107	91
$2,500 to $4,999	349	1	29	78	75	95	71
$5,000 to $9,999	327	-	46	80	74	84	43
$10,000 to $19,999	248	-	33	61	44	64	46
$20,000 to $24,999	58	-	4	20	14	11	9
$25,000 to $39,999	87	-	7	28	23	21	8
$40,000 to $49,999	25	-	4	5	7	4	5
$50,000 to $99,999	36	-	3	7	7	16	3
$100,000 to $249,999	23	-	-	6	9	6	2
$250,000 to $499,999	7	-	1	3	1	2	-
$500,000 to $999,999	1	-	-	-	-	-	1
$1,000,000 or more	7	-	1	1	3	2	-
Grains ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Corn for grain ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Wheat ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Soybeans ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Sorghum for grain ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Barley ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Oats ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Other grains ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Cotton and cottonseed ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Tobacco ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Hay, silage, and field seeds ..... farms	3	-	-	-	1	2	-
$1,000	96	-	-	-	(D)	(D)	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Vegetables, sweet corn, and melons ..... farms	188	-	32	48	38	31	39
$1,000	1 746	-	473	642	188	185	257
Sales of $50,000 or more ..... farms	2	-	1	1	-	-	-
$1,000	(D)	-	(D)	(D)	-	-	-
Fruits, nuts, and berries ..... farms	738	-	85	195	159	184	115
$1,000	23 803	-	595	1 267	19 734	1 486	721
Sales of $50,000 or more ..... farms	5	-	-	-	2	3	-
$1,000	18 785	-	-	-	(D)	(D)	-
Nursery and greenhouse crops ..... farms	423	2	55	103	86	95	82
$1,000	8 249	(D)	(D)	3 203	1 751	1 241	617
Sales of $50,000 or more ..... farms	29	-	3	8	9	7	2
$1,000	5 624	-	1 110	2 481	1 234	(D)	(D)
Other crops ..... farms	188	-	37	39	43	43	26
$1,000	2 457	-	401	413	857	501	285
Sales of $50,000 or more ..... farms	7	-	-	1	3	2	1
$1,000	603	-	-	(D)	381	(D)	(D)
Poultry and poultry products ..... farms	39	-	4	14	10	6	5
$1,000	1 459	-	(Z)	23	813	376	247
Sales of $50,000 or more ..... farms	3	-	-	-	1	1	1
$1,000	1 411	-	-	-	(D)	(D)	(D)
Dairy products ..... farms	2	-	-	1	-	1	-
$1,000	(D)	-	-	(D)	-	(D)	-
Sales of $50,000 or more ..... farms	2	-	-	1	-	1	-
$1,000	(D)	-	-	(D)	-	(D)	-
Cattle and calves ..... farms	402	2	25	119	79	109	68
$1,000	5 191	(D)	(D)	809	1 588	1 490	1 237
Sales of $50,000 or more ..... farms	18	-	-	3	5	8	2
$1,000	3 786	-	-	411	1 390	(D)	(D)

See footnotes at end of table.

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

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

Item		Total farming and other occupations	Farming						
			Total	Age of operator (years)					
				Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.									
Total sales (see text)—Con.									
Hogs and pigs	farms	307	172	2	15	27	20	64	44
	$1,000	10 371	8 792	(D)	(D)	1 178	1 390	2 437	2 864
Sales of $50,000 or more	farms	45	39	-	5	7	4	16	7
	$1,000	8 359	7 367	-	772	1 013	1 220	1 753	2 609
Sheep, lambs, and wool	farms	27	17	-	1	6	3	5	2
	$1,000	105	(D)	-	(D)	(D)	(D)	(D)	(D)
Sales of $50,000 or more	farms	1	1	-	-	-	-	1	-
	$1,000	(D)	(D)	-	-	-	-	(D)	-
Other livestock and livestock products (see text)	farms	148	76	-	4	36	15	11	10
	$1,000	4 759	3 227	-	387	2 648	34	78	80
Sales of $50,000 or more	farms	10	9	-	1	7	-	-	1
	$1,000	4 097	(D)	-	(D)	2 423	-	-	(D)
FARM PRODUCTION EXPENSES[1]									
Total farm production expenses	farms	4 868	2 819	18	290	609	327	722	853
	$1,000	495 759	452 017	430	12 732	119 144	101 436	187 917	30 359
Average per farm	dollars	101 840	160 347	23 889	43 905	195 639	310 201	260 272	35 591
Livestock and poultry purchased	farms	589	332	2	28	67	50	91	94
	$1,000	15 230	13 592	(D)	(D)	8 137	1 248	2 293	1 661
Farms with expenses of—									
$1 to $4,999		444	225	2	21	46	32	55	69
$5,000 to $24,999		84	62	-	5	12	13	16	16
$25,000 to $99,999		40	27	-	1	5	2	14	5
$100,000 or more		21	18	-	1	4	3	6	4
Feed for livestock and poultry	farms	945	506	2	41	108	60	151	144
	$1,000	42 629	38 155	(D)	(D)	10 043	7 792	11 739	7 344
Farms with expenses of—									
$1 to $4,999		744	353	2	26	68	42	100	115
$5,000 to $24,999		97	63	-	8	18	6	18	13
$25,000 to $99,999		44	37	-	5	7	3	16	6
$100,000 or more		60	53	-	2	15	9	17	10
Commercially mixed formula feeds	farms	358	210	1	18	55	24	64	48
	$1,000	19 012	16 942	(D)	(D)	2 977	3 348	7 275	2 287
Farms with expenses of—									
$1 to $4,999		256	125	1	11	33	16	29	35
$5,000 to $24,999		37	27	-	2	10	1	10	4
$25,000 to $79,999		21	19	-	3	4	-	10	2
$80,000 or more		44	39	-	2	8	7	15	7
Seeds, bulbs, plants, and trees	farms	1 484	980	5	119	267	137	244	208
	$1,000	12 316	11 763	6	551	4 011	2 444	4 080	671
Farms with expenses of—									
$1 to $999		1 077	663	4	68	154	85	173	179
$1,000 to $4,999		289	217	-	40	80	32	48	17
$5,000 to $24,999		83	70	1	9	23	11	15	11
$25,000 or more		35	30	-	2	10	9	8	1
Commercial fertilizer	farms	3 524	2 172	16	239	522	247	533	615
	$1,000	30 717	29 232	51	723	8 020	6 714	12 660	1 064
Farms with expenses of—									
$1 to $4,999		3 200	1 884	13	200	422	200	459	590
$5,000 to $24,999		263	231	3	37	86	34	54	17
$25,000 to $49,999		25	22	-	2	5	3	6	6
$50,000 or more		36	35	-	-	9	10	14	2
Agricultural chemicals	farms	3 881	2 317	17	260	531	261	570	678
	$1,000	18 233	16 869	43	621	4 744	3 382	7 291	787
Farms with expenses of—									
$1 to $4,999		3 634	2 101	16	228	457	223	515	662
$5,000 to $24,999		205	177	1	31	64	28	40	13
$25,000 to $49,999		13	11	-	-	4	3	4	-
$50,000 or more		29	28	-	1	6	7	11	3
Petroleum products	farms	4 503	2 678	17	281	583	314	687	796
	$1,000	17 197	15 773	41	471	4 326	2 985	7 030	919
Farms with expenses of—									
$1 to $4,999		4 242	2 452	16	265	522	271	616	762
$5,000 to $24,999		218	186	-	16	46	34	58	32
$25,000 to $49,999		17	15	1	-	9	2	2	1
$50,000 or more		26	25	-	-	6	7	11	1
Gasoline and gasohol	farms	4 151	2 483	17	266	540	279	651	730
	$1,000	6 379	5 386	23	348	1 941	856	1 593	624
Diesel fuel	farms	1 468	993	6	111	258	149	266	203
	$1,000	8 560	8 261	16	67	1 800	1 807	4 349	223
Natural gas	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms	2 782	1 830	15	208	447	229	473	458
	$1,000	2 258	2 126	2	57	586	322	1 088	71

See footnotes at end of table.

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

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

Item	Other occupations						
		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	135	-	2	40	32	42	19
$1,000	1 578	-	(D)	(D)	563	597	77
Sales of $50,000 or more ..... farms	6	-	-	2	1	3	-
$1,000	992	-	-	(D)	(D)	388	-
Sheep, lambs, and wool ..... farms	10	-	-	2	6	2	-
$1,000	(D)	-	-	(D)	(D)	(D)	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Other livestock and livestock products (see text) ..... farms	72	2	9	18	17	15	11
$1,000	1 532	(D)	(D)	101	68	1 306	37
Sales of $50,000 or more ..... farms	1	-	-	-	-	1	-
$1,000	(D)	-	-	-	-	(D)	-
FARM PRODUCTION EXPENSES[1]							
Total farm production expenses ..... farms	2 049	10	215	539	439	508	338
$1,000	43 741	56	2 097	6 927	22 246	9 188	3 227
Average per farm ..... dollars	21 348	5 641	9 755	12 852	50 674	18 086	9 546
Livestock and poultry purchased ..... farms	257	2	17	77	52	79	30
$1,000	1 638	(D)	(D)	325	235	674	386
Farms with expenses of—							
$1 to $4,999	219	2	17	65	49	68	18
$5,000 to $24,999	22	-	-	8	1	4	9
$25,000 to $99,999	13	-	-	4	1	6	2
$100,000 or more	3	-	-	-	1	1	1
Feed for livestock and poultry ..... farms	439	3	28	141	107	96	64
$1,000	4 473	2	15	380	1 082	2 225	769
Farms with expenses of—							
$1 to $4,999	391	3	28	130	95	79	56
$5,000 to $24,999	34	-	-	8	9	11	6
$25,000 to $99,999	7	-	-	2	2	3	-
$100,000 or more	7	-	-	1	1	3	2
Commercially mixed formula feeds ..... farms	148	1	12	44	39	26	26
$1,000	2 071	(D)	(D)	223	906	669	266
Farms with expenses of—							
$1 to $4,999	131	1	12	40	34	20	24
$5,000 to $24,999	10	-	-	1	4	4	1
$25,000 to $79,999	2	-	-	2	-	-	-
$80,000 or more	5	-	-	1	1	2	1
Seeds, bulbs, plants, and trees ..... farms	504	-	65	129	113	119	78
$1,000	553	-	80	238	107	109	20
Farms with expenses of—							
$1 to $999	414	-	52	110	84	95	73
$1,000 to $4,999	72	-	10	12	25	20	5
$5,000 to $24,999	13	-	2	4	3	4	-
$25,000 or more	5	-	1	3	1	-	-
Commercial fertilizer ..... farms	1 352	4	172	361	275	326	214
$1,000	1 485	1	130	306	601	325	121
Farms with expenses of—							
$1 to $4,999	1 316	4	169	351	264	315	213
$5,000 to $24,999	32	-	3	10	9	9	1
$25,000 to $49,999	3	-	-	-	1	2	-
$50,000 or more	1	-	-	-	1	-	-
Agricultural chemicals ..... farms	1 564	6	185	420	329	378	246
$1,000	1 364	23	143	367	422	270	140
Farms with expenses of—							
$1 to $4,999	1 533	5	183	412	322	368	243
$5,000 to $24,999	28	1	1	7	6	10	3
$25,000 to $49,999	2	-	1	1	-	-	-
$50,000 or more	1	-	-	-	1	-	-
Petroleum products ..... farms	1 825	10	200	481	384	440	310
$1,000	1 424	3	141	363	386	370	161
Farms with expenses of—							
$1 to $4,999	1 790	10	198	471	377	425	309
$5,000 to $24,999	32	-	2	10	5	14	1
$25,000 to $49,999	2	-	-	-	1	1	-
$50,000 or more	1	-	-	-	1	-	-
Gasoline and gasohol ..... farms	1 668	9	186	430	355	403	285
$1,000	993	2	98	267	266	240	119
Diesel fuel ..... farms	475	3	49	133	118	107	65
$1,000	300	1	29	65	90	89	25
Natural gas ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms	952	4	93	260	201	239	155
$1,000	131	(Z)	14	30	30	41	16

See footnotes at end of table.

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

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

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
FARM PRODUCTION EXPENSES[1] —Con.								
Total farm production expenses—Con.								
Electricity ..... farms	1 868	1 255	9	135	295	169	340	307
$1,000	5 611	4 904	2	198	1 127	809	2 369	399
Farms with expenses of—								
$1 to $999	1 436	893	8	94	192	109	237	253
$1,000 to $4,999	316	257	1	31	76	42	66	41
$5,000 to $24,999	79	73	-	9	17	11	26	10
$25,000 or more	37	32	-	1	10	7	11	3
Hired farm labor ..... farms	1 224	880	6	107	255	129	221	162
$1,000	193 230	184 144	67	3 886	47 115	40 744	85 187	7 145
Farms with expenses of—								
$1 to $4,999	550	305	3	39	79	30	72	82
$5,000 to $24,999	311	263	2	31	81	44	69	36
$25,000 to $99,999	234	197	1	28	61	31	50	26
$100,000 or more	129	115	-	9	34	24	30	18
Contract labor ..... farms	768	438	3	62	132	67	101	73
$1,000	5 885	4 621	3	357	2 362	672	870	356
Farms with expenses of—								
$1 to $999	223	109	1	10	32	11	28	27
$1,000 to $4,999	334	178	2	29	48	33	38	28
$5,000 to $24,999	178	123	-	21	39	19	28	16
$25,000 or more	33	28	-	2	13	4	7	2
Repair and maintenance ..... farms	3 612	2 248	16	243	511	272	587	619
$1,000	25 557	23 629	30	534	5 031	7 679	8 725	1 630
Farms with expenses of—								
$1 to $4,999	3 300	1 982	15	221	430	216	518	582
$5,000 to $24,999	245	208	1	20	65	41	50	31
$25,000 to $49,999	28	22	-	1	8	5	5	3
$50,000 or more	39	36	-	1	8	10	14	3
Customwork, machine hire, and rental of machinery and equipment ..... farms	698	430	1	49	155	61	84	80
$1,000	8 175	7 257	(D)	(D)	2 057	2 144	2 559	320
Farms with expenses of—								
$1 to $999	434	247	-	19	86	33	46	63
$1,000 to $4,999	191	126	1	21	52	16	25	11
$5,000 to $24,999	49	35	-	8	9	6	7	5
$25,000 or more	24	22	-	1	8	6	6	1
Interest expense ..... farms	1 285	893	8	117	276	128	219	145
$1,000	22 930	19 507	18	760	6 131	7 045	4 400	1 153
Farms with expenses of—								
$1 to $4,999	847	567	7	83	175	59	136	107
$5,000 to $24,999	324	227	1	27	77	45	49	28
$25,000 to $99,999	97	84	-	6	20	18	31	9
$100,000 or more	17	15	-	1	4	6	3	1
Secured by real estate ..... farms	721	474	2	49	136	79	134	74
$1,000	15 097	13 429	(D)	(D)	4 270	5 367	2 529	689
Farms with expenses of—								
$1 to $999	119	70	2	2	15	9	24	18
$1,000 to $4,999	284	172	-	21	49	22	44	36
$5,000 to $24,999	238	165	-	21	59	32	39	14
$25,000 or more	80	67	-	5	13	16	27	6
Not secured by real estate ..... farms	726	536	8	80	178	71	118	81
$1,000	7 833	6 078	(D)	(D)	1 861	1 678	1 872	464
Farms with expenses of—								
$1 to $999	286	208	5	34	70	26	44	29
$1,000 to $4,999	293	211	2	36	73	23	45	32
$5,000 to $24,999	117	89	1	10	25	13	23	17
$25,000 or more	30	28	-	-	10	9	6	3
Cash rent ..... farms	1 668	1 109	12	158	293	146	260	240
$1,000	15 910	14 083	22	629	3 530	1 745	7 258	897
Farms with expenses of—								
$1 to $4,999	1 438	923	11	131	236	114	219	212
$5,000 to $9,999	96	76	1	16	23	10	16	10
$10,000 to $24,999	67	54	-	7	18	11	9	9
$25,000 or more	67	56	-	4	16	11	16	9
Property taxes ..... farms	3 926	2 274	11	185	463	265	610	740
$1,000	5 142	4 095	3	200	817	713	1 695	668
Farms with expenses of—								
$1 to $4,999	3 827	2 200	11	182	450	249	582	726
$5,000 to $9,999	43	28	-	-	2	7	12	7
$10,000 to $24,999	27	21	-	2	6	3	5	5
$25,000 or more	29	25	-	1	5	6	11	2
All other farm production expenses ..... farms	4 428	2 654	18	282	588	313	675	778
$1,000	76 996	64 393	136	2 140	11 691	15 321	29 759	5 346
Farms with expenses of—								
$1 to $4,999	3 801	2 110	13	209	417	219	544	708
$5,000 to $24,999	407	346	3	56	108	55	81	43
$25,000 to $49,999	87	72	2	5	23	15	19	8
$50,000 or more	133	126	-	12	40	24	31	19

See footnotes at end of table.

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

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

Item	Other occupations						
		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	613	-	37	166	140	171	99
$1,000	707	-	19	94	162	396	36
Farms with expenses of—							
$1 to $999	543	-	33	145	122	150	93
$1,000 to $4,999	59	-	3	20	15	15	6
$5,000 to $24,999	6	-	1	-	2	3	-
$25,000 or more	5	-	-	1	1	3	-
Hired farm labor ..... farms	344	1	28	104	82	84	45
$1,000	9 086	(D)	(D)	1 597	4 186	2 143	536
Farms with expenses of—							
$1 to $4,999	245	-	22	82	58	56	27
$5,000 to $24,999	48	1	3	11	8	14	11
$25,000 to $99,999	37	-	1	7	13	10	6
$100,000 or more	14	-	2	4	3	4	1
Contract labor ..... farms	330	1	33	91	85	80	40
$1,000	1 264	(D)	(D)	403	350	296	156
Farms with expenses of—							
$1 to $999	114	1	18	41	24	22	8
$1,000 to $4,999	156	-	12	36	40	43	25
$5,000 to $24,999	55	-	3	11	20	15	6
$25,000 or more	5	-	-	3	1	-	1
Repair and maintenance ..... farms	1 364	6	142	365	287	350	214
$1,000	1 928	2	141	346	855	429	154
Farms with expenses of—							
$1 to $4,999	1 318	6	138	351	275	337	211
$5,000 to $24,999	37	-	3	13	9	10	2
$25,000 to $49,999	6	-	1	1	1	2	1
$50,000 or more	3	-	-	-	2	1	-
Customwork, machine hire, and rental of machinery and equipment ..... farms	268	-	36	90	56	67	19
$1,000	918	-	17	120	640	80	62
Farms with expenses of—							
$1 to $999	187	-	31	65	34	45	12
$1,000 to $4,999	65	-	5	21	15	19	5
$5,000 to $24,999	14	-	-	4	6	3	1
$25,000 or more	2	-	-	-	1	-	1
Interest expense ..... farms	392	-	46	110	111	83	42
$1,000	3 423	-	312	553	1 998	463	97
Farms with expenses of—							
$1 to $4,999	280	-	32	87	70	55	36
$5,000 to $24,999	97	-	12	21	35	23	6
$25,000 to $99,999	13	-	2	1	5	5	-
$100,000 or more	2	-	-	1	1	-	-
Secured by real estate ..... farms	247	-	31	66	66	54	30
$1,000	1 668	-	227	386	647	344	65
Farms with expenses of—							
$1 to $999	49	-	5	12	9	13	10
$1,000 to $4,999	112	-	13	39	24	20	16
$5,000 to $24,999	73	-	12	13	28	16	4
$25,000 or more	13	-	1	2	5	5	-
Not secured by real estate ..... farms	190	-	21	57	64	36	12
$1,000	1 755	-	85	167	1 351	119	32
Farms with expenses of—							
$1 to $999	78	-	12	20	24	15	7
$1,000 to $4,999	82	-	6	27	32	14	3
$5,000 to $24,999	28	-	2	10	7	7	2
$25,000 or more	2	-	1	-	1	-	-
Cash rent ..... farms	559	5	70	188	127	121	48
$1,000	1 828	12	64	632	647	362	111
Farms with expenses of—							
$1 to $4,999	515	4	69	177	112	110	43
$5,000 to $9,999	20	-	1	6	6	5	2
$10,000 to $24,999	13	1	-	1	6	3	2
$25,000 or more	11	-	-	4	3	3	1
Property taxes ..... farms	1 652	4	134	417	366	439	292
$1,000	1 047	(Z)	52	283	343	237	132
Farms with expenses of—							
$1 to $4,999	1 627	4	133	408	360	434	288
$5,000 to $9,999	15	-	-	6	2	4	3
$10,000 to $24,999	6	-	1	1	2	1	1
$25,000 or more	4	-	-	2	2	-	-
All other farm production expenses ..... farms	1 774	7	180	454	388	452	293
$1,000	12 603	2	293	920	10 233	807	346
Farms with expenses of—							
$1 to $4,999	1 691	7	170	428	366	431	289
$5,000 to $24,999	61	-	9	18	16	16	2
$25,000 to $49,999	15	-	-	7	4	3	1
$50,000 or more	7	-	1	1	2	2	1

See footnotes at end of table.

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

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

Item		Total farming and other occupations	Farming						
			Total	Age of operator (years)					
				Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT[1]									
All farms	number	4 869	2 819	18	290	609	327	722	853
	$1,000	113 904	108 908	125	4 090	28 474	19 244	50 075	6 899
Average per farm	dollars	23 394	38 633	6 945	14 105	46 755	58 851	69 357	8 088
Farms with net gains[2]	number	3 132	1 998	15	226	428	231	517	581
Average net gain	dollars	43 761	62 318	11 436	24 718	75 590	92 033	108 062	15 963
Gain of—									
Less than $1,000		484	217	-	19	31	20	50	97
$1,000 to $9,999		1 549	879	8	84	154	87	213	333
$10,000 to $49,999		848	672	7	98	171	75	199	122
$50,000 or more		251	230	-	25	72	49	55	29
Farms with net losses	number	1 737	821	3	64	181	96	205	272
Average net loss	dollars	13 331	19 007	15 511	23 372	21 431	20 994	28 256	8 733
Loss of—									
Less than $1,000		426	175	1	5	23	17	42	87
$1,000 to $9,999		990	451	1	38	102	52	108	150
$10,000 to $49,999		235	133	1	15	40	16	34	27
$50,000 or more		86	62	-	6	16	11	21	8
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME									
Government payments	farms	62	38	-	3	15	4	11	5
	$1,000	1 768	1 702	-	5	267	6	1 406	18
Other farm-related income[1]	farms	530	354	2	34	86	39	75	118
	$1,000	3 730	3 031	(D)	(D)	704	655	888	656
Customwork and other agricultural services	farms	239	168	-	22	51	14	27	54
	$1,000	1 947	1 648	-	108	352	479	325	384
Gross cash rent or share payments	farms	124	73	-	3	13	5	25	27
	$1,000	1 301	1 002	-	14	265	127	412	185
Forest products and Christmas trees	farms	36	22	-	-	7	6	2	7
	$1,000	152	124	-	-	57	(D)	(D)	36
Other farm-related income sources	farms	156	112	2	10	25	15	24	36
	$1,000	330	258	(D)	(D)	30	(D)	(D)	51
COMMODITY CREDIT CORPORATION LOANS									
Total	farms	6	6	-	1	5	-	-	-
	$1,000	394	394	-	(D)	(D)	-	-	-
Corn	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Wheat	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Soybeans	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Sorghum, barley, and oats	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Cotton	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey	farms	6	6	-	1	5	-	-	-
	$1,000	394	394	-	(D)	(D)	-	-	-
LAND IN FARMS ACCORDING TO USE									
Total cropland	farms	4 170	2 468	17	268	557	286	604	736
	acres	327 396	289 659	189	3 927	74 386	58 273	141 462	11 422
Harvested cropland	farms	3 837	2 313	17	257	540	269	555	675
	acres	152 719	140 262	132	2 101	36 368	29 431	68 345	3 885
Farms by acres harvested:									
1 to 49 acres		3 746	2 236	17	253	512	254	534	666
50 to 99 acres		42	37	-	3	18	8	5	3
100 to 199 acres		13	9	-	1	-	-	3	5
200 to 499 acres		7	6	-	-	3	1	1	1
500 to 999 acres		7	4	-	-	2	-	2	-
1,000 to 1,999 acres		2	2	-	-	-	-	2	-
2,000 acres or more		20	19	-	-	5	6	8	-
Cropland:									
Pasture or grazing only	farms	460	236	1	19	41	22	65	88
	acres	40 504	26 004	(D)	(D)	1 068	3 871	15 061	4 966
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	119	74	-	17	27	3	15	12
	acres	2 639	2 357	-	90	189	1 111	132	835
On which all crops failed	farms	54	42	-	7	17	7	7	4
	acres	122	94	-	14	28	25	13	14
In cultivated summer fallow	farms	56	47	1	7	15	7	9	8
	acres	795	731	(D)	(D)	188	30	449	33
Idle	farms	839	520	5	64	147	70	114	120
	acres	130 617	120 211	(D)	(D)	36 545	23 805	57 462	1 689
Total woodland	farms	216	119	-	17	34	10	26	32
	acres	99 135	82 415	-	347	3 812	49 547	27 305	1 404
Woodland pastured	farms	71	44	-	4	9	4	11	16
	acres	27 517	24 123	-	231	219	14 510	8 430	733
Woodland not pastured	farms	163	85	-	14	26	7	21	17
	acres	71 618	58 292	-	116	3 593	35 037	18 875	671

See footnotes at end of table.

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

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

Item	Other occupations						
		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[1]							
All farms ..... number	2 050	10	215	539	439	509	338
$1,000	4 997	–45	885	233	3 333	339	252
Average per farm ..... dollars	2 437	–4 540	4 117	433	7 592	666	745
Farms with net gains[2] ..... number	1 134	3	139	270	232	296	194
Average net gain ..... dollars	11 065	1 004	8 738	8 844	23 646	7 938	5 706
Gain of—							
Less than $1,000	267	2	30	58	54	75	48
$1,000 to $9,999	670	1	86	157	136	174	116
$10,000 to $49,999	176	-	20	49	35	44	28
$50,000 or more	21	-	3	6	7	3	2
Farms with net losses ..... number	916	7	76	269	207	213	144
Average net loss ..... dollars	8 244	6 915	4 334	8 010	10 400	9 440	5 938
Loss of—							
Less than $1,000	251	1	21	64	48	58	59
$1,000 to $9,999	539	5	48	177	118	118	73
$10,000 to $49,999	102	1	6	23	37	26	9
$50,000 or more	24	-	1	5	4	11	3
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME							
Government payments ..... farms	24	1	2	11	5	2	3
$1,000	67	(D)	(D)	30	12	(D)	11
Other farm-related income[1] ..... farms	176	-	23	44	37	41	31
$1,000	699	-	53	154	282	138	72
Customwork and other agricultural services ..... farms	71	-	13	23	12	16	7
$1,000	300	-	41	75	94	67	23
Gross cash rent or share payments ..... farms	51	-	-	13	14	11	13
$1,000	299	-	-	69	171	22	37
Forest products and Christmas trees ..... farms	14	-	4	4	2	2	2
$1,000	28	-	1	3	(D)	(D)	(D)
Other farm-related income sources ..... farms	44	-	6	7	9	13	9
$1,000	72	-	11	7	(D)	(D)	(D)
COMMODITY CREDIT CORPORATION LOANS							
Total ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Corn ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Wheat ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Soybeans ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Sorghum, barley, and oats ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Cotton ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
LAND IN FARMS ACCORDING TO USE							
Total cropland ..... farms	1 702	5	200	444	370	401	282
acres	37 737	2 726	1 420	9 536	11 822	8 429	3 804
Harvested cropland ..... farms	1 524	5	188	393	320	371	247
acres	12 457	(D)	637	(D)	6 176	1 848	737
Farms by acres harvested:							
1 to 49 acres	1 510	4	188	389	315	367	247
50 to 99 acres	5	-	-	1	1	3	-
100 to 199 acres	4	-	-	2	2	-	-
200 to 499 acres	1	-	-	-	-	1	-
500 to 999 acres	3	1	-	1	1	-	-
1,000 to 1,999 acres	-	-	-	-	-	-	-
2,000 acres or more	1	-	-	-	1	-	-
Cropland:							
Pasture or grazing only ..... farms	224	-	17	71	62	37	37
acres	14 500	-	521	3 375	2 742	5 501	2 361
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms	45	-	3	15	7	14	6
acres	282	-	8	90	57	60	67
On which all crops failed ..... farms	12	-	1	6	1	4	-
acres	28	-	(D)	(D)	(D)	(D)	-
In cultivated summer fallow ..... farms	9	-	1	3	1	2	2
acres	64	-	(D)	39	(D)	(D)	(D)
Idle ..... farms	319	2	44	83	72	71	47
acres	10 406	(D)	(D)	3 463	(D)	1 012	(D)
Total woodland ..... farms	97	-	10	26	26	25	10
acres	16 720	-	246	492	10 503	5 182	297
Woodland pastured ..... farms	27	-	2	2	12	9	2
acres	3 394	-	(D)	(D)	2 081	1 145	(D)
Woodland not pastured ..... farms	78	-	10	24	17	19	8
acres	13 326	-	(D)	(D)	8 422	4 037	(D)

See footnotes at end of table.

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

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

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
LAND IN FARMS ACCORDING TO USE—Con.								
Pastureland and rangeland other than cropland and woodland pastured ..... farms	614	304	1	25	55	33	90	100
acres	977 093	797 142	(D)	(D)	131 427	148 534	191 660	322 764
Land in house lots, ponds, roads, wasteland, etc. ..... farms	2 198	1 315	6	143	289	158	343	376
acres	317 897	285 343	(D)	(D)	65 451	92 502	121 145	2 049
Cropland under federal acreage reduction programs:								
Annual commodity acreage adjustment programs ..... farms	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
Conservation reserve program ..... farms	1	1	-	-	-	1	-	-
acres	(D)	(D)	-	-	-	(D)	-	-
Value of land and buildings[1] ..... farms	4 869	2 819	18	290	609	327	722	853
$1,000	2 938 125	2 272 543	2 954	77 297	522 905	465 178	522 779	681 430
Average per farm ..... dollars	603 435	806 152	164 111	266 541	858 629	1 422 563	724 071	798 863
Average per acre ..... dollars	1 707	1 563	14 202	6 897	1 902	1 333	1 085	2 022
Farms by value group:								
$1 to $39,999	1 013	528	5	57	97	59	128	182
$40,000 to $69,999	551	306	2	43	45	30	68	118
$70,000 to $99,999	386	226	4	22	52	23	52	73
$100,000 to $149,999	598	325	3	41	71	39	69	102
$150,000 to $199,999	479	269	-	25	62	29	77	76
$200,000 to $499,999	1 189	710	1	63	155	80	209	202
$500,000 to $999,999	370	250	3	27	65	34	62	59
$1,000,000 to $1,999,999	149	105	-	8	35	14	24	24
$2,000,000 to $4,999,999	62	44	-	3	11	7	15	8
$5,000,000 or more	72	56	-	1	16	12	18	9
VALUE OF MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ..... farms	4 836	2 813	18	290	609	327	722	847
$1,000	199 280	175 330	312	6 511	43 739	34 729	77 570	12 470
Farms by value group:								
$1 to $4,999	1 116	562	3	57	94	52	138	218
$5,000 to $9,999	1 601	802	2	58	135	76	206	325
$10,000 to $19,999	969	607	6	81	136	65	162	157
$20,000 to $49,999	788	547	5	65	155	79	141	102
$50,000 to $99,999	212	164	2	18	53	28	37	26
$100,000 to $199,999	87	72	-	6	22	12	18	14
$200,000 to $499,999	37	34	-	5	8	9	7	5
$500,000 or more	26	25	-	-	6	6	13	-
SELECTED MACHINERY AND EQUIPMENT[1]								
Motortrucks, including pickups ..... farms	4 222	2 505	17	272	557	287	651	721
number	9 270	6 936	28	454	1 736	1 213	2 310	1 195
Wheel tractors ..... farms	2 336	1 500	9	154	367	176	401	393
number	4 506	3 255	10	264	949	407	982	643
Less than 40 horsepower (PTO) ..... farms	1 797	1 151	6	106	279	131	314	315
number	2 550	1 720	7	153	444	186	479	451
40 horsepower (PTO) or more ..... farms	932	647	3	77	166	89	176	136
number	1 956	1 535	3	111	505	221	503	192
Grain and bean combines ..... farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Cottonpickers and strippers ..... farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners ..... farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Pickup balers ..... farms	5	2	-	-	-	1	1	-
number	8	(D)	-	-	-	(D)	(D)	-
AGRICULTURAL CHEMICALS[1]								
Commercial fertilizer ..... farms	3 522	2 170	16	238	522	247	532	615
acres on which used	225 457	212 935	131	1 938	47 644	42 023	114 200	6 999
Lime ..... farms	825	527	4	83	174	60	98	108
acres on which used	21 544	19 468	38	529	6 551	2 482	9 255	613
tons	23 220	21 121	47	584	7 094	1 951	10 744	701
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms	2 008	1 354	11	173	351	166	320	333
acres on which used	68 150	65 401	75	1 285	24 132	15 336	22 835	1 738
Nematodes in crops ..... farms	663	458	7	67	142	50	105	87
acres on which used	15 792	15 180	33	397	6 087	3 389	4 741	533
Diseases in crops and orchards ..... farms	1 151	808	9	120	236	95	178	170
acres on which used	(D)	16 008	62	879	3 898	8 360	1 906	903
Weeds, grass, or brush in crops and pasture ..... farms	2 887	1 740	15	215	418	192	426	474
acres on which used	235 871	216 537	95	1 680	57 323	44 471	108 507	4 461
Chemicals for defoliation or for growth control of crops or thinning of fruit ..... farms	212	125	3	12	32	28	29	21
acres on which used	57 481	57 174	35	90	3 202	13 517	40 014	316

See footnotes at end of table.

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

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

Item		Other occupations						
			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	310	3	18	89	67	88	45
	acres	179 951	139	1 233	22 138	68 707	48 313	39 421
Land in house lots, ponds, roads, wasteland, etc.	farms	883	5	63	249	184	244	138
	acres	32 554	15	531	1 415	8 224	6 709	15 660
Cropland under federal acreage reduction programs:								
Annual commodity acreage adjustment programs	farms	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-
Conservation reserve program	farms	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-
Value of land and buildings[1]	farms	2 050	10	215	539	439	509	338
	$1,000	665 582	1 257	34 965	194 167	194 841	142 381	97 971
Average per farm	dollars	324 674	125 700	162 628	360 236	443 829	279 727	289 855
Average per acre	dollars	2 493	436	10 194	5 787	1 963	2 075	1 655
Farms by value group:								
$1 to $39,999		485	3	65	94	99	137	87
$40,000 to $69,999		245	1	37	63	39	54	51
$70,000 to $99,999		160	1	17	52	21	45	24
$100,000 to $149,999		273	3	31	76	59	60	44
$150,000 to $199,999		210	-	18	60	52	54	26
$200,000 to $499,999		479	1	37	131	126	109	75
$500,000 to $999,999		120	1	6	42	23	29	19
$1,000,000 to $1,999,999		44	-	2	12	10	13	7
$2,000,000 to $4,999,999		18	-	1	6	5	4	2
$5,000,000 or more		16	-	1	3	5	4	3
VALUE OF MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment	farms	2 023	10	211	532	433	503	334
	$1,000	23 950	120	2 132	6 151	5 904	6 344	3 298
Farms by value group:								
$1 to $4,999		554	1	63	142	108	148	92
$5,000 to $9,999		799	5	81	188	163	210	152
$10,000 to $19,999		362	1	40	118	79	73	51
$20,000 to $49,999		241	3	23	70	63	53	29
$50,000 to $99,999		48	-	2	9	14	14	9
$100,000 to $199,999		15	-	2	5	5	2	1
$200,000 to $499,999		3	-	-	-	1	2	-
$500,000 or more		1	-	-	-	-	1	-
SELECTED MACHINERY AND EQUIPMENT[1]								
Motortrucks, including pickups	farms	1 717	9	172	458	370	424	284
	number	2 334	9	224	603	537	589	372
Wheel tractors	farms	836	2	78	210	207	193	146
	number	1 251	(D)	(D)	304	319	312	208
Less than 40 horsepower (PTO)	farms	646	1	58	164	156	154	113
	number	830	(D)	(D)	199	206	198	148
40 horsepower (PTO) or more	farms	285	2	23	67	73	71	49
	number	421	(D)	(D)	105	113	114	60
Grain and bean combines	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Cottonpickers and strippers	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Mower conditioners	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Pickup balers	farms	3	-	-	-	1	2	-
	number	(D)	-	-	-	(D)	(D)	-
AGRICULTURAL CHEMICALS[1]								
Commercial fertilizer	farms	1 352	4	172	361	275	326	214
	acres on which used	12 522	27	599	3 263	5 312	2 024	1 297
Lime	farms	298	1	52	86	60	61	38
	acres on which used	2 076	(D)	(D)	551	951	303	130
	tons	2 099	(D)	(D)	564	1 042	237	114
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops	farms	654	-	97	166	146	138	107
	acres on which used	2 749	-	308	537	1 264	418	222
Nematodes in crops	farms	205	-	35	52	47	46	25
	acres on which used	612	-	71	159	181	162	39
Diseases in crops and orchards	farms	343	-	59	93	66	69	56
	acres on which used	(D)	-	217	347	404	270	(D)
Weeds, grass, or brush in crops and pasture	farms	1 147	6	140	317	245	283	156
	acres on which used	19 334	543	546	8 190	5 527	2 460	2 068
Chemicals for defoliation or for growth control of crops or thinning of fruit	farms	87	-	6	30	29	16	6
	acres on which used	307	-	16	64	173	37	17

See footnotes at end of table.

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

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

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
TENURE AND RACE OF OPERATOR								
All operators	4 870	2 816	18	290	610	325	717	856
Full owners	2 549	1 393	3	89	236	148	371	546
Part owners	768	478	2	49	116	69	138	104
Tenants	1 553	945	13	152	258	108	208	206
White	1 713	872	2	93	260	103	191	223
Full owners	945	448	1	45	116	51	104	131
Part owners	304	178	-	20	43	22	54	39
Tenants	464	246	1	28	101	30	33	53
Black and other races	3 157	1 944	16	197	350	222	526	633
Full owners	1 604	945	2	44	120	97	267	415
Part owners	464	300	2	29	73	47	84	65
Tenants	1 089	699	12	124	157	78	175	153
OWNED AND RENTED LAND								
Land owned — farms	3 333	1 876	5	138	352	217	509	655
acres	886 170	775 611	37	7 503	186 274	238 224	175 330	168 243
Owned land in farms — farms	3 317	1 871	5	138	352	217	509	650
acres	848 906	741 352	37	7 407	173 418	222 871	170 507	167 112
Land rented or leased from others — farms	2 331	1 431	15	203	375	179	349	310
acres	904 484	733 570	171	3 819	105 256	130 584	322 959	170 781
Rented or leased land in farms — farms	2 321	1 423	15	201	374	177	346	310
acres	872 615	713 207	171	3 801	101 658	125 985	311 065	170 527
Land rented or leased to others — farms	250	143	-	12	27	17	40	47
acres	69 133	54 622	-	114	16 454	19 952	16 717	1 385
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	2 750	1 700	3	141	357	177	446	576
Not on farm operated	1 713	885	14	138	226	124	203	180
Not reported	407	231	1	11	27	24	68	100
Operators by principal occupation:								
Farming	2 816	2 816	18	290	610	325	717	856
Other	2 054	-	-	-	-	-	-	-
Operators by days of work off farm:								
None	1 723	1 473	9	147	283	164	421	449
Any	2 728	924	6	112	277	115	203	211
1 to 99 days	624	353	4	52	116	49	72	60
100 to 199 days	628	225	-	23	62	36	49	55
200 days or more	1 476	346	2	37	99	30	82	96
Not reported	419	419	3	31	50	46	93	196
Operators by years on present farm:								
2 years or less	491	266	8	60	87	36	53	22
3 or 4 years	580	300	6	70	89	40	64	31
5 to 9 years	1 042	556	2	96	186	75	118	79
10 years or more	1 907	1 199	-	31	178	118	348	524
Average years on present farm	13.3	14.9	3.1	5.3	7.8	10.5	16.5	25.0
Not reported	850	495	2	33	70	56	134	200
Operators by age group:								
Under 25 years	28	18	18	-	-	-	-	-
25 to 34 years	505	290	-	290	-	-	-	-
35 to 44 years	1 151	610	-	-	610	-	-	-
45 to 49 years	411	151	-	-	-	151	-	-
50 to 54 years	354	174	-	-	-	174	-	-
55 to 59 years	555	295	-	-	-	-	295	-
60 to 64 years	672	422	-	-	-	-	422	-
65 to 69 years	495	341	-	-	-	-	-	341
70 years and over	699	515	-	-	-	-	-	515
Average age	53.0	54.7	22.4	30.9	39.2	49.3	60.0	72.1
Operators by sex:								
Male	4 210	2 415	17	252	532	288	578	748
Female	660	401	1	38	78	37	139	108
Operators of Spanish origin (see text)	110	54	-	9	17	4	8	16
FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) — farms	4 035	2 256	11	229	444	246	559	767
acres	429 021	351 466	124	5 446	82 292	131 005	83 933	48 666
Partnership — farms	404	244	4	27	75	28	66	44
acres	169 792	113 514	41	986	8 379	68 396	18 622	17 090
Corporation:								
Family held — farms	282	212	2	22	61	33	60	34
acres	542 953	437 192	(D)	(D)	107 313	52 718	209 860	62 703
More than 10 stockholders — farms	5	4	-	1	2	1	-	-
10 or less stockholders — farms	277	208	2	21	59	32	60	34
Other than family held — farms	88	68	-	9	24	13	19	3
acres	356 096	339 655	-	144	76 813	92 373	166 384	3 941
More than 10 stockholders — farms	17	15	-	2	4	1	8	-
10 or less stockholders — farms	71	53	-	7	20	12	11	3
Other—cooperative, estate or trust, institutional, etc. — farms	61	36	1	3	6	5	13	8
acres	223 659	212 732	(D)	(D)	279	4 364	2 773	205 239

See footnotes at end of table.

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

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

Item		Other occupations						
			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		2 054	10	215	541	440	510	338
Full owners		1 156	3	79	253	245	320	256
Part owners		290	-	27	102	70	66	25
Tenants		608	7	109	186	125	124	57
White		841	5	79	268	191	174	124
Full owners		497	1	43	134	120	106	93
Part owners		126	-	8	52	33	21	12
Tenants		218	4	28	82	38	47	19
Black and other races		1 213	5	136	273	249	336	214
Full owners		659	2	36	119	125	214	163
Part owners		164	-	19	50	37	45	13
Tenants		390	3	81	104	87	77	38
OWNED AND RENTED LAND								
Land owned	farms	1 457	3	109	359	318	387	281
	acres	110 559	5	1 057	6 587	77 619	15 777	9 514
Owned land in farms	farms	1 446	3	106	355	315	386	281
	acres	107 554	5	1 054	6 519	77 349	15 248	7 379
Land rented or leased from others	farms	900	7	137	288	195	190	83
	acres	170 914	2 875	2 378	28 683	31 285	53 437	52 256
Rented or leased land in farms	farms	898	7	136	288	195	190	82
	acres	159 408	2 875	2 376	27 062	21 907	53 385	51 803
Land rented or leased to others	farms	107	-	4	25	27	30	21
	acres	14 511	-	5	1 689	9 648	581	2 588
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated		1 050	4	105	302	214	250	175
Not on farm operated		828	6	103	209	187	202	121
Not reported		176	-	7	30	39	58	42
Operators by principal occupation:								
Farming		-	-	-	-	-	-	-
Other		2 054	10	215	541	440	510	338
Operators by days of work off farm:								
None		250	2	18	38	30	50	112
Any		1 804	8	197	503	410	460	226
1 to 99 days		271	2	26	73	55	69	46
100 to 199 days		403	1	45	117	77	103	60
200 days or more		1 130	5	126	313	278	288	120
Not reported		-	-	-	-	-	-	-
Operators by years on present farm:								
2 years or less		225	2	56	77	41	31	18
3 or 4 years		280	2	56	94	62	44	22
5 to 9 years		486	3	63	177	114	97	32
10 years or more		708	-	24	119	145	239	181
Average years on present farm		11.1	4.3	4.9	7.0	9.4	15.2	19.4
Not reported		355	3	16	74	78	99	85
Operators by age group:								
Under 25 years		10	10	-	-	-	-	-
25 to 34 years		215	-	215	-	-	-	-
35 to 44 years		541	-	-	541	-	-	-
45 to 49 years		260	-	-	-	260	-	-
50 to 54 years		180	-	-	-	180	-	-
55 to 59 years		260	-	-	-	-	260	-
60 to 64 years		250	-	-	-	-	250	-
65 to 69 years		154	-	-	-	-	-	154
70 years and over		184	-	-	-	-	-	184
Average age		50.7	22.8	31.2	39.4	48.9	59.4	71.4
Operators by sex:								
Male		1 795	8	190	482	386	443	286
Female		259	2	25	59	54	67	52
Operators of Spanish origin (see text)		56	-	12	14	10	16	4
FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)	farms	1 779	9	182	469	379	448	292
	acres	77 555	(D)	3 188	(D)	9 867	40 205	12 507
Partnership	farms	160	1	24	36	37	31	29
	acres	56 278	(D)	(D)	14 647	31 350	2 213	(D)
Corporation:								
Family held	farms	70	-	5	22	12	19	12
	acres	105 761	-	44	6 683	53 815	4 491	40 728
More than 10 stockholders	farms	1	-	-	-	-	1	-
10 or less stockholders	farms	69	-	5	22	12	18	12
Other than family held	farms	20	-	1	4	6	8	1
	acres	16 441	-	(D)	(D)	4 035	12 286	(D)
More than 10 stockholders	farms	2	-	-	-	2	-	-
10 or less stockholders	farms	18	-	1	4	4	8	1
Other—cooperative, estate or trust, institutional, etc.	farms	25	-	3	8	6	4	4
	acres	10 927	-	30	523	189	9 436	747

See footnotes at end of table.

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

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

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
FARMS BY SIZE								
1 to 9 acres	2 855	1 537	7	149	319	167	373	522
10 to 49 acres	1 401	882	11	115	202	111	223	220
50 to 69 acres	120	79	-	7	22	8	20	22
70 to 99 acres	102	56	-	6	16	6	14	14
100 to 139 acres	81	51	-	3	13	6	9	20
140 to 179 acres	38	25	-	1	7	1	7	9
180 to 219 acres	39	24	-	5	3	2	7	7
220 to 259 acres	13	9	-	-	1	1	6	1
260 to 499 acres	76	49	-	2	7	3	19	18
500 to 999 acres	31	18	-	-	4	2	8	4
1,000 to 1,999 acres	36	25	-	1	4	5	6	9
2,000 acres or more	78	61	-	1	12	13	25	10
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	-	-	-	-	-	-	-	-
Field crops, except cash grains (013)	398	232	2	36	53	32	60	49
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	398	232	2	36	53	32	60	49
Vegetables and melons (016)	551	423	3	46	97	55	124	98
Fruits and tree nuts (017)	1 713	945	10	96	207	79	227	326
Horticultural specialties (018)	1 011	631	2	74	158	94	123	180
General farms, primarily crop (019)	23	14	-	-	9	1	2	2
Livestock, except dairy, poultry, and animal specialties (021)	977	477	1	32	51	50	157	186
Beef cattle, except feedlots (0212)	662	308	-	17	26	37	97	131
Dairy farms (024)	22	20	-	1	4	6	5	4
Poultry and eggs (025)	44	31	-	3	6	6	10	6
Animal specialties (027)	99	30	-	2	20	2	5	1
General farms, primarily livestock and animal specialties (029)	32	13	-	-	5	-	4	4
LIVESTOCK								
Cattle and calves inventory — farms	1 003	490	2	29	76	64	138	181
— number	211 045	182 132	(D)	(D)	34 615	22 418	46 845	76 049
Farms with—								
1 to 9	344	148	2	9	39	22	24	52
10 to 49	386	158	-	8	16	19	48	67
50 to 99	102	61	-	7	3	3	19	29
100 to 199	70	43	-	3	4	4	21	11
200 to 499	40	31	-	1	4	6	10	10
500 or more	61	49	-	1	10	10	16	12
Cows and heifers that had calved — farms	769	394	-	23	52	46	124	149
— number	95 263	81 666	-	1 190	12 174	10 664	25 525	32 113
Beef cows — farms	724	361	-	23	43	38	117	140
— number	83 427	70 953	-	1 190	10 104	7 144	22 158	30 357
Farms with—								
1 to 9	321	129	-	5	22	13	35	54
10 to 49	267	134	-	12	10	11	41	60
50 to 99	54	34	-	3	1	5	17	8
100 to 199	26	22	-	2	2	3	10	5
200 to 499	23	12	-	1	2	1	2	6
500 or more	33	30	-	-	6	5	12	7
Milk cows — farms	73	46	-	-	11	13	12	10
— number	11 836	10 713	-	-	2 070	3 520	3 367	1 756
Farms with—								
1 to 4	49	25	-	-	7	7	6	5
5 to 9	4	3	-	-	-	1	1	1
10 to 49	-	-	-	-	-	-	-	-
50 to 99	2	2	-	-	-	1	-	1
100 to 199	2	2	-	-	2	-	-	-
200 to 499	8	7	-	-	1	2	3	1
500 or more	8	7	-	-	1	2	2	2
Heifers and heifer calves — farms	753	390	1	19	55	51	123	141
— number	61 394	53 396	(D)	(D)	11 641	6 933	11 780	22 488
Steers, steer calves, bulls, and bull calves — farms	865	434	1	27	58	57	132	159
— number	54 388	47 070	(D)	(D)	10 800	4 821	9 540	21 448
Cattle and calves sold — farms	807	405	-	22	43	53	122	165
— number	101 315	85 849	-	1 116	33 701	7 334	16 249	27 449
— $1,000	43 881	38 690	-	381	18 506	2 488	5 426	11 889
Calves — farms	391	200	-	13	23	21	65	78
— number	16 199	11 253	-	263	2 230	1 406	4 603	2 751
— $1,000	3 654	2 393	-	53	516	211	1 073	541
Cattle — farms	609	316	-	19	33	43	90	131
— number	85 116	74 596	-	853	31 471	5 928	11 646	24 698
— $1,000	40 226	36 297	-	328	17 991	2 277	4 353	11 348
Fattened on grain and concentrates — farms	87	41	-	2	6	5	6	22
— number	42 295	39 602	-	(D)	(D)	160	154	14 238
— $1,000	24 594	23 283	-	(D)	(D)	126	117	8 017

See footnotes at end of table.

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

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

Item	Other occupations						
		Age of operator (years)					
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
FARMS BY SIZE							
1 to 9 acres	1 318	6	163	331	271	316	231
10 to 49 acres	519	1	40	152	127	135	64
50 to 69 acres	41	2	2	10	9	10	8
70 to 99 acres	46	-	4	15	9	10	8
100 to 139 acres	30	-	2	11	4	6	7
140 to 179 acres	13	-	-	3	4	5	1
180 to 219 acres	15	-	-	2	2	7	4
220 to 259 acres	4	-	-	1	-	3	-
260 to 499 acres	27	-	4	4	5	5	9
500 to 999 acres	13	-	-	6	2	3	2
1,000 to 1,999 acres	11	-	-	3	3	4	1
2,000 acres or more	17	1	-	3	4	6	3
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)	-	-	-	-	-	-	-
Field crops, except cash grains (013)	166	-	31	38	39	41	17
Cotton (0131)	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	166	-	31	38	39	41	17
Vegetables and melons (016)	128	-	18	33	24	21	32
Fruits and tree nuts (017)	768	3	86	204	163	201	111
Horticultural specialties (018)	380	2	47	92	76	86	77
General farms, primarily crop (019)	9	-	3	2	1	1	2
Livestock, except dairy, poultry, and animal specialties (021)	500	3	21	142	110	138	86
Beef cattle, except feedlots (0212)	354	3	19	103	76	88	65
Dairy farms (024)	2	-	-	1	-	1	-
Poultry and eggs (025)	13	-	-	5	2	3	3
Animal specialties (027)	69	2	7	22	17	13	8
General farms, primarily livestock and animal specialties (029)	19	-	2	2	8	5	2
LIVESTOCK							
Cattle and calves inventory — farms	513	3	27	153	110	134	86
— number	28 913	48	602	6 393	3 542	9 955	8 373
Farms with—							
1 to 9	196	1	7	55	54	45	34
10 to 49	228	2	17	72	44	63	30
50 to 99	41	-	2	14	4	12	9
100 to 199	27	-	1	7	3	8	8
200 to 499	9	-	-	3	4	1	1
500 or more	12	-	-	2	1	5	4
Cows and heifers that had calved — farms	375	3	25	110	72	97	68
— number	13 597	27	250	2 866	1 363	4 393	4 698
Beef cows — farms	363	3	24	105	72	96	63
— number	12 474	27	(D)	(D)	1 357	3 516	4 687
Farms with—							
1 to 9	192	1	15	57	43	47	29
10 to 49	133	2	9	41	24	35	22
50 to 99	20	-	-	3	2	9	6
100 to 199	4	-	-	2	-	1	1
200 to 499	11	-	-	1	3	3	4
500 or more	3	-	-	1	-	1	1
Milk cows — farms	27	-	1	12	3	4	7
— number	1 123	-	(D)	(D)	6	877	11
Farms with—							
1 to 4	24	-	1	10	3	3	7
5 to 9	1	-	-	1	-	-	-
10 to 49	-	-	-	-	-	-	-
50 to 99	-	-	-	-	-	-	-
100 to 199	-	-	-	-	-	-	-
200 to 499	1	-	-	1	-	-	-
500 or more	1	-	-	-	-	1	-
Heifers and heifer calves — farms	363	2	19	107	80	90	65
— number	7 998	(D)	(D)	2 005	776	3 045	1 994
Steers, steer calves, bulls, and bull calves — farms	431	3	19	123	91	119	76
— number	7 318	(D)	(D)	1 522	1 403	2 517	1 681
Cattle and calves sold — farms	402	2	25	119	79	109	68
— number	15 466	(D)	(D)	2 465	4 392	4 041	4 341
— $1,000	5 191	(D)	(D)	809	1 588	1 490	1 237
Calves — farms	191	1	13	60	36	43	38
— number	4 946	(D)	(D)	1 508	1 713	957	693
— $1,000	1 261	(D)	(D)	364	488	236	155
Cattle — farms	293	1	18	84	59	88	43
— number	10 520	(D)	(D)	957	2 679	3 084	3 648
— $1,000	3 930	(D)	(D)	445	1 100	1 254	1 082
Fattened on grain and concentrates — farms	46	-	4	13	10	12	7
— number	2 693	-	5	61	243	773	1 611
— $1,000	1 311	-	2	28	116	413	751

See footnotes at end of table.

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

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

Item	Total farming and other occupations	Farming						
		Total	Age of operator (years)					
			Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
LIVESTOCK—Con.								
Hogs and pigs inventory ..... farms	372	203	2	15	45	26	69	46
..... number	47 564	40 534	(D)	(D)	6 754	2 446	13 652	13 590
Farms with—								
1 to 24	198	88	1	7	24	14	22	20
25 to 49	50	25	-	-	8	3	6	8
50 to 99	39	18	-	1	3	3	6	5
100 to 199	33	26	1	2	2	3	14	4
200 to 499	31	27	-	3	5	2	13	4
500 or more	21	19	-	2	3	1	8	5
Used or to be used for breeding ..... farms	255	146	1	11	27	13	55	39
..... number	6 696	5 322	(D)	(D)	1 009	344	1 803	1 514
Other ..... farms	349	196	2	13	41	25	69	46
..... number	40 868	35 212	(D)	(D)	5 745	2 102	11 849	12 076
Hogs and pigs sold ..... farms	307	172	2	15	27	20	64	44
..... number	69 019	57 247	(D)	(D)	9 519	7 654	16 063	17 583
..... $1,000	10 371	8 792	(D)	(D)	1 178	1 390	2 437	2 864
Feeder pigs ..... farms	60	26	-	3	8	4	3	8
..... number	3 267	1 071	-	70	612	108	49	232
..... $1,000	199	59	-	3	38	4	2	11
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ..... farms	261	150	1	13	27	14	56	39
..... number	9 601	7 809	(D)	(D)	1 208	513	2 445	2 446
Dec. 1 and May 31 ..... farms	245	140	1	13	25	12	53	36
..... number	4 931	4 044	(D)	(D)	642	250	1 250	1 205
June 1 and Nov. 30 ..... farms	220	132	1	11	22	13	52	33
..... number	4 670	3 765	(D)	(D)	566	263	1 195	1 241
Sheep and lambs of all ages inventory ..... farms	42	22	-	1	7	6	6	2
..... number	21 908	(D)	-	(D)	(D)	116	(D)	(D)
Ewes 1 year old or older ..... farms	33	16	-	-	5	4	5	2
..... number	10 983	(D)	-	-	(D)	(D)	(D)	(D)
Sheep and lambs sold ..... farms	26	17	-	1	6	3	5	2
..... number	(D)	(D)	-	(D)	(D)	5	756	(D)
Sheep and lambs shorn ..... farms	15	10	-	-	4	2	4	-
..... number	3 196	3 150	-	-	(D)	(D)	1 708	-
..... pounds of wool	39 997	39 640	-	-	(D)	(D)	11 370	-
Horses and ponies inventory ..... farms	537	251	-	20	50	36	71	74
..... number	3 551	2 014	-	131	296	334	577	676
Horses and ponies sold ..... farms	63	29	-	1	9	11	5	3
..... number	236	138	-	(D)	(D)	16	34	48
Goats inventory ..... farms	74	25	-	4	8	2	7	4
..... number	938	350	-	14	(D)	(D)	154	32
Goats sold ..... farms	34	14	-	1	6	2	2	3
..... number	436	119	-	(D)	46	(D)	(D)	13
POULTRY								
Chickens 3 months old or older inventory ..... farms	181	93	-	8	33	11	18	23
..... number	(D)	(D)	-	68 961	114 875	197 832	(D)	43 326
Farms with—								
1 to 399	159	74	-	7	27	9	11	20
400 to 3,199	8	6	-	-	4	1	-	1
3,200 to 9,999	-	-	-	-	-	-	-	-
10,000 to 19,999	2	2	-	-	-	-	1	1
20,000 to 49,999	5	5	-	-	1	-	3	1
50,000 to 99,999	4	3	-	1	1	-	1	-
100,000 or more	3	3	-	-	-	1	2	-
Hens and pullets of laying age ..... farms	177	90	-	8	33	11	17	21
..... number	(D)	(D)	-	68 961	109 969	166 810	(D)	40 250
Pullets 3 months old or older not of laying age ..... farms	53	27	-	-	11	3	5	8
..... number	118 012	107 712	-	-	4 906	31 022	68 708	3 076
Hens and pullets sold ..... farms	31	21	-	1	5	5	7	3
..... number	824 182	808 704	-	(D)	(D)	380 133	344 056	15 020
Broilers and other meat-type chickens sold ..... farms	12	10	1	-	4	1	2	2
..... number	2 069 316	(D)	(D)	-	411 509	(D)	(D)	(D)
Farms with—								
1 to 1,999	6	5	1	-	2	1	-	1
2,000 to 59,999	-	-	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-	-	-
100,000 or more	6	5	-	-	2	-	2	1
Turkey hens kept for breeding ..... farms	4	4	-	-	3	1	-	-
..... number	10	10	-	-	(D)	(D)	-	-
Turkeys sold ..... farms	-	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-	-

See footnotes at end of table.

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

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

Item	Other occupations						
		Age of operator (years)					
	Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
LIVESTOCK—Con.							
Hogs and pigs inventory ..... farms	169	1	6	49	40	47	26
number	7 030	(D)	(D)	1 577	1 685	3 134	611
Farms with—							
1 to 24	110	1	6	34	25	28	16
25 to 49	25	-	-	3	7	9	6
50 to 99	21	-	-	8	7	3	3
100 to 199	7	-	-	2	-	4	1
200 to 499	4	-	-	2	-	2	-
500 or more	2	-	-	-	1	1	-
Used or to be used for breeding ..... farms	109	-	2	30	25	37	15
number	1 374	-	(D)	(D)	401	506	81
Other ..... farms	153	1	6	42	36	44	24
number	5 656	(D)	(D)	(D)	1 284	2 628	530
Hogs and pigs sold ..... farms	135	-	2	40	32	42	19
number	11 772	-	(D)	(D)	3 918	3 881	672
$1,000	1 578	-	(D)	(D)	563	597	77
Feeder pigs ..... farms	34	-	-	17	7	8	2
number	2 196	-	-	1 099	815	(D)	(D)
$1,000	140	-	-	48	81	(D)	(D)
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 ..... farms	111	-	2	32	25	37	15
number	1 792	-	(D)	(D)	627	584	112
Dec. 1 and May 31 ..... farms	105	-	2	31	24	33	15
number	887	-	(D)	(D)	295	296	57
June 1 and Nov. 30 ..... farms	88	-	1	25	20	29	13
number	905	-	(D)	(D)	332	288	55
Sheep and lambs of all ages inventory ..... farms	20	-	2	4	9	3	2
number	(D)	-	(D)	274	91	28	(D)
Ewes 1 year old or older ..... farms	17	-	2	3	8	3	1
number	(D)	-	(D)	(D)	(D)	18	(D)
Sheep and lambs sold ..... farms	9	-	-	1	6	2	-
number	(D)	-	-	(D)	21	(D)	-
Sheep and lambs shorn ..... farms	5	-	-	1	4	-	-
number	46	-	-	(D)	(D)	-	-
pounds of wool	357	-	-	(D)	(D)	-	-
Horses and ponies inventory ..... farms	286	1	21	100	69	58	37
number	1 537	(D)	(D)	511	350	328	292
Horses and ponies sold ..... farms	34	-	3	9	10	8	4
number	98	-	4	24	41	19	10
Goats inventory ..... farms	49	-	5	15	13	7	9
number	588	-	88	118	56	74	252
Goats sold ..... farms	20	-	3	6	3	3	5
number	317	-	31	40	13	16	217
POULTRY							
Chickens 3 months old or older inventory ..... farms	88	1	6	32	26	12	11
number	81 890	(D)	(D)	763	79 630	139	1 287
Farms with—							
1 to 399	85	1	6	32	25	12	9
400 to 3,199	2	-	-	-	-	-	2
3,200 to 9,999	-	-	-	-	-	-	-
10,000 to 19,999	-	-	-	-	-	-	-
20,000 to 49,999	-	-	-	-	-	-	-
50,000 to 99,999	1	-	-	-	1	-	-
100,000 or more	-	-	-	-	-	-	-
Hens and pullets of laying age ..... farms	87	1	6	32	25	12	11
number	71 590	(D)	(D)	602	69 525	139	1 274
Pullets 3 months old or older not of laying age ..... farms	26	1	2	11	9	-	3
number	10 300	(D)	(D)	161	10 105	-	13
Hens and pullets sold ..... farms	10	-	-	3	2	2	3
number	15 478	-	-	221	(D)	(D)	67
Broilers and other meat-type chickens sold ..... farms	2	-	-	1	-	-	1
number	(D)	-	-	(D)	-	-	(D)
Farms with—							
1 to 1,999	1	-	-	1	-	-	-
2,000 to 59,999	-	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-	-
100,000 or more	1	-	-	-	-	-	1
Turkey hens kept for breeding ..... farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Turkeys sold ..... farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-

See footnotes at end of table.

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

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

Item		Total farming and other occupations	Farming						
			Total	Age of operator (years)					
				Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
CROPS HARVESTED									
Sugarcane for sugar	farms	79	52	-	2	8	10	20	12
	acres	79 234	78 971	-	(D)	(D)	14 823	43 111	243
	tons	7 934 181	7 911 444	-	(D)	(D)	1 432 502	4 539 899	18 678
Irrigated	farms	17	16	-	2	4	2	7	1
	acres	49 121	(D)	-	(D)	6 833	(D)	36 389	(D)
Pineapples harvested	farms	18	18	-	1	3	3	7	4
	acres	22 262	22 262	-	(D)	(D)	4 559	14 031	531
	tons	683 182	683 182	-	(D)	(D)	183 308	398 076	14 780
Irrigated	farms	9	9	-	-	2	2	4	1
	acres	19 674	19 674	-	-	(D)	(D)	13 999	(D)
Vegetables harvested for sale (see text)	farms	710	522	3	58	136	64	145	116
	acres	5 587	5 114	30	545	2 002	669	1 195	672
Irrigated	farms	552	428	3	43	119	53	119	91
	acres	5 045	4 724	30	502	1 931	650	1 041	569
Farms by acres harvested:									
0.1 to 4.9 acres		499	332	1	27	74	37	96	97
5.0 to 24.9 acres		156	138	2	26	45	16	35	14
25.0 to 99.9 acres		50	47	-	5	14	11	13	4
100.0 to 249.9 acres		3	3	-	-	2	-	1	-
250.0 acres or more		2	2	-	-	1	-	-	1
Land in orchards	farms	2 128	1 188	10	123	273	111	269	402
	acres	33 564	23 702	98	1 182	6 641	8 077	5 628	2 077
Irrigated	farms	576	365	1	29	102	35	87	111
	acres	6 704	6 117	(D)	(D)	2 307	2 800	579	289
Farms by bearing and nonbearing acres:									
0.1 to 4.9 acres		1 217	601	1	45	116	49	130	260
5.0 to 24.9 acres		821	515	9	69	129	53	121	134
25.0 to 99.9 acres		69	58	-	9	23	5	14	7
100.0 to 249.9 acres		6	3	-	-	1	-	1	1
250.0 acres or more		15	11	-	-	4	4	3	-

See footnotes at end of table.

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

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

Item		Other occupations						
			Age of operator (years)					
		Total	Under 25	25 to 34	35 to 44	45 to 54	55 to 64	65 and over
CROPS HARVESTED								
Sugarcane for sugar	farms	27	-	2	1	6	11	7
	acres	263	-	(D)	(D)	86	124	44
	tons	22 737	-	(D)	(D)	7 226	11 376	3 077
Irrigated	farms	1	-	-	1	-	-	-
	acres	(D)	-	-	(D)	-	-	-
Pineapples harvested	farms	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-
	tons	-	-	-	-	-	-	-
Irrigated	farms	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-
Vegetables harvested for sale (see text)	farms	188	-	32	48	38	31	39
	acres	473	-	111	117	84	76	84
Irrigated	farms	124	-	14	36	28	20	26
	acres	321	-	30	105	76	60	49
Farms by acres harvested:								
0.1 to 4.9 acres		167	-	28	43	36	26	34
5.0 to 24.9 acres		18	-	3	4	1	5	5
25.0 to 99.9 acres		3	-	1	1	1	-	-
100.0 to 249.9 acres		-	-	-	-	-	-	-
250.0 acres or more		-	-	-	-	-	-	-
Land in orchards	farms	940	3	106	253	199	238	141
	acres	9 862	506	410	2 227	4 903	1 301	516
Irrigated	farms	211	-	27	66	42	40	36
	acres	586	-	68	204	120	112	82
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres		616	2	80	164	118	155	97
5.0 to 24.9 acres		306	-	26	81	75	80	44
25.0 to 99.9 acres		11	-	-	5	4	2	-
100.0 to 249.9 acres		3	-	-	2	1	-	-
250.0 acres or more		4	1	-	1	1	1	-

[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 Size of Farm: 1987**

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

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
FARMS AND LAND IN FARMS						
Farms ..... number	4 870	2 855	1 401	120	102	81
..... percent	100.0	58.6	28.8	2.5	2.1	1.7
Land in farms ..... acres	1 721 521	10 320	28 037	6 829	8 135	9 210
Average size of farm ..... acres	353	4	20	57	80	114
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD						
Total sales (see text) ..... farms	4 870	2 855	1 401	120	102	81
..... $1,000	609 740	56 350	74 165	8 290	16 154	19 738
Average per farm ..... dollars	125 203	19 737	52 937	69 083	158 368	243 682
Farms by value of sales:						
Less than $1,000 (see text)	650	374	219	15	12	9
$1,000 to $2,499	752	531	162	16	10	9
$2,500 to $4,999	674	448	150	22	16	12
$5,000 to $9,999	745	526	136	14	19	16
$10,000 to $19,999	685	437	172	9	10	14
$20,000 to $24,999	226	120	78	5	1	1
$25,000 to $39,999	358	173	156	7	4	7
$40,000 to $49,999	118	51	60	2	-	1
$50,000 to $99,999	287	109	130	10	11	-
$100,000 to $249,999	195	51	87	11	8	5
$250,000 to $499,999	83	17	36	5	6	4
$500,000 to $999,999	36	17	4	2	-	1
$1,000,000 or more	61	1	11	2	5	2
Grains ..... farms	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-
Corn for grain ..... farms	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-
Wheat ..... farms	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-
Soybeans ..... farms	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-
Sorghum for grain ..... farms	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-
Barley ..... farms	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-
Oats ..... farms	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-
Other grains ..... farms	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-
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	7	1	1	-	-	-
..... $1,000	630	(D)	(D)	-	-	-
Sales of $50,000 or more ..... farms	1	-	-	-	-	-
..... $1,000	(D)	-	-	-	-	-
Vegetables, sweet corn, and melons ..... farms	708	436	229	20	9	7
..... $1,000	25 790	5 602	12 326	2 673	1 292	1 163
Sales of $50,000 or more ..... farms	114	20	76	10	4	2
..... $1,000	19 352	1 626	10 213	2 544	1 260	(D)
Fruits, nuts, and berries ..... farms	1 747	1 073	558	34	20	14
..... $1,000	157 332	7 498	11 252	1 186	1 170	556
Sales of $50,000 or more ..... farms	95	2	45	7	8	3
..... $1,000	141 644	(D)	3 725	794	1 072	418
Nursery and greenhouse crops ..... farms	1 139	849	248	15	14	1
..... $1,000	56 527	22 525	21 253	3 408	8 150	(D)
Sales of $50,000 or more ..... farms	224	116	86	6	11	-
..... $1,000	47 869	16 104	19 294	3 295	8 091	-
Other crops ..... farms	497	286	161	12	8	4
..... $1,000	258 037	3 607	4 306	344	828	575
Sales of $50,000 or more ..... farms	66	10	27	2	5	2
..... $1,000	253 056	783	2 411	(D)	774	(D)
Poultry and poultry products ..... farms	99	62	29	-	2	3
..... $1,000	21 009	7 068	12 545	-	(D)	25
Sales of $50,000 or more ..... farms	23	13	9	-	-	-
..... $1,000	20 835	6 954	(D)	-	-	-
Dairy products ..... farms	23	6	4	-	2	1
..... $1,000	31 299	3 042	7 769	-	(D)	(D)
Sales of $50,000 or more ..... farms	20	5	3	-	1	1
..... $1,000	31 266	(D)	(D)	-	(D)	(D)
Cattle and calves ..... farms	807	123	285	57	62	56
..... $1,000	43 881	217	1 005	226	464	15 457
Sales of $50,000 or more ..... farms	74	-	3	-	1	1
..... $1,000	40 341	-	394	-	(D)	(D)

See footnotes at end of table.

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

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

Item	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	38	39	13	76	31	36	78
..... percent	.8	.8	.3	1.6	.6	.7	1.6
Land in farms ..... acres	5 846	7 686	3 179	26 004	19 935	49 051	1 547 289
Average size of farm ..... acres	154	197	245	342	643	1 363	19 837
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... farms	38	39	13	76	31	36	78
..... $1,000	2 415	3 699	295	10 065	8 797	11 990	397 782
Average per farm ..... dollars	63 544	94 834	22 707	132 440	283 765	333 062	5 099 774
Farms by value of sales:							
Less than $1,000 (see text)	4	2	2	9	1	1	2
$1,000 to $2,499	9	5	-	6	2	2	-
$2,500 to $4,999	4	5	2	12	2	1	-
$5,000 to $9,999	3	8	2	13	5	2	1
$10,000 to $19,999	6	6	3	16	4	3	5
$20,000 to $24,999	2	2	3	6	4	3	1
$25,000 to $39,999	2	1	-	2	-	2	4
$40,000 to $49,999	-	1	-	-	1	1	1
$50,000 to $99,999	4	2	-	3	5	9	4
$100,000 to $249,999	-	3	1	3	3	4	19
$250,000 to $499,999	2	2	-	2	-	1	8
$500,000 to $999,999	2	1	-	1	1	1	6
$1,000,000 or more	-	1	-	3	3	6	27
Grains ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
Corn for grain ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
Wheat ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
Soybeans ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
Sorghum for grain ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
Barley ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
Oats ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
Other grains ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
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	2	-	-	1	-	-	2
..... $1,000	(D)	-	-	(D)	-	-	(D)
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	1
..... $1,000	-	-	-	-	-	-	(D)
Vegetables, sweet corn, and melons ..... farms	-	2	-	2	1	-	2
..... $1,000	-	(D)	-	(D)	(D)	-	(D)
Sales of $50,000 or more ..... farms	-	1	-	-	1	-	-
..... $1,000	-	(D)	-	-	(D)	-	-
Fruits, nuts, and berries ..... farms	8	6	-	7	6	7	14
..... $1,000	1 314	614	-	2 603	1 048	2 667	127 423
Sales of $50,000 or more ..... farms	5	3	-	4	3	3	12
..... $1,000	1 303	571	-	2 596	984	2 596	(D)
Nursery and greenhouse crops ..... farms	2	2	-	2	-	-	6
..... $1,000	(D)	(D)	-	(D)	-	-	251
Sales of $50,000 or more ..... farms	2	-	-	1	-	-	2
..... $1,000	(D)	-	-	(D)	-	-	(D)
Other crops ..... farms	4	5	2	2	-	-	13
..... $1,000	97	536	(D)	(D)	-	-	245 567
Sales of $50,000 or more ..... farms	1	3	1	2	-	-	13
..... $1,000	(D)	(D)	(D)	(D)	-	-	245 567
Poultry and poultry products ..... farms	-	-	-	-	1	1	1
..... $1,000	-	-	-	-	(D)	(D)	(D)
Sales of $50,000 or more ..... farms	-	-	-	-	-	1	-
..... $1,000	-	-	-	-	-	(D)	-
Dairy products ..... farms	-	-	-	2	2	5	1
..... $1,000	-	-	-	(D)	(D)	(D)	(D)
Sales of $50,000 or more ..... farms	-	-	-	2	2	5	1
..... $1,000	-	-	-	(D)	(D)	(D)	(D)
Cattle and calves ..... farms	22	27	9	57	25	30	54
..... $1,000	125	273	90	922	986	1 922	22 194
Sales of $50,000 or more ..... farms	-	1	-	4	7	16	41
..... $1,000	-	(D)	-	384	775	1 680	21 889

See footnotes at end of table.

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

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

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.						
Total sales (see text)—Con.						
Hogs and pigs ..... farms	307	215	67	6	2	8
$1,000	10 371	6 098	2 956	226	(D)	390
Sales of $50,000 or more ..... farms	45	28	12	2	-	2
$1,000	8 359	4 540	2 643	(D)	-	(D)
Sheep, lambs, and wool ..... farms	27	5	9	-	3	2
$1,000	105	(D)	(D)	-	2	(D)
Sales of $50,000 or more ..... farms	1	-	-	-	-	-
$1,000	(D)	-	-	-	-	-
Other livestock and livestock products (see text) ..... farms	148	57	47	5	4	5
$1,000	4 759	693	738	228	11	1 412
Sales of $50,000 or more ..... farms	10	2	3	2	-	2
$1,000	4 097	(D)	540	(D)	-	(D)
FARM PRODUCTION EXPENSES[1]						
Total farm production expenses ..... farms	4 868	2 854	1 404	120	102	81
$1,000	495 759	38 360	58 064	6 627	12 744	17 641
Average per farm ..... dollars	101 840	13 441	41 356	55 222	124 942	217 796
Livestock and poultry purchased ..... farms	589	218	187	17	31	33
$1,000	15 230	2 223	2 044	66	76	7 431
Farms with expenses of—						
$1 to $4,999	444	174	162	11	27	28
$5,000 to $24,999	84	23	13	6	4	3
$25,000 to $99,999	40	15	5	-	-	1
$100,000 or more	21	6	7	-	-	1
Feed for livestock and poultry ..... farms	945	385	275	43	41	45
$1,000	42 629	7 776	11 991	168	2 195	4 495
Farms with expenses of—						
$1 to $4,999	744	301	232	39	39	40
$5,000 to $24,999	97	44	19	1	1	2
$25,000 to $99,999	44	20	9	3	-	-
$100,000 or more	60	20	15	-	1	3
Commercially mixed formula feeds ..... farms	358	157	98	13	13	14
$1,000	19 012	5 486	8 009	109	465	272
Farms with expenses of—						
$1 to $4,999	256	112	77	10	12	10
$5,000 to $24,999	37	17	6	1	-	3
$25,000 to $79,999	21	11	4	2	-	-
$80,000 or more	44	17	11	-	1	1
Seeds, bulbs, plants, and trees ..... farms	1 484	910	462	30	23	13
$1,000	12 316	1 462	2 131	284	117	18
Farms with expenses of—						
$1 to $999	1 077	748	283	13	13	8
$1,000 to $4,999	289	111	143	14	6	4
$5,000 to $24,999	83	43	23	1	2	1
$25,000 or more	35	8	13	2	2	-
Commercial fertilizer ..... farms	3 524	2 215	1 040	67	60	30
$1,000	30 717	1 724	3 019	572	445	207
Farms with expenses of—						
$1 to $4,999	3 200	2 190	871	40	36	21
$5,000 to $24,999	263	23	162	21	22	5
$25,000 to $49,999	25	2	6	4	-	4
$50,000 or more	36	-	1	2	2	-
Agricultural chemicals ..... farms	3 881	2 374	1 155	83	70	53
$1,000	18 233	1 474	2 316	489	372	150
Farms with expenses of—						
$1 to $4,999	3 634	2 348	1 051	61	46	43
$5,000 to $24,999	205	26	101	17	21	10
$25,000 to $49,999	13	-	1	3	3	-
$50,000 or more	29	-	2	2	-	-
Petroleum products ..... farms	4 503	2 619	1 300	109	102	76
$1,000	17 197	1 819	1 959	272	352	202
Farms with expenses of—						
$1 to $4,999	4 242	2 581	1 232	95	79	66
$5,000 to $24,999	218	38	66	13	20	8
$25,000 to $49,999	17	-	1	1	3	2
$50,000 or more	26	-	1	-	-	-
Gasoline and gasohol ..... farms	4 151	2 426	1 183	102	93	67
$1,000	6 379	1 410	1 405	153	224	86
Diesel fuel ..... farms	1 468	630	524	58	47	36
$1,000	8 560	235	366	100	82	73
Natural gas ..... farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms	2 782	1 408	913	85	79	54
$1,000	2 258	174	187	20	46	43

See footnotes at end of table.

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

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

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.							
Total sales (see text)—Con.							
Hogs and pigs ..... farms	2	1	2	1	2	-	1
$1,000	(D)	(D)	(D)	(D)	(D)	-	(D)
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	1
$1,000	-	-	-	-	-	-	(D)
Sheep, lambs, and wool ..... farms	1	1	-	1	2	-	3
$1,000	(D)	(D)	-	(D)	(D)	-	95
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	1
$1,000	-	-	-	-	-	-	(D)
Other livestock and livestock products (see text) ..... farms	-	4	-	-	7	5	14
$1,000	-	1 505	-	-	21	40	111
Sales of $50,000 or more ..... farms	-	1	-	-	-	-	-
$1,000	-	(D)	-	-	-	-	-
FARM PRODUCTION EXPENSES[1]							
Total farm production expenses ..... farms	37	39	13	74	31	36	77
$1,000	2 421	3 711	458	8 215	9 219	12 124	326 175
Average per farm ..... dollars	65 424	95 144	35 239	111 013	297 382	336 779	4 236 034
Livestock and poultry purchased ..... farms	6	8	4	24	11	16	34
$1,000	57	29	21	228	255	454	2 345
Farms with expenses of—							
$1 to $4,999	1	7	2	15	5	6	6
$5,000 to $24,999	5	1	2	7	3	5	12
$25,000 to $99,999	-	-	-	2	3	3	11
$100,000 or more	-	-	-	-	-	2	5
Feed for livestock and poultry ..... farms	17	11	8	29	19	26	46
$1,000	19	245	32	2 195	3 221	3 850	6 441
Farms with expenses of—							
$1 to $4,999	17	10	7	25	10	13	11
$5,000 to $24,999	-	-	1	1	4	6	18
$25,000 to $99,999	-	-	-	2	3	1	6
$100,000 or more	-	1	-	1	2	6	11
Commercially mixed formula feeds ..... farms	4	2	3	9	10	13	22
$1,000	(D)	(D)	(D)	537	1 147	1 652	1 096
Farms with expenses of—							
$1 to $4,999	4	1	3	7	6	6	8
$5,000 to $24,999	-	-	-	-	-	1	9
$25,000 to $79,999	-	-	-	1	2	-	1
$80,000 or more	-	1	-	1	2	6	4
Seeds, bulbs, plants, and trees ..... farms	6	6	1	11	3	2	17
$1,000	163	48	(D)	35	46	(D)	8 006
Farms with expenses of—							
$1 to $999	1	1	-	5	-	1	4
$1,000 to $4,999	3	1	1	4	-	1	1
$5,000 to $24,999	1	3	-	2	3	-	4
$25,000 or more	1	1	-	-	-	-	8
Commercial fertilizer ..... farms	14	14	4	22	11	11	36
$1,000	119	220	10	333	243	511	23 315
Farms with expenses of—							
$1 to $4,999	5	6	3	13	4	5	6
$5,000 to $24,999	8	6	1	4	4	3	4
$25,000 to $49,999	1	1	-	2	1	-	4
$50,000 or more	-	1	-	3	2	3	22
Agricultural chemicals ..... farms	18	22	6	23	13	18	46
$1,000	191	101	14	267	162	92	12 606
Farms with expenses of—							
$1 to $4,999	9	17	6	14	9	13	17
$5,000 to $24,999	6	4	-	6	2	5	7
$25,000 to $49,999	3	1	-	1	1	-	-
$50,000 or more	-	-	-	2	1	-	22
Petroleum products ..... farms	36	36	13	70	30	35	77
$1,000	103	139	15	248	190	259	11 639
Farms with expenses of—							
$1 to $4,999	31	29	13	60	21	20	15
$5,000 to $24,999	4	6	-	8	7	13	35
$25,000 to $49,999	1	1	-	1	1	2	4
$50,000 or more	-	-	-	1	1	-	23
Gasoline and gasohol ..... farms	35	33	12	67	27	33	73
$1,000	35	79	10	153	102	118	2 605
Diesel fuel ..... farms	20	16	6	25	16	25	65
$1,000	53	49	3	60	76	87	7 376
Natural gas ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms	28	28	8	50	24	29	76
$1,000	15	12	2	35	12	54	1 657

See footnotes at end of table.

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

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

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
FARM PRODUCTION EXPENSES[1] —Con.						
Total farm production expenses—Con.						
Electricity ..... farms	1 868	1 022	584	54	46	26
$1,000	5 611	622	779	67	176	339
Farms with expenses of—						
$1 to $999	1 436	883	440	31	24	12
$1,000 to $4,999	316	120	113	19	14	9
$5,000 to $24,999	79	18	28	4	6	2
$25,000 or more	37	1	3	-	2	3
Hired farm labor ..... farms	1 224	510	454	37	37	20
$1,000	193 230	6 835	14 820	2 232	4 707	2 311
Farms with expenses of—						
$1 to $4,999	550	308	193	8	6	5
$5,000 to $24,999	311	125	139	5	5	4
$25,000 to $99,999	234	65	87	16	16	7
$100,000 or more	129	12	35	8	10	4
Contract labor ..... farms	768	371	305	20	9	9
$1,000	5 885	1 200	1 614	148	179	149
Farms with expenses of—						
$1 to $999	223	147	64	3	1	1
$1,000 to $4,999	334	155	148	9	3	4
$5,000 to $24,999	178	65	85	6	3	2
$25,000 or more	33	4	8	2	2	2
Repair and maintenance ..... farms	3 612	2 013	1 110	90	79	66
$1,000	25 557	1 926	2 507	352	578	368
Farms with expenses of—						
$1 to $4,999	3 300	1 963	1 008	68	59	55
$5,000 to $24,999	245	47	96	19	16	8
$25,000 to $49,999	28	2	3	3	3	1
$50,000 or more	39	1	3	-	1	2
Customwork, machine hire, and rental of machinery and equipment ..... farms	698	340	229	18	14	19
$1,000	8 175	393	382	34	87	564
Farms with expenses of—						
$1 to $999	434	243	141	9	6	11
$1,000 to $4,999	191	86	67	7	4	5
$5,000 to $24,999	49	9	20	2	3	2
$25,000 or more	24	2	1	-	1	1
Interest expense ..... farms	1 285	609	485	40	20	23
$1,000	22 930	2 872	4 013	580	432	267
Farms with expenses of—						
$1 to $4,999	847	452	319	25	9	13
$5,000 to $24,999	324	139	130	9	3	6
$25,000 to $99,999	97	18	33	5	8	4
$100,000 or more	17	-	3	1	-	-
Secured by real estate ..... farms	721	363	261	19	11	9
$1,000	15 097	2 160	2 823	363	318	(D)
Farms with expenses of—						
$1 to $999	119	68	43	2	-	-
$1,000 to $4,999	284	170	95	5	3	6
$5,000 to $24,999	238	109	97	7	3	-
$25,000 or more	80	16	26	5	5	3
Not secured by real estate ..... farms	726	301	295	25	10	17
$1,000	7 833	711	1 190	218	114	(D)
Farms with expenses of—						
$1 to $999	286	146	114	10	1	2
$1,000 to $4,999	293	124	131	9	5	8
$5,000 to $24,999	117	30	40	5	2	6
$25,000 or more	30	1	10	1	2	1
Cash rent ..... farms	1 668	769	573	53	51	45
$1,000	15 910	1 284	1 276	178	474	316
Farms with expenses of—						
$1 to $4,999	1 438	726	518	42	34	34
$5,000 to $9,999	96	26	34	6	9	4
$10,000 to $24,999	67	14	16	5	4	2
$25,000 or more	67	3	5	-	4	5
Property taxes ..... farms	3 926	2 257	1 171	98	87	67
$1,000	5 142	1 031	747	116	112	56
Farms with expenses of—						
$1 to $4,999	3 827	2 241	1 161	94	84	66
$5,000 to $9,999	43	14	6	3	1	1
$10,000 to $24,999	27	2	4	1	1	-
$25,000 or more	29	-	-	-	1	-
All other farm production expenses ..... farms	4 428	2 562	1 295	111	88	76
$1,000	76 996	5 719	8 467	1 068	2 442	769
Farms with expenses of—						
$1 to $4,999	3 801	2 367	1 050	87	60	61
$5,000 to $24,999	407	153	174	15	16	7
$25,000 to $49,999	87	24	27	3	4	2
$50,000 or more	133	18	44	6	8	6

See footnotes at end of table.

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

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

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
FARM PRODUCTION EXPENSES[1] —Con.							
Total farm production expenses—Con.							
Electricity ..... farms	12	13	7	16	17	13	58
$1,000	27	68	9	196	153	147	3 026
Farms with expenses of—							
$1 to $999	6	8	3	8	8	4	9
$1,000 to $4,999	4	3	4	4	5	4	17
$5,000 to $24,999	2	1	-	2	2	2	12
$25,000 or more	-	1	-	2	2	3	20
Hired farm labor ..... farms	14	17	7	20	15	24	69
$1,000	1 096	1 293	146	2 317	2 750	3 473	151 250
Farms with expenses of—							
$1 to $4,999	3	4	1	10	2	7	3
$5,000 to $24,999	6	4	4	3	3	2	11
$25,000 to $99,999	2	6	2	1	7	7	18
$100,000 or more	3	3	-	6	3	8	37
Contract labor ..... farms	4	7	1	10	4	10	18
$1,000	(D)	(D)	(D)	188	203	(D)	1 761
Farms with expenses of—							
$1 to $999	1	-	-	2	-	2	2
$1,000 to $4,999	1	3	-	6	-	-	5
$5,000 to $24,999	1	3	1	-	2	6	4
$25,000 or more	1	1	-	2	2	2	7
Repair and maintenance ..... farms	27	28	12	61	23	30	73
$1,000	118	200	25	326	271	384	18 502
Farms with expenses of—							
$1 to $4,999	20	19	12	52	15	14	15
$5,000 to $24,999	6	8	-	7	6	11	21
$25,000 to $49,999	1	-	-	1	1	3	10
$50,000 or more	-	1	-	1	1	2	27
Customwork, machine hire, and rental of machinery and equipment ..... farms	5	5	3	10	4	16	35
$1,000	30	29	9	14	54	58	6 521
Farms with expenses of—							
$1 to $999	1	1	1	4	2	9	6
$1,000 to $4,999	2	2	2	5	1	4	6
$5,000 to $24,999	2	2	-	1	-	2	6
$25,000 or more	-	-	-	-	1	1	17
Interest expense ..... farms	3	11	4	18	11	19	42
$1,000	53	331	79	336	259	447	13 262
Farms with expenses of—							
$1 to $4,999	-	4	-	8	5	6	6
$5,000 to $24,999	2	3	3	7	3	8	11
$25,000 to $99,999	1	3	1	1	3	4	16
$100,000 or more	-	1	-	2	-	1	9
Secured by real estate ..... farms	1	7	4	8	5	8	25
$1,000	(D)	144	(D)	160	113	79	8 724
Farms with expenses of—							
$1 to $999	-	2	-	-	1	3	-
$1,000 to $4,999	-	2	-	1	1	-	1
$5,000 to $24,999	-	1	3	6	1	4	7
$25,000 or more	1	2	1	1	2	1	17
Not secured by real estate ..... farms	2	7	2	12	8	15	32
$1,000	(D)	187	(D)	176	146	368	4 538
Farms with expenses of—							
$1 to $999	-	-	1	3	2	4	3
$1,000 to $4,999	-	1	1	6	2	2	4
$5,000 to $24,999	2	5	-	1	3	5	18
$25,000 or more	-	1	-	2	1	4	7
Cash rent ..... farms	18	22	10	34	17	22	54
$1,000	160	147	16	242	260	403	11 157
Farms with expenses of—							
$1 to $4,999	11	15	10	26	6	9	7
$5,000 to $9,999	4	3	-	3	3	1	3
$10,000 to $24,999	1	3	-	2	2	8	10
$25,000 or more	2	1	-	3	6	4	34
Property taxes ..... farms	33	27	11	57	21	32	65
$1,000	69	33	21	54	50	131	2 722
Farms with expenses of—							
$1 to $4,999	30	25	10	53	18	24	21
$5,000 to $9,999	1	1	1	4	2	3	6
$10,000 to $24,999	2	1	-	-	1	4	11
$25,000 or more	-	-	-	-	-	1	27
All other farm production expenses ..... farms	36	36	13	68	30	36	77
$1,000	178	690	48	1 237	1 102	1 654	53 622
Farms with expenses of—							
$1 to $4,999	27	30	10	58	21	17	13
$5,000 to $24,999	7	3	3	6	4	7	12
$25,000 to $49,999	1	1	-	-	1	6	18
$50,000 or more	1	2	-	4	4	6	34

See footnotes at end of table.

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

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

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT[1]						
All farms ... number	4 869	2 854	1 404	120	102	81
$1,000	113 904	17 983	16 107	1 663	3 409	2 097
Average per farm ... dollars	23 394	6 301	11 472	13 861	33 425	25 886
Farms with net gains[2] ... number	3 132	1 955	863	66	57	43
Average net gain ... dollars	43 761	11 243	24 917	37 340	81 889	73 703
Gain of—						
Less than $1,000	484	343	104	5	8	8
$1,000 to $9,999	1 549	1 097	333	32	24	21
$10,000 to $49,999	848	449	326	15	11	7
$50,000 or more	251	66	100	14	14	7
Farms with net losses ... number	1 737	899	541	54	45	38
Average net loss ... dollars	13 331	4 447	9 975	14 836	27 962	28 223
Loss of—						
Less than $1,000	426	273	119	9	7	5
$1,000 to $9,999	990	541	319	26	22	15
$10,000 to $49,999	235	78	79	16	11	13
$50,000 or more	86	7	24	3	5	5
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME						
Government payments ... farms	62	8	26	4	2	1
$1,000	1 768	12	61	10	(D)	(D)
Other farm-related income[1] ... farms	530	299	159	11	7	11
$1,000	3 730	1 118	623	23	47	63
Customwork and other agricultural services ... farms	239	150	63	3	3	6
$1,000	1 947	772	396	10	32	58
Gross cash rent or share payments ... farms	124	55	35	4	2	3
$1,000	1 301	156	(D)	10	(D)	3
Forest products and Christmas trees ... farms	36	19	13	1	-	-
$1,000	152	63	(D)	(D)	-	-
Other farm-related income sources ... farms	156	83	57	4	2	3
$1,000	330	127	84	(D)	(D)	2
COMMODITY CREDIT CORPORATION LOANS						
Total ... farms	6	3	3	-	-	-
$1,000	394	178	216	-	-	-
Corn ... farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Wheat ... farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Soybeans ... farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Sorghum, barley, and oats ... farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Cotton ... farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey ... farms	6	3	3	-	-	-
$1,000	394	178	216	-	-	-
LAND IN FARMS ACCORDING TO USE						
Total cropland ... farms	4 170	2 568	1 237	92	77	43
acres	327 396	7 615	18 710	3 729	5 160	3 361
Harvested cropland ... farms	3 837	2 517	1 090	63	46	27
acres	152 719	6 461	10 409	1 471	1 469	1 183
Farms by acres harvested:						
1 to 49 acres	3 746	2 517	1 090	53	31	17
50 to 99 acres	42	-	-	10	15	5
100 to 199 acres	13	-	-	-	-	5
200 to 499 acres	7	-	-	-	-	-
500 to 999 acres	7	-	-	-	-	-
1,000 to 1,999 acres	2	-	-	-	-	-
2,000 acres or more	20	-	-	-	-	-
Cropland:						
Pasture or grazing only ... farms	460	88	203	33	39	22
acres	40 504	293	3 295	1 173	2 356	1 635
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ... farms	119	39	66	6	2	-
acres	2 639	79	487	(D)	(D)	-
On which all crops failed ... farms	54	19	33	2	-	-
acres	122	35	(D)	(D)	-	-
In cultivated summer fallow ... farms	56	8	33	7	3	3
acres	795	21	(D)	86	(D)	(D)
Idle ... farms	839	291	408	37	33	13
acres	130 617	726	4 276	970	1 288	(D)
Total woodland ... farms	216	43	85	24	6	7
acres	99 135	104	905	690	154	357
Woodland pastured ... farms	71	6	15	14	3	2
acres	27 517	20	217	382	41	(D)
Woodland not pastured ... farms	163	37	70	12	5	7
acres	71 618	84	688	308	113	(D)

See footnotes at end of table.

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

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

Item	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[1]							
All farms ..... number	37	39	13	74	31	36	78
$1,000	-69	-12	-163	1 837	-422	-134	71 608
Average per farm ..... dollars	-1 865	-310	-12 532	24 827	-13 618	-3 718	918 048
Farms with net gains[2] ..... number	12	20	3	41	15	19	38
Average net gain ..... dollars	71 291	16 642	30 416	58 526	56 889	70 010	2 037 173
Gain of—							
Less than $1,000	3	2	-	4	4	2	1
$1,000 to $9,999	4	10	-	15	5	6	2
$10,000 to $49,999	2	7	2	15	1	7	6
$50,000 or more	3	1	1	7	5	4	29
Farms with net losses ..... number	25	19	10	33	16	17	40
Average net loss ..... dollars	36 980	18 154	25 417	17 040	79 717	86 119	145 121
Loss of—							
Less than $1,000	6	2	-	2	1	2	-
$1,000 to $9,999	12	12	5	24	4	7	3
$10,000 to $49,999	6	3	4	6	5	3	11
$50,000 or more	1	2	1	1	6	5	26
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME							
Government payments ..... farms	1	-	-	3	1	4	12
$1,000	(D)	-	-	11	(D)	16	1 643
Other farm-related income[1] ..... farms	3	2	1	6	2	6	23
$1,000	8	(D)	(D)	44	(D)	134	1 616
Customwork and other agricultural services ..... farms	2	-	-	2	1	3	6
$1,000	(D)	-	-	(D)	(D)	59	604
Gross cash rent or share payments ..... farms	1	2	1	4	1	3	13
$1,000	(D)	(D)	(D)	(D)	(D)	75	878
Forest products and Christmas trees ..... farms	-	-	-	-	-	-	3
$1,000	-	-	-	-	-	-	21
Other farm-related income sources ..... farms	-	1	-	-	-	-	6
$1,000	-	(D)	-	-	-	-	113
COMMODITY CREDIT CORPORATION LOANS							
Total ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Corn ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Wheat ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Soybeans ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Sorghum, barley, and oats ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Cotton ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
LAND IN FARMS ACCORDING TO USE							
Total cropland ..... farms	24	24	4	34	15	14	38
acres	2 283	2 925	727	8 814	5 716	5 478	262 878
Harvested cropland ..... farms	15	13	2	16	7	8	33
acres	964	(D)	(D)	1 186	1 506	2 184	125 229
Farms by acres harvested:							
1 to 49 acres	5	9	1	10	3	4	6
50 to 99 acres	7	2	1	1	-	1	-
100 to 199 acres	3	2	-	2	-	-	1
200 to 499 acres	-	-	-	3	3	1	-
500 to 999 acres	-	-	-	-	1	1	5
1,000 to 1,999 acres	-	-	-	-	-	1	1
2,000 acres or more	-	-	-	-	-	-	20
Cropland:							
Pasture or grazing only ..... farms	12	16	2	22	10	5	8
acres	983	(D)	(D)	5 449	3 696	2 762	(D)
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms	-	2	-	3	-	-	1
acres	-	(D)	-	880	-	-	(D)
On which all crops failed ..... farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
In cultivated summer fallow ..... farms	-	-	-	-	1	-	1
acres	-	-	-	-	(D)	-	(D)
Idle ..... farms	6	10	1	9	4	5	22
acres	336	(D)	(D)	1 299	(D)	532	119 566
Total woodland ..... farms	6	4	2	10	5	11	13
acres	317	(D)	(D)	2 058	1 155	7 039	85 510
Woodland pastured ..... farms	2	2	2	8	4	6	7
acres	(D)	(D)	(D)	1 569	503	3 075	20 990
Woodland not pastured ..... farms	4	3	-	3	5	8	9
acres	(D)	339	-	489	652	3 964	64 520

See footnotes at end of table.

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

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

Item		Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
LAND IN FARMS ACCORDING TO USE—Con.							
Pastureland and rangeland other than cropland and woodland pastured	farms	614	89	200	40	35	48
	acres	977 093	310	3 854	1 598	2 017	4 735
Land in house lots, ponds, roads, wasteland, etc.	farms	2 198	1 157	766	60	40	31
	acres	317 897	2 291	4 568	812	804	757
Cropland under federal acreage reduction programs:							
Annual commodity acreage adjustment programs	farms	-	-	-	-	-	-
	acres	-	-	-	-	-	-
Conservation reserve program	farms	1	-	1	-	-	-
	acres	(D)	-	(D)	-	-	-
Value of land and buildings[1]	farms	4 869	2 854	1 404	120	102	81
	$1,000	2 938 125	376 671	464 026	67 581	233 363	51 199
Average per farm	dollars	603 435	131 980	330 503	563 175	2 287 873	632 086
Average per acre	dollars	1 707	36 513	16 498	9 896	28 686	5 559
Farms by value group:							
$1 to $39,999		1 013	852	129	6	3	5
$40,000 to $69,999		551	381	142	13	2	4
$70,000 to $99,999		386	262	100	5	4	4
$100,000 to $149,999		598	367	199	6	5	7
$150,000 to $199,999		479	321	125	8	6	3
$200,000 to $499,999		1 189	576	474	37	29	21
$500,000 to $999,999		370	79	170	24	31	18
$1,000,000 to $1,999,999		149	12	54	15	13	13
$2,000,000 to $4,999,999		62	4	8	5	8	6
$5,000,000 or more		72	-	3	1	1	-
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment	farms	4 836	2 834	1 397	119	101	79
	$1,000	199 280	30 869	29 389	3 702	3 494	2 978
Farms by value group:							
$1 to $4,999		1 116	796	248	17	20	8
$5,000 to $9,999		1 601	1 029	415	33	25	33
$10,000 to $19,999		969	611	272	18	15	10
$20,000 to $49,999		788	333	331	28	20	16
$50,000 to $99,999		212	49	90	14	8	6
$100,000 to $199,999		87	12	32	7	10	2
$200,000 to $499,999		37	4	8	2	3	3
$500,000 or more		26	-	1	-	-	1
SELECTED MACHINERY AND EQUIPMENT[1]							
Motortrucks, including pickups	farms	4 222	2 399	1 261	110	96	72
	number	9 270	3 198	2 081	231	241	136
Wheel tractors	farms	2 336	1 155	823	69	53	38
	number	4 506	1 676	1 403	167	123	109
Less than 40 horsepower (PTO)	farms	1 797	921	641	51	39	25
	number	2 550	1 202	904	87	67	55
40 horsepower (PTO) or more	farms	932	372	332	36	28	22
	number	1 956	474	499	80	56	54
Grain and bean combines	farms	-	-	-	-	-	-
	number	-	-	-	-	-	-
Cottonpickers and strippers	farms	-	-	-	-	-	-
	number	-	-	-	-	-	-
Mower conditioners	farms	-	-	-	-	-	-
	number	-	-	-	-	-	-
Pickup balers	farms	5	-	-	-	1	-
	number	8	-	-	-	(D)	-
AGRICULTURAL CHEMICALS[1]							
Commercial fertilizer	farms	3 522	2 214	1 040	67	60	30
	acres on which used	225 457	5 613	10 304	1 546	2 034	1 173
Lime	farms	825	461	303	19	13	4
	acres on which used	21 544	1 070	2 402	362	436	74
	tons	23 220	1 063	2 789	423	334	73
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops	farms	2 008	1 310	577	37	27	14
	acres on which used	68 150	2 677	4 775	732	916	456
Nematodes in crops	farms	663	362	245	23	10	7
	acres on which used	15 792	645	1 663	336	387	128
Diseases in crops and orchards	farms	1 151	683	391	29	16	8
	acres on which used	(D)	1 439	3 233	506	622	388
Weeds, grass, or brush in crops and pasture	farms	2 887	1 677	896	74	54	49
	acres on which used	235 871	4 403	8 202	1 664	1 852	1 917
Chemicals for defoliation or for growth control of crops or thinning of fruit	farms	212	124	63	5	2	-
	acres on which used	57 481	280	454	43	(D)	-

See footnotes at end of table.

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

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

Item	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	20	20	8	46	19	29	60
acres	2 690	3 590	1 938	13 561	11 516	35 116	896 168
Land in house lots, ponds, roads, wasteland, etc. ..... farms	19	19	7	23	14	15	47
acres	556	(D)	(D)	1 571	1 548	1 418	302 733
Cropland under federal acreage reduction programs:							
Annual commodity acreage adjustment programs ..... farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
Conservation reserve program ..... farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
Value of land and buildings[1] ..... farms	37	39	13	74	31	36	78
$1,000	28 568	29 736	9 025	57 259	50 294	109 892	1 460 511
Average per farm ..... dollars	772 108	762 462	694 231	773 770	1 622 387	3 052 556	18 724 500
Average per acre ..... dollars	5 007	3 869	2 839	2 254	2 523	2 240	944
Farms by value group:							
$1 to $39,999	1	2	-	14	1	-	-
$40,000 to $69,999	1	-	2	3	2	-	1
$70,000 to $99,999	6	2	-	1	-	1	1
$100,000 to $149,999	4	5	-	3	-	2	-
$150,000 to $199,999	4	2	1	4	2	2	1
$200,000 to $499,999	8	11	2	17	8	4	2
$500,000 to $999,999	6	2	6	16	5	6	7
$1,000,000 to $1,999,999	2	11	1	8	5	9	6
$2,000,000 to $4,999,999	3	4	1	6	6	5	6
$5,000,000 or more	2	-	-	2	2	7	54
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ..... farms	37	39	13	72	31	36	78
$1,000	1 286	1 286	348	3 520	1 723	2 173	118 512
Farms by value group:							
$1 to $4,999	2	10	-	12	3	-	-
$5,000 to $9,999	23	10	2	15	8	6	2
$10,000 to $19,999	2	3	4	16	6	6	6
$20,000 to $49,999	3	6	4	15	7	9	16
$50,000 to $99,999	2	7	3	7	2	8	16
$100,000 to $199,999	4	2	-	3	2	4	9
$200,000 to $499,999	1	1	-	2	3	3	7
$500,000 or more	-	-	-	2	-	-	22
SELECTED MACHINERY AND EQUIPMENT[1]							
Motortrucks, including pickups ..... farms	29	34	12	68	29	36	76
number	72	91	22	175	65	110	2 848
Wheel tractors ..... farms	22	20	10	36	23	24	63
number	51	37	19	105	51	63	702
Less than 40 horsepower (PTO) ..... farms	17	12	9	26	17	16	23
number	26	13	9	55	23	25	84
40 horsepower (PTO) or more ..... farms	13	15	5	23	15	17	54
number	25	24	10	50	28	38	618
Grain and bean combines ..... farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Cottonpickers and strippers ..... farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Mower conditioners ..... farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Pickup balers ..... farms	2	-	-	1	-	-	1
number	(D)	-	-	(D)	-	-	(D)
AGRICULTURAL CHEMICALS[1]							
Commercial fertilizer ..... farms	14	14	3	22	11	11	36
acres on which used	935	1 063	76	2 643	2 146	2 679	195 245
Lime ..... farms	2	3	1	5	2	4	8
acres on which used	(D)	28	(D)	331	(D)	400	15 982
tons	(D)	10	(D)	292	(D)	225	17 617
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms	5	6	-	9	3	3	17
acres on which used	271	380	-	975	517	981	55 470
Nematodes in crops ..... farms	2	3	1	2	1	-	7
acres on which used	(D)	243	(D)	(D)	(D)	-	12 262
Diseases in crops and orchards ..... farms	6	4	-	5	2	3	4
acres on which used	421	182	-	(D)	(D)	540	9 190
Weeds, grass, or brush in crops and pasture ..... farms	15	18	7	19	13	19	46
acres on which used	1 169	719	303	1 294	2 644	4 022	207 682
Chemicals for defoliation or for growth control of crops or thinning of fruit ..... farms	2	-	-	1	1	1	13
acres on which used	(D)	-	-	(D)	(D)	(D)	56 300

See footnotes at end of table.

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

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

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
TENURE AND RACE OF OPERATOR						
All operators	4 870	2 855	1 401	120	102	81
Full owners	2 549	1 757	622	43	32	21
Part owners	768	219	335	40	37	26
Tenants	1 553	879	444	37	33	34
White	1 713	847	513	62	54	45
Full owners	945	572	266	30	21	12
Part owners	304	64	116	18	19	12
Tenants	464	211	131	14	14	21
Black and other races	3 157	2 008	888	58	48	36
Full owners	1 604	1 185	356	13	11	9
Part owners	464	155	219	22	18	14
Tenants	1 089	668	313	23	19	13
OWNED AND RENTED LAND						
Land owned — farms	3 333	1 985	963	83	69	47
acres	886 170	7 231	15 597	3 300	3 811	(D)
Owned land in farms — farms	3 317	1 976	957	83	69	47
acres	848 906	6 277	14 830	3 203	3 766	3 237
Land rented or leased from others — farms	2 331	1 103	781	77	71	60
acres	904 484	4 129	13 528	3 627	4 908	5 973
Rented or leased land in farms — farms	2 321	1 098	779	77	70	60
acres	872 615	4 043	13 207	3 626	4 369	5 973
Land rented or leased to others — farms	250	127	63	7	8	2
acres	69 133	1 040	1 088	98	584	(D)
OPERATOR CHARACTERISTICS						
Operators by place of residence:						
On farm operated	2 750	1 702	778	65	48	27
Not on farm operated	1 713	890	526	48	47	44
Not reported	407	263	97	7	7	10
Operators by principal occupation:						
Farming	2 816	1 537	882	79	56	51
Other	2 054	1 318	519	41	46	30
Operators by days of work off farm:						
None	1 723	956	529	47	37	29
Any	2 728	1 665	739	62	59	40
1 to 99 days	624	370	177	18	17	5
100 to 199 days	628	374	173	11	20	8
200 days or more	1 476	921	389	33	22	27
Not reported	419	234	133	11	6	12
Operators by years on present farm:						
2 years or less	491	315	130	9	6	5
3 or 4 years	580	378	155	4	7	9
5 to 9 years	1 042	634	292	19	20	20
10 years or more	1 907	1 021	581	67	56	30
Average years on present farm	13.3	12.3	13.7	19.5	15.2	14.0
Not reported	850	507	243	21	13	17
Operators by age group:						
Under 25 years	28	13	12	2	-	-
25 to 34 years	505	312	155	9	10	5
35 to 44 years	1 151	650	354	32	31	24
45 to 49 years	411	236	129	12	5	6
50 to 54 years	354	202	109	5	10	4
55 to 59 years	555	314	152	20	13	5
60 to 64 years	672	375	206	10	11	10
65 to 69 years	495	305	134	11	7	8
70 years and over	699	448	150	19	15	19
Average age	53.0	53.3	51.7	52.7	52.3	55.0
Operators by sex:						
Male	4 210	2 383	1 256	113	95	78
Female	660	472	145	7	7	3
Operators of Spanish origin (see text)	110	59	26	4	4	5
FARMS BY TYPE OF ORGANIZATION						
Individual or family (sole proprietorship) — farms	4 035	2 516	1 135	92	74	52
acres	429 021	8 926	22 472	5 235	5 822	5 743
Partnership — farms	404	206	122	12	8	12
acres	169 792	832	2 511	694	669	1 483
Corporation:						
Family held — farms	282	102	100	11	10	9
acres	542 953	456	2 186	607	802	1 041
More than 10 stockholders — farms	5	-	2	-	-	-
10 or less stockholders — farms	277	102	98	11	10	9
Other than family held — farms	88	16	23	3	7	3
acres	356 096	56	444	(D)	567	(D)
More than 10 stockholders — farms	17	-	2	-	2	-
10 or less stockholders — farms	71	16	21	3	5	3
Other—cooperative, estate or trust, institutional, etc. — farms	61	15	21	2	3	5
acres	223 659	50	424	(D)	275	(D)

See footnotes at end of table.

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

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

Item	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	38	39	13	76	31	36	78
Full owners	14	9	1	18	9	9	14
Part owners	12	12	8	16	10	14	39
Tenants	12	18	4	42	12	13	25
White	26	23	8	36	19	23	57
Full owners	9	5	1	7	7	5	10
Part owners	9	7	5	10	4	9	31
Tenants	8	11	2	19	8	9	16
Black and other races	12	16	5	40	12	13	21
Full owners	5	4	-	11	2	4	4
Part owners	3	5	3	6	6	5	8
Tenants	4	7	2	23	4	4	9
OWNED AND RENTED LAND							
Land owned farms	26	21	9	34	19	23	54
acres	3 029	4 104	1 722	7 817	7 758	(D)	810 510
Owned land in farms farms	26	21	9	34	19	23	53
acres	2 876	2 400	1 451	7 679	7 680	16 724	778 783
Land rented or leased from others farms	24	30	12	58	22	27	66
acres	2 976	5 366	1 728	21 559	12 610	32 327	795 753
Rented or leased land in farms farms	24	30	12	58	22	27	64
acres	2 970	5 286	1 728	18 325	12 255	32 327	768 506
Land rented or leased to others farms	3	4	3	5	3	1	24
acres	159	1 784	271	3 372	433	(D)	58 974
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	22	9	9	23	9	15	43
Not on farm operated	12	25	4	48	18	19	32
Not reported	4	5	-	5	4	2	3
Operators by principal occupation:							
Farming	25	24	9	49	18	25	61
Other	13	15	4	27	13	11	17
Operators by days of work off farm:							
None	14	11	4	25	9	17	45
Any	21	24	9	43	20	15	31
1 to 99 days	7	5	3	8	6	3	5
100 to 199 days	3	8	1	16	5	3	6
200 days or more	11	11	5	19	9	9	20
Not reported	3	4	-	8	2	4	2
Operators by years on present farm:							
2 years or less	-	3	3	4	2	3	11
3 or 4 years	5	2	-	5	3	3	9
5 to 9 years	8	5	1	15	6	5	17
10 years or more	18	19	9	43	10	20	33
Average years on present farm	16.5	17.6	18.8	20.3	12.2	17.8	12.3
Not reported	7	10	-	9	10	5	8
Operators by age group:							
Under 25 years	-	-	-	-	-	-	1
25 to 34 years	1	5	-	6	-	1	1
35 to 44 years	10	5	2	11	10	7	15
45 to 49 years	2	1	-	6	1	4	9
50 to 54 years	3	3	1	2	3	4	8
55 to 59 years	3	8	5	9	7	3	16
60 to 64 years	9	6	4	15	4	7	15
65 to 69 years	6	3	-	6	3	4	8
70 years and over	4	8	1	21	3	6	5
Average age	56.6	55.9	57.4	58.6	53.7	56.4	54.4
Operators by sex:							
Male	35	35	8	69	29	35	74
Female	3	4	5	7	2	1	4
Operators of Spanish origin (see text)	1	2	-	5	1	2	1
FARMS BY TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) farms	27	23	9	56	19	18	14
acres	4 163	4 579	2 173	18 642	12 184	23 843	315 239
Partnership farms	6	9	3	6	2	6	12
acres	893	1 769	(D)	(D)	(D)	8 402	148 464
Corporation:							
Family held farms	3	3	1	8	3	8	24
acres	(D)	(D)	(D)	3 113	(D)	11 382	520 231
More than 10 stockholders farms	-	-	-	-	-	-	3
10 or less stockholders farms	3	3	1	8	3	8	21
Other than family held farms	2	-	-	3	3	3	25
acres	(D)	-	-	1 386	1 959	(D)	346 545
More than 10 stockholders farms	1	-	-	-	2	-	10
10 or less stockholders farms	1	-	-	3	1	3	15
Other—cooperative, estate or trust, institutional, etc. farms	-	4	-	3	4	1	3
acres	-	(D)	-	(D)	2 478	(D)	216 810

See footnotes at end of table.

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

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

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
FARMS BY SIZE						
1 to 9 acres	2 855	2 855	-	-	-	-
10 to 49 acres	1 401	-	1 401	-	-	-
50 to 69 acres	120	-	-	120	-	-
70 to 99 acres	102	-	-	-	102	-
100 to 139 acres	81	-	-	-	-	81
140 to 179 acres	38	-	-	-	-	-
180 to 219 acres	39	-	-	-	-	-
220 to 259 acres	13	-	-	-	-	-
260 to 499 acres	76	-	-	-	-	-
500 to 999 acres	31	-	-	-	-	-
1,000 to 1,999 acres	36	-	-	-	-	-
2,000 acres or more	78	-	-	-	-	-
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION						
Cash grains (011)	-	-	-	-	-	-
Field crops, except cash grains (013)	398	233	123	5	8	3
Cotton (0131)	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	398	233	123	5	8	3
Vegetables and melons (016)	551	352	171	15	5	3
Fruits and tree nuts (017)	1 713	1 086	531	29	14	14
Horticultural specialties (018)	1 011	779	204	11	12	-
General farms, primarily crop (019)	23	11	10	-	1	1
Livestock, except dairy, poultry, and animal specialties (021)	977	300	301	56	57	53
Beef cattle, except feedlots (0212)	662	94	227	47	54	47
Dairy farms (024)	22	5	4	-	2	1
Poultry and eggs (025)	44	28	13	-	2	-
Animal specialties (027)	99	47	34	3	1	3
General farms, primarily livestock and animal specialties (029)	32	14	10	1	-	3
LIVESTOCK						
Cattle and calves inventory — farms	1 003	224	367	61	65	60
— number	211 045	3 327	9 964	1 637	4 600	13 489
Farms with—						
1 to 9	344	176	148	7	4	4
10 to 49	386	38	207	47	40	17
50 to 99	102	2	6	7	19	30
100 to 199	70	4	3	-	-	7
200 to 499	40	4	2	-	1	1
500 or more	61	-	1	-	1	1
Cows and heifers that had calved — farms	769	127	278	51	53	50
— number	95 263	1 976	4 565	690	2 244	1 447
Beef cows — farms	724	106	264	51	52	50
— number	83 427	806	2 002	(D)	(D)	(D)
Farms with—						
1 to 9	321	93	192	14	8	4
10 to 49	267	10	71	37	43	40
50 to 99	54	2	1	-	-	6
100 to 199	26	-	-	-	1	-
200 to 499	23	1	-	-	-	-
500 or more	33	-	-	-	-	-
Milk cows — farms	73	26	25	1	2	1
— number	11 836	1 170	2 563	(D)	(D)	(D)
Farms with—						
1 to 4	49	21	20	-	1	-
5 to 9	4	-	2	1	-	-
10 to 49	-	-	-	-	-	-
50 to 99	2	-	-	-	-	1
100 to 199	2	2	-	-	-	-
200 to 499	8	3	2	-	-	-
500 or more	8	-	1	-	1	-
Heifers and heifer calves — farms	753	118	264	51	58	59
— number	61 394	617	3 451	508	1 740	4 936
Steers, steer calves, bulls, and bull calves — farms	865	169	318	53	58	56
— number	54 388	734	1 948	439	616	7 106
Cattle and calves sold — farms	807	123	285	57	62	56
— number	101 315	716	2 962	680	1 491	26 277
— $1,000	43 881	217	1 005	226	464	15 457
Calves — farms	391	54	140	32	30	28
— number	16 199	193	1 007	332	343	426
— $1,000	3 654	42	183	89	85	107
Cattle — farms	609	89	202	39	48	41
— number	85 116	523	1 955	348	1 148	25 851
— $1,000	40 226	175	822	137	379	15 350
Fattened on grain and concentrates — farms	87	21	33	6	4	5
— number	42 295	41	400	46	15	25 122
— $1,000	24 594	20	196	17	5	15 063

See footnotes at end of table.

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

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

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
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	38	-	-	-	-	-	-
180 to 219 acres	-	39	-	-	-	-	-
220 to 259 acres	-	-	13	-	-	-	-
260 to 499 acres	-	-	-	76	-	-	-
500 to 999 acres	-	-	-	-	31	-	-
1,000 to 1,999 acres	-	-	-	-	-	36	-
2,000 acres or more	-	-	-	-	-	-	78
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)	-	-	-	-	-	-	-
Field crops, except cash grains (013)	5	3	2	2	-	-	14
Cotton (0131)	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	5	3	2	2	-	-	14
Vegetables and melons (016)	-	2	-	2	1	-	-
Fruits and tree nuts (017)	8	4	-	7	5	5	10
Horticultural specialties (018)	2	1	-	1	-	-	1
General farms, primarily crop (019)	-	-	-	-	-	-	-
Livestock, except dairy, poultry, and animal specialties (021)	20	26	11	56	22	24	51
Beef cattle, except feedlots (0212)	20	23	9	53	18	24	46
Dairy farms (024)	-	-	-	2	2	5	1
Poultry and eggs (025)	-	-	-	-	-	1	-
Animal specialties (027)	3	3	-	4	1	-	-
General farms, primarily livestock and animal specialties (029)	-	-	-	2	-	1	1
LIVESTOCK							
Cattle and calves inventory — farms	22	28	10	59	25	29	53
— number	1 499	2 040	1 065	8 825	9 309	14 204	141 086
Farms with—							
1 to 9	1	-	-	2	2	-	-
10 to 49	8	13	2	9	1	2	2
50 to 99	9	7	2	14	5	1	-
100 to 199	3	6	5	28	5	4	5
200 to 499	1	2	1	4	6	11	7
500 or more	-	-	-	2	6	11	39
Cows and heifers that had calved — farms	22	25	9	57	22	27	48
— number	599	919	359	5 189	4 379	7 182	65 714
Beef cows — farms	22	25	9	55	20	22	48
— number	(D)	(D)	359	3 592	2 339	4 459	(D)
Farms with—							
1 to 9	2	1	-	7	-	-	-
10 to 49	18	16	6	14	8	3	1
50 to 99	2	7	3	25	3	2	3
100 to 199	-	1	-	7	4	8	5
200 to 499	-	-	-	2	5	7	8
500 or more	-	-	-	-	-	2	31
Milk cows — farms	1	1	-	3	4	7	2
— number	(D)	(D)	-	1 597	2 040	2 723	(D)
Farms with—							
1 to 4	1	1	-	1	2	2	-
5 to 9	-	-	-	-	-	-	1
10 to 49	-	-	-	-	-	-	-
50 to 99	-	-	-	1	-	-	-
100 to 199	-	-	-	-	-	-	-
200 to 499	-	-	-	-	1	2	-
500 or more	-	-	-	1	1	3	1
Heifers and heifer calves — farms	18	27	10	50	22	26	50
— number	419	664	470	2 055	3 490	4 424	38 620
Steers, steer calves, bulls, and bull calves — farms	19	27	9	54	23	27	52
— number	481	457	236	1 581	1 440	2 598	36 752
Cattle and calves sold — farms	22	27	9	57	25	30	54
— number	349	881	248	2 999	2 581	5 923	56 208
— $1,000	125	273	90	922	986	1 922	22 194
Calves — farms	9	13	2	27	14	15	27
— number	159	(D)	(D)	1 088	958	1 739	9 664
— $1,000	40	(D)	(D)	215	127	323	2 382
Cattle — farms	16	20	8	47	21	27	51
— number	190	(D)	(D)	1 911	1 623	4 184	46 544
— $1,000	85	(D)	(D)	707	860	1 599	19 812
Fattened on grain and concentrates — farms	-	3	1	5	3	-	6
— number	-	(D)	(D)	228	152	-	16 263
— $1,000	-	(D)	(D)	109	124	-	9 052

See footnotes at end of table.

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

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

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
LIVESTOCK—Con.						
Hogs and pigs inventory ..... farms	372	251	85	9	3	11
..... number	47 564	29 540	13 428	837	48	1 658
Farms with—						
1 to 24	198	124	52	6	2	6
25 to 49	50	33	11	-	1	3
50 to 99	39	33	6	-	-	-
100 to 199	33	30	3	-	-	-
200 to 499	31	20	5	3	-	1
500 or more	21	11	8	-	-	1
Used or to be used for breeding ..... farms	255	183	50	5	1	6
..... number	6 696	3 959	1 794	161	(D)	308
Other ..... farms	349	236	77	9	3	11
..... number	40 868	25 581	11 634	676	(D)	1 350
Hogs and pigs sold ..... farms	307	215	67	6	2	8
..... number	69 019	41 357	19 626	1 565	(D)	2 447
..... $1,000	10 371	6 098	2 956	226	(D)	390
Feeder pigs ..... farms	60	43	13	-	-	1
..... number	3 267	2 028	1 124	-	-	(D)
..... $1,000	199	96	97	-	-	(D)
Litters of pigs farrowed between—						
Dec. 1 of preceding year and Nov. 30 ..... farms	261	185	53	5	1	6
..... number	9 601	5 343	3 049	246	(D)	379
Dec. 1 and May 31 ..... farms	245	175	50	5	1	6
..... number	4 931	2 790	1 518	132	(D)	188
June 1 and Nov. 30 ..... farms	220	159	42	3	1	6
..... number	4 670	2 553	1 531	114	(D)	191
Sheep and lambs of all ages inventory ..... farms	42	13	12	1	3	3
..... number	21 908	98	172	(D)	34	498
Ewes 1 year old or older ..... farms	33	9	11	1	3	1
..... number	10 983	39	(D)	(D)	22	(D)
Sheep and lambs sold ..... farms	26	5	8	-	3	2
..... number	(D)	13	39	-	18	(D)
Sheep and lambs shorn ..... farms	15	3	6	-	1	-
..... number	3 196	28	48	-	(D)	-
..... pounds of wool	39 997	162	372	-	(D)	-
Horses and ponies inventory ..... farms	537	112	189	30	28	31
..... number	3 551	373	687	168	116	157
Horses and ponies sold ..... farms	63	13	18	-	4	2
..... number	236	30	35	-	(D)	(D)
Goats inventory ..... farms	74	36	24	3	1	3
..... number	938	239	244	(D)	(D)	49
Goats sold ..... farms	34	14	12	1	1	2
..... number	436	84	98	(D)	(D)	(D)
POULTRY						
Chickens 3 months old or older inventory ..... farms	181	105	58	3	4	2
..... number	(D)	274 192	(D)	103	941	(D)
Farms with—						
1 to 399	159	96	50	3	2	-
400 to 3,199	8	3	1	-	2	2
3,200 to 9,999	-	-	-	-	-	-
10,000 to 19,999	2	1	1	-	-	-
20,000 to 49,999	5	2	2	-	-	-
50,000 to 99,999	4	3	1	-	-	-
100,000 or more	3	-	3	-	-	-
Hens and pullets of laying age ..... farms	177	103	56	3	4	2
..... number	(D)	252 722	(D)	103	941	(D)
Pullets 3 months old or older not of laying age ..... farms	53	27	24	-	-	1
..... number	118 012	21 470	(D)	-	-	(D)
Hens and pullets sold ..... farms	31	14	13	-	2	1
..... number	824 182	246 864	560 439	-	(D)	(D)
Broilers and other meat-type chickens sold ..... farms	12	8	2	-	-	1
..... number	2 069 316	1 235 809	(D)	-	-	(D)
Farms with—						
1 to 1,999	6	4	1	-	-	1
2,000 to 59,999	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-
100,000 or more	6	4	1	-	-	-
Turkey hens kept for breeding ..... farms	4	4	-	-	-	-
..... number	10	10	-	-	-	-
Turkeys sold ..... farms	-	-	-	-	-	-
..... number	-	-	-	-	-	-

See footnotes at end of table.

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

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

Item	140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
LIVESTOCK—Con.							
Hogs and pigs inventory ---- farms	2	1	2	3	4	-	1
number	(D)	(D)	(D)	21	431	-	(D)
Farms with—							
1 to 24	-	1	2	3	2	-	-
25 to 49	2	-	-	-	-	-	-
50 to 99	-	-	-	-	-	-	-
100 to 199	-	-	-	-	-	-	-
200 to 499	-	-	-	-	2	-	-
500 or more	-	-	-	-	-	-	1
Used or to be used for breeding ---- farms	2	1	2	1	3	-	1
number	(D)	(D)	(D)	(D)	110	-	(D)
Other ---- farms	2	1	2	3	4	-	1
number	(D)	(D)	(D)	(D)	321	-	(D)
Hogs and pigs sold ---- farms	2	1	2	1	2	-	1
number	(D)	(D)	(D)	(D)	(D)	-	(D)
$1,000	(D)	(D)	(D)	(D)	(D)	-	(D)
Feeder pigs ---- farms	2	1	-	-	-	-	-
number	(D)	(D)	-	-	-	-	-
$1,000	(D)	(D)	-	-	-	-	-
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 ---- farms	2	1	2	1	3	-	2
number	(D)	(D)	(D)	(D)	87	-	(D)
Dec. 1 and May 31 ---- farms	2	1	1	1	2	-	1
number	(D)	(D)	(D)	(D)	(D)	-	(D)
June 1 and Nov. 30 ---- farms	2	1	1	-	3	-	2
number	(D)	(D)	(D)	-	(D)	-	(D)
Sheep and lambs of all ages inventory ---- farms	1	1	-	1	4	-	3
number	(D)	(D)	-	(D)	219	-	(D)
Ewes 1 year old or older ---- farms	-	-	-	1	4	-	3
number	-	-	-	(D)	110	-	(D)
Sheep and lambs sold ---- farms	1	1	-	1	2	-	3
number	(D)	(D)	-	(D)	(D)	-	(D)
Sheep and lambs shorn ---- farms	-	-	-	1	1	-	3
number	-	-	-	(D)	(D)	-	3 088
pounds of wool	-	-	-	(D)	(D)	-	39 214
Horses and ponies inventory ---- farms	11	16	7	39	12	20	42
number	41	108	110	180	116	205	1 290
Horses and ponies sold ---- farms	-	3	-	-	6	5	12
number	-	5	-	-	12	28	114
Goats inventory ---- farms	1	-	-	-	3	-	3
number	(D)	-	-	-	33	-	322
Goats sold ---- farms	-	-	-	-	2	-	2
number	-	-	-	-	(D)	-	(D)
POULTRY							
Chickens 3 months old or older inventory ---- farms	-	-	-	5	3	1	-
number	-	-	-	110	95	(D)	-
Farms with—							
1 to 399	-	-	-	5	3	-	-
400 to 3,199	-	-	-	-	-	-	-
3,200 to 9,999	-	-	-	-	-	-	-
10,000 to 19,999	-	-	-	-	-	-	-
20,000 to 49,999	-	-	-	-	-	1	-
50,000 to 99,999	-	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	-	-
Hens and pullets of laying age ---- farms	-	-	-	5	3	1	-
number	-	-	-	110	95	(D)	-
Pullets 3 months old or older not of laying age ---- farms	-	-	-	-	-	1	-
number	-	-	-	-	-	(D)	-
Hens and pullets sold ---- farms	-	-	-	-	-	1	-
number	-	-	-	-	-	(D)	-
Broilers and other meat-type chickens sold ---- farms	-	-	-	-	-	1	-
number	-	-	-	-	-	(D)	-
Farms with—							
1 to 1,999	-	-	-	-	-	-	-
2,000 to 59,999	-	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	1	-
Turkey hens kept for breeding ---- farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Turkeys sold ---- farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-

See footnotes at end of table.

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

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

Item		Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
CROPS HARVESTED							
Sugarcane for sugar	farms	79	14	37	5	3	2
	acres	79 234	55	428	102	90	(D)
	tons	7 934 181	4 146	31 910	9 363	6 051	(D)
Irrigated	farms	17	1	3	1	1	-
	acres	49 121	(D)	44	(D)	(D)	-
Pineapples harvested	farms	18	3	5	-	1	-
	acres	22 262	3	7	-	(D)	-
	tons	683 182	31	98	-	(D)	-
Irrigated	farms	9	1	1	-	-	-
	acres	19 674	(D)	(D)	-	-	-
Vegetables harvested for sale (see text)	farms	710	436	230	21	9	7
	acres	5 587	984	2 621	557	355	237
Irrigated	farms	552	330	190	15	6	7
	acres	5 045	779	2 389	482	339	237
Farms by acres harvested:							
0.1 to 4.9 acres		499	384	101	7	1	2
5.0 to 24.9 acres		156	52	90	6	4	3
25.0 to 99.9 acres		50	-	39	7	3	1
100.0 to 249.9 acres		3	-	-	1	1	1
250.0 acres or more		2	-	-	-	-	-
Land in orchards	farms	2 128	1 308	685	38	23	23
	acres	33 564	4 195	6 429	716	510	665
Irrigated	farms	576	333	195	15	5	11
	acres	6 704	752	1 031	140	46	111
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres		1 217	954	226	6	10	8
5.0 to 24.9 acres		821	354	425	20	4	7
25.0 to 99.9 acres		69	-	34	12	9	6
100.0 to 249.9 acres		6	-	-	-	-	2
250.0 acres or more		15	-	-	-	-	-

See footnotes at end of table.

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

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

Item		140 to 179 acres	180 to 219 acres	220 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more
CROPS HARVESTED								
Sugarcane for sugar	farms	-	3	1	1	-	-	13
	acres	-	162	(D)	(D)	-	-	78 027
	tons	-	15 580	(D)	(D)	-	-	7 829 580
Irrigated	farms	-	-	-	-	-	-	11
	acres	-	-	-	-	-	-	49 047
Pineapples harvested	farms	-	1	-	2	-	-	6
	acres	-	(D)	-	(D)	-	-	21 692
	tons	-	(D)	-	(D)	-	-	667 303
Irrigated	farms	-	1	-	-	-	-	6
	acres	-	(D)	-	-	-	-	19 647
Vegetables harvested for sale (see text)	farms	-	2	-	2	1	-	2
	acres	-	(D)	-	(D)	(D)	-	(D)
Irrigated	farms	-	2	-	-	1	-	1
	acres	-	(D)	-	-	(D)	-	(D)
Farms by acres harvested:								
0.1 to 4.9 acres		-	1	-	2	-	-	1
5.0 to 24.9 acres		-	-	-	-	-	-	1
25.0 to 99.9 acres		-	-	-	-	-	-	-
100.0 to 249.9 acres		-	-	-	-	-	-	-
250.0 acres or more		-	1	-	-	1	-	-
Land in orchards	farms	8	8	-	7	6	7	15
	acres	456	117	-	270	947	2 130	17 128
Irrigated	farms	2	4	-	2	2	2	5
	acres	(D)	19	-	(D)	(D)	(D)	3 782
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres		1	4	-	3	1	2	2
5.0 to 24.9 acres		1	3	-	2	2	1	2
25.0 to 99.9 acres		5	1	-	1	-	1	-
100.0 to 249.9 acres		1	-	-	1	1	-	1
250.0 acres or more		-	-	-	-	2	3	10

[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 Value of Agricultural Products Sold: 1987**

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

Item	All farms	$500,000 or more		$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
		$1,000,000 or more	Total				
FARMS AND LAND IN FARMS							
Farms ..... number	4 870	61	97	83	195	287	118
..... percent	100.0	1.3	2.0	1.7	4.0	5.9	2.4
Land in farms ..... acres	1 721 521	798 610	898 323	307 935	287 416	45 205	6 108
Average size of farm ..... acres	353	13 092	9 261	3 710	1 474	158	52
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... farms	4 870	61	97	83	195	287	118
..... $1,000	609 740	465 703	491 254	27 435	31 261	19 671	5 180
Average per farm ..... dollars	125 203	7 634 480	5 064 474	330 537	160 311	68 539	43 899
Farms by value of sales:							
Less than $1,000 (see text)	650	-	-	-	-	-	-
$1,000 to $2,499	752	-	-	-	-	-	-
$2,500 to $4,999	674	-	-	-	-	-	-
$5,000 to $9,999	745	-	-	-	-	-	-
$10,000 to $19,999	685	-	-	-	-	-	-
$20,000 to $24,999	226	-	-	-	-	-	-
$25,000 to $39,999	358	-	-	-	-	-	-
$40,000 to $49,999	118	-	-	-	-	-	118
$50,000 to $99,999	287	-	-	-	-	287	-
$100,000 to $249,999	195	-	-	-	195	-	-
$250,000 to $499,999	83	-	-	83	-	-	-
$500,000 to $999,999	36	-	36	-	-	-	-
$1,000,000 or more	61	61	61	-	-	-	-
Grains ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
Corn for grain ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
Wheat ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
Soybeans ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
Sorghum for grain ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
Barley ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
Oats ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
Other grains ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
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	7	-	1	-	1	-	-
..... $1,000	630	-	(D)	-	(D)	-	-
Sales of $50,000 or more ..... farms	1	-	1	-	-	-	-
..... $1,000	(D)	-	(D)	-	-	-	-
Vegetables, sweet corn, and melons ..... farms	708	2	6	17	45	69	33
..... $1,000	25 790	(D)	(D)	(D)	5 993	3 828	929
Sales of $50,000 or more ..... farms	114	1	5	17	42	50	-
..... $1,000	19 352	(D)	(D)	(D)	5 948	3 427	-
Fruits, nuts, and berries ..... farms	1 747	14	18	9	28	69	52
..... $1,000	157 332	131 037	133 377	1 813	3 157	3 666	1 904
Sales of $50,000 or more ..... farms	95	14	18	6	21	50	-
..... $1,000	141 644	131 037	133 377	1 796	3 095	3 376	-
Nursery and greenhouse crops ..... farms	1 139	9	21	35	84	106	34
..... $1,000	56 527	12 192	19 202	9 626	12 905	6 597	1 308
Sales of $50,000 or more ..... farms	224	8	19	32	80	93	-
..... $1,000	47 869	(D)	(D)	(D)	12 857	6 282	-
Other crops ..... farms	497	15	15	5	25	39	20
..... $1,000	258 037	247 252	247 252	1 241	2 683	2 121	571
Sales of $50,000 or more ..... farms	66	14	14	4	18	30	-
..... $1,000	253 056	(D)	(D)	(D)	2 590	1 998	-
Poultry and poultry products ..... farms	99	8	14	5	4	3	-
..... $1,000	21 009	14 197	18 446	1 636	(D)	(D)	-
Sales of $50,000 or more ..... farms	23	8	14	4	3	2	-
..... $1,000	20 835	14 197	18 446	(D)	(D)	(D)	-
Dairy products ..... farms	23	11	15	4	1	-	-
..... $1,000	31 299	26 805	29 986	(D)	(D)	-	-
Sales of $50,000 or more ..... farms	20	11	15	4	1	-	-
..... $1,000	31 266	26 805	29 986	(D)	(D)	-	-
Cattle and calves ..... farms	807	19	28	13	29	25	5
..... $1,000	43 881	28 458	32 380	2 608	4 236	1 456	87
Sales of $50,000 or more ..... farms	74	15	20	8	25	21	-
..... $1,000	40 341	28 324	32 172	2 539	4 226	1 404	-

See footnotes at end of table.

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

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

Item	$25,000 to $39,999	$20,000 to $24,999	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500
FARMS AND LAND IN FARMS						
Farms ..... number	358	226	685	745	674	1 402
..... percent	7.4	4.6	14.1	15.3	13.8	28.8
Land in farms ..... acres	34 964	18 069	36 935	25 123	17 366	44 077
Average size of farm ..... acres	98	80	54	34	26	31
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD						
Total sales (see text) ..... farms	358	226	685	745	674	1 402
..... $1,000	11 260	4 988	9 590	5 310	2 419	1 374
Average per farm ..... dollars	31 451	22 069	13 999	7 127	3 589	980
Farms by value of sales:						
Less than $1,000 (see text)	-	-	-	-	-	650
$1,000 to $2,499	-	-	-	-	-	752
$2,500 to $4,999	-	-	-	-	674	-
$5,000 to $9,999	-	-	-	745	-	-
$10,000 to $19,999	-	-	685	-	-	-
$20,000 to $24,999	-	226	-	-	-	-
$25,000 to $39,999	358	-	-	-	-	-
$40,000 to $49,999	-	-	-	-	-	-
$50,000 to $99,999	-	-	-	-	-	-
$100,000 to $249,999	-	-	-	-	-	-
$250,000 to $499,999	-	-	-	-	-	-
$500,000 to $999,999	-	-	-	-	-	-
$1,000,000 or more	-	-	-	-	-	-
Grains ..... farms	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-
Corn for grain ..... farms	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-
Wheat ..... farms	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-
Soybeans ..... farms	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-
Sorghum for grain ..... farms	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-
Barley ..... farms	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-
Oats ..... farms	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-
Other grains ..... farms	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-
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	2	1	1	-	1	-
..... $1,000	(D)	(D)	(D)	-	(D)	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-
Vegetables, sweet corn, and melons ..... farms	83	55	119	105	87	89
..... $1,000	1 915	1 036	1 220	542	232	110
Sales of $50,000 or more ..... farms	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-
Fruits, nuts, and berries ..... farms	147	104	307	349	265	399
..... $1,000	4 156	1 998	3 815	2 203	810	433
Sales of $50,000 or more ..... farms	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-
Nursery and greenhouse crops ..... farms	84	48	161	184	179	203
..... $1,000	2 187	819	(D)	1 098	561	(D)
Sales of $50,000 or more ..... farms	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-
Other crops ..... farms	69	31	106	85	49	53
..... $1,000	1 687	594	1 171	521	133	63
Sales of $50,000 or more ..... farms	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-
Poultry and poultry products ..... farms	5	4	12	10	17	25
..... $1,000	34	(D)	59	(D)	(D)	7
Sales of $50,000 or more ..... farms	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-
Dairy products ..... farms	1	-	-	1	-	1
..... $1,000	(D)	-	-	(D)	-	(D)
Sales of $50,000 or more ..... farms	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-
Cattle and calves ..... farms	23	24	78	118	146	318
..... $1,000	459	314	885	665	433	358
Sales of $50,000 or more ..... farms	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-

See footnotes at end of table.

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

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

Item	All farms	$500,000 or more		$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
		$1,000,000 or more	Total				
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.							
Total sales (see text)—Con.							
Hogs and pigs ---- farms	307	2	6	9	9	25	11
$1,000	10 371	(D)	2 658	3 137	1 052	1 633	381
Sales of $50,000 or more ---- farms	45	2	5	9	8	23	-
$1,000	8 359	(D)	(D)	3 137	(D)	(D)	-
Sheep, lambs, and wool ---- farms	27	2	3	2	-	2	-
$1,000	105	(D)	(D)	(D)	-	(D)	-
Sales of $50,000 or more ---- farms	1	-	1	-	-	-	-
$1,000	(D)	-	(D)	-	-	-	-
Other livestock and livestock products (see text) ---- farms	148	6	10	5	7	9	-
$1,000	4 759	2 800	2 808	818	366	264	-
Sales of $50,000 or more ---- farms	10	2	2	3	2	3	-
$1,000	4 097	(D)	(D)	(D)	(D)	207	-
FARM PRODUCTION EXPENSES[1]							
Total farm production expenses ---- farms	4 868	61	97	83	195	286	118
$1,000	495 759	380 009	401 314	20 181	25 818	13 307	3 440
Average per farm ---- dollars	101 840	6 229 649	4 137 262	243 143	132 399	46 529	29 153
Livestock and poultry purchased ---- farms	589	19	32	21	28	32	9
$1,000	15 230	10 216	11 562	930	983	571	43
Farms with expenses of—							
$1 to $4,999	444	2	2	6	4	12	6
$5,000 to $24,999	84	1	5	8	12	9	3
$25,000 to $99,999	40	4	8	4	11	11	-
$100,000 or more	21	12	17	3	1	-	-
Feed for livestock and poultry ---- farms	945	26	43	27	38	46	19
$1,000	42 629	29 626	34 907	3 432	1 748	1 163	142
Farms with expenses of—							
$1 to $4,999	744	-	-	5	4	9	11
$5,000 to $24,999	97	2	3	4	14	13	6
$25,000 to $99,999	44	-	-	3	15	24	2
$100,000 or more	60	24	40	15	5	-	-
Commercially mixed formula feeds ---- farms	358	20	35	14	18	24	6
$1,000	19 012	11 564	15 081	1 889	950	618	74
Farms with expenses of—							
$1 to $4,999	256	-	-	-	2	6	2
$5,000 to $24,999	37	1	3	5	7	5	2
$25,000 to $79,999	21	-	-	2	4	13	2
$80,000 or more	44	19	32	7	5	-	-
Seeds, bulbs, plants, and trees ---- farms	1 484	18	31	30	102	135	54
$1,000	12 316	8 851	9 740	430	944	406	116
Farms with expenses of—							
$1 to $999	1 077	-	1	4	25	64	26
$1,000 to $4,999	289	2	3	17	43	52	22
$5,000 to $24,999	83	3	9	3	25	18	6
$25,000 or more	35	13	18	6	9	1	-
Commercial fertilizer ---- farms	3 524	36	57	59	157	237	106
$1,000	30 717	24 022	24 629	762	1 385	951	315
Farms with expenses of—							
$1 to $4,999	3 200	2	8	21	67	166	89
$5,000 to $24,999	263	4	12	31	79	69	16
$25,000 to $49,999	25	2	6	5	9	2	1
$50,000 or more	36	28	31	2	2	-	-
Agricultural chemicals ---- farms	3 881	41	68	66	169	251	108
$1,000	18 233	13 025	13 485	464	915	771	238
Farms with expenses of—							
$1 to $4,999	3 634	6	17	29	104	208	99
$5,000 to $24,999	205	5	16	35	63	42	9
$25,000 to $49,999	13	5	8	2	-	1	-
$50,000 or more	29	25	27	-	2	-	-
Petroleum products ---- farms	4 503	61	96	82	193	271	116
$1,000	17 197	11 873	12 245	584	935	718	192
Farms with expenses of—							
$1 to $4,999	4 242	1	13	36	125	238	112
$5,000 to $24,999	218	23	45	45	66	32	4
$25,000 to $49,999	17	12	12	1	2	1	-
$50,000 or more	26	25	26	-	-	-	-
Gasoline and gasohol ---- farms	4 151	58	92	76	181	254	109
$1,000	6 379	2 737	2 903	384	586	450	155
Diesel fuel ---- farms	1 468	50	79	50	113	173	48
$1,000	8 560	7 381	7 556	150	264	200	19
Natural gas ---- farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
LP gas, fuel oil, kerosene, motor oil, grease, etc. ---- farms	2 782	57	92	80	178	241	107
$1,000	2 258	1 754	1 787	50	85	69	19

See footnotes at end of table.

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

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

Item	$25,000 to $39,999	$20,000 to $24,999	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.						
Total sales (see text)—Con.						
Hogs and pigs ---- farms	19	14	34	43	58	79
$1,000	535	130	383	217	170	74
Sales of $50,000 or more ---- farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Sheep, lambs, and wool ---- farms	-	1	2	11	1	5
$1,000	-	(D)	(D)	4	(D)	(D)
Sales of $50,000 or more ---- farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Other livestock and livestock products (see text) ---- farms	8	7	15	20	28	39
$1,000	182	78	108	43	56	36
Sales of $50,000 or more ---- farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
FARM PRODUCTION EXPENSES[1]						
Total farm production expenses ---- farms	358	226	685	741	676	1 403
$1,000	6 771	3 672	8 471	4 268	2 891	5 625
Average per farm ---- dollars	18 913	16 249	12 367	5 760	4 277	4 009
Livestock and poultry purchased ---- farms	34	23	65	85	82	178
$1,000	165	93	299	225	114	246
Farms with expenses of—						
$1 to $4,999	21	15	49	77	81	171
$5,000 to $24,999	13	8	14	7	1	4
$25,000 to $99,999	-	-	2	1	-	3
$100,000 or more	-	-	-	-	-	-
Feed for livestock and poultry ---- farms	44	25	102	134	148	319
$1,000	329	102	273	143	167	223
Farms with expenses of—						
$1 to $4,999	22	18	85	131	145	314
$5,000 to $24,999	22	7	17	3	3	5
$25,000 to $99,999	-	-	-	-	-	-
$100,000 or more	-	-	-	-	-	-
Commercially mixed formula feeds ---- farms	21	14	36	41	51	98
$1,000	152	48	71	28	31	70
Farms with expenses of—						
$1 to $4,999	12	12	34	41	51	96
$5,000 to $24,999	9	2	2	-	-	2
$25,000 to $79,999	-	-	-	-	-	-
$80,000 or more	-	-	-	-	-	-
Seeds, bulbs, plants, and trees ---- farms	149	88	231	213	176	275
$1,000	159	86	165	104	51	114
Farms with expenses of—						
$1 to $999	102	62	187	197	162	247
$1,000 to $4,999	39	23	37	15	13	25
$5,000 to $24,999	8	3	7	-	1	3
$25,000 or more	-	-	-	1	-	-
Commercial fertilizer ---- farms	308	199	553	569	465	814
$1,000	643	310	705	393	215	409
Farms with expenses of—						
$1 to $4,999	278	193	540	566	463	809
$5,000 to $24,999	30	5	11	3	2	5
$25,000 to $49,999	-	-	2	-	-	-
$50,000 or more	-	1	-	-	-	-
Agricultural chemicals ---- farms	324	209	592	608	512	974
$1,000	453	248	578	348	263	471
Farms with expenses of—						
$1 to $4,999	312	206	583	603	506	967
$5,000 to $24,999	12	3	7	5	6	7
$25,000 to $49,999	-	-	2	-	-	-
$50,000 or more	-	-	-	-	-	-
Petroleum products ---- farms	350	221	666	713	650	1 145
$1,000	482	274	635	417	276	439
Farms with expenses of—						
$1 to $4,999	342	212	658	711	650	1 145
$5,000 to $24,999	8	9	7	2	-	-
$25,000 to $49,999	-	-	1	-	-	-
$50,000 or more	-	-	-	-	-	-
Gasoline and gasohol ---- farms	334	206	618	663	583	1 035
$1,000	360	202	455	344	216	326
Diesel fuel ---- farms	125	85	198	176	131	290
$1,000	81	46	105	37	32	73
Natural gas ---- farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
LP gas, fuel oil, kerosene, motor oil, grease, etc. ---- farms	278	171	422	401	314	498
$1,000	42	27	76	35	29	41

See footnotes at end of table.

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

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

Item	All farms	$500,000 or more		$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
		$1,000,000 or more	Total				
FARM PRODUCTION EXPENSES[1] —Con.							
Total farm production expenses—Con.							
Electricity ---- farms	1 868	58	91	67	151	203	71
$1,000	5 611	3 953	4 147	256	425	199	45
Farms with expenses of—							
$1 to $999	1 436	-	3	17	54	135	57
$1,000 to $4,999	316	6	20	31	82	62	14
$5,000 to $24,999	79	20	35	17	13	6	-
$25,000 or more	37	32	33	2	2	-	-
Hired farm labor ---- farms	1 224	61	95	80	171	170	39
$1,000	193 230	164 013	170 177	6 032	7 813	3 152	818
Farms with expenses of—							
$1 to $4,999	550	-	1	-	6	39	8
$5,000 to $24,999	311	-	2	9	47	87	25
$25,000 to $99,999	234	4	11	47	104	44	5
$100,000 or more	129	57	81	24	14	-	1
Contract labor ---- farms	768	10	18	20	53	72	39
$1,000	5 885	1 964	2 242	203	805	600	275
Farms with expenses of—							
$1 to $999	223	-	-	5	1	11	4
$1,000 to $4,999	334	-	-	6	17	29	15
$5,000 to $24,999	178	2	6	7	25	28	20
$25,000 or more	33	8	12	2	10	4	-
Repair and maintenance ---- farms	3 612	60	94	81	183	252	112
$1,000	25 557	19 229	19 944	880	1 358	694	210
Farms with expenses of—							
$1 to $4,999	3 300	5	13	32	106	209	101
$5,000 to $24,999	245	13	30	42	69	43	11
$25,000 to $49,999	28	9	16	5	6	-	-
$50,000 or more	39	33	35	2	2	-	-
Customwork, machine hire, and rental of machinery and equipment ---- farms	698	27	38	20	54	59	20
$1,000	8 175	6 843	7 138	193	139	117	27
Farms with expenses of—							
$1 to $999	434	3	5	2	19	33	11
$1,000 to $4,999	191	2	5	10	28	16	7
$5,000 to $24,999	49	6	8	5	7	10	2
$25,000 or more	24	16	20	3	-	-	-
Interest expense ---- farms	1 285	42	69	57	126	167	53
$1,000	22 930	14 289	15 235	1 245	2 393	1 011	279
Farms with expenses of—							
$1 to $4,999	847	1	2	14	41	95	37
$5,000 to $24,999	324	7	17	24	58	68	13
$25,000 to $99,999	97	22	37	17	25	4	3
$100,000 or more	17	12	13	2	2	-	-
Secured by real estate ---- farms	721	25	45	28	76	82	26
$1,000	15 097	9 247	9 839	773	1 509	715	181
Farms with expenses of—							
$1 to $999	119	-	1	-	4	7	4
$1,000 to $4,999	284	-	-	3	17	21	9
$5,000 to $24,999	238	1	6	13	41	51	11
$25,000 or more	80	24	38	12	14	3	2
Not secured by real estate ---- farms	726	29	44	38	76	109	34
$1,000	7 833	5 043	5 396	472	884	296	97
Farms with expenses of—							
$1 to $999	286	-	-	2	7	45	16
$1,000 to $4,999	293	2	4	13	31	45	15
$5,000 to $24,999	117	13	24	18	31	18	2
$25,000 or more	30	14	16	5	7	1	1
Cash rent ---- farms	1 668	42	60	50	117	140	51
$1,000	15 910	11 174	11 658	638	1 050	631	142
Farms with expenses of—							
$1 to $4,999	1 438	2	7	22	66	113	45
$5,000 to $9,999	96	1	2	10	21	14	4
$10,000 to $24,999	67	8	15	9	17	11	1
$25,000 or more	67	31	36	9	13	2	1
Property taxes ---- farms	3 926	51	82	68	159	233	95
$1,000	5 142	2 297	2 464	413	408	260	62
Farms with expenses of—							
$1 to $4,999	3 827	12	34	55	149	229	94
$5,000 to $9,999	43	4	9	6	3	2	1
$10,000 to $24,999	27	16	19	2	4	1	-
$25,000 or more	29	19	20	5	3	1	-
All other farm production expenses ---- farms	4 428	61	97	83	194	285	117
$1,000	76 996	58 633	61 741	3 720	4 516	2 065	537
Farms with expenses of—							
$1 to $4,999	3 801	-	1	6	41	168	85
$5,000 to $24,999	407	4	13	28	87	104	31
$25,000 to $49,999	87	4	9	16	42	13	1
$50,000 or more	133	53	74	33	24	-	-

See footnotes at end of table.

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

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

Item	$25,000 to $39,999	$20,000 to $24,999	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500
FARM PRODUCTION EXPENSES[1] —Con.						
Total farm production expenses—Con.						
Electricity ..... farms	190	111	289	229	188	278
$1,000	120	55	141	100	36	86
Farms with expenses of—						
$1 to $999	162	98	261	200	187	262
$1,000 to $4,999	26	13	24	28	1	15
$5,000 to $24,999	2	-	4	1	-	1
$25,000 or more	-	-	-	-	-	-
Hired farm labor ..... farms	131	71	145	86	72	164
$1,000	1 121	865	2 136	361	169	586
Farms with expenses of—						
$1 to $4,999	68	43	102	71	65	147
$5,000 to $24,999	55	21	35	13	5	12
$25,000 to $99,999	8	5	3	1	2	4
$100,000 or more	-	2	5	1	-	1
Contract labor ..... farms	99	41	115	110	73	128
$1,000	545	171	445	171	109	319
Farms with expenses of—						
$1 to $999	18	8	29	49	35	63
$1,000 to $4,999	40	22	59	55	35	56
$5,000 to $24,999	40	9	26	6	3	8
$25,000 or more	1	2	1	-	-	1
Repair and maintenance ..... farms	327	199	551	544	448	821
$1,000	490	295	602	367	283	434
Farms with expenses of—						
$1 to $4,999	314	190	539	539	441	816
$5,000 to $24,999	12	9	12	5	7	5
$25,000 to $49,999	1	-	-	-	-	-
$50,000 or more	-	-	-	-	-	-
Customwork, machine hire, and rental of machinery and equipment ..... farms	72	35	89	77	80	154
$1,000	66	64	129	47	49	207
Farms with expenses of—						
$1 to $999	52	25	55	64	63	105
$1,000 to $4,999	20	8	29	13	17	38
$5,000 to $24,999	-	1	5	-	-	11
$25,000 or more	-	1	-	-	-	-
Interest expense ..... farms	149	70	169	144	94	187
$1,000	470	247	528	467	299	757
Farms with expenses of—						
$1 to $4,999	121	53	136	118	82	148
$5,000 to $24,999	27	17	32	25	10	33
$25,000 to $99,999	1	-	1	1	2	6
$100,000 or more	-	-	-	-	-	-
Secured by real estate ..... farms	77	36	81	90	53	127
$1,000	305	156	314	408	264	634
Farms with expenses of—						
$1 to $999	18	8	18	27	8	24
$1,000 to $4,999	37	16	41	39	33	68
$5,000 to $24,999	21	12	21	23	10	29
$25,000 or more	1	-	1	1	2	6
Not secured by real estate ..... farms	93	43	106	61	41	81
$1,000	164	91	214	59	35	124
Farms with expenses of—						
$1 to $999	42	24	51	41	21	37
$1,000 to $4,999	46	15	46	18	20	40
$5,000 to $24,999	5	4	9	2	-	4
$25,000 or more	-	-	-	-	-	-
Cash rent ..... farms	177	106	266	244	174	283
$1,000	375	214	504	251	173	274
Farms with expenses of—						
$1 to $4,999	159	95	246	236	171	278
$5,000 to $9,999	15	7	10	8	2	3
$10,000 to $24,999	1	3	7	-	1	2
$25,000 or more	2	1	3	-	-	-
Property taxes ..... farms	255	181	523	604	536	1 190
$1,000	151	118	264	304	245	454
Farms with expenses of—						
$1 to $4,999	254	179	520	596	532	1 185
$5,000 to $9,999	1	1	3	8	4	5
$10,000 to $24,999	-	1	-	-	-	-
$25,000 or more	-	-	-	-	-	-
All other farm production expenses ..... farms	356	225	683	656	593	1 139
$1,000	1 201	528	1 069	570	444	605
Farms with expenses of—						
$1 to $4,999	274	200	651	654	587	1 134
$5,000 to $24,999	81	24	30	1	5	3
$25,000 to $49,999	1	1	1	-	1	2
$50,000 or more	-	-	1	1	-	-

See footnotes at end of table.

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

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

Item	All farms	$500,000 or more		$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
		$1,000,000 or more	Total				
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT[1]							
All farms ..... number	4 869	61	97	83	195	286	118
$1,000	113 904	85 695	89 940	7 254	5 443	6 300	1 740
Average per farm ..... dollars	23 394	1 404 831	927 212	87 394	27 912	22 030	14 746
Farms with net gains[2] ..... number	3 132	49	77	68	157	240	110
Average net gain ..... dollars	43 761	1 821 604	1 233 008	118 256	57 999	31 355	21 034
Gain of—							
Less than $1,000	484	-	-	-	2	3	2
$1,000 to $9,999	1 549	1	1	1	5	25	21
$10,000 to $49,999	848	-	3	10	62	179	87
$50,000 or more	251	48	73	57	88	33	-
Farms with net losses ..... number	1 737	12	20	15	38	46	8
Average net loss ..... dollars	13 331	296 991	250 101	52 516	96 396	26 627	71 721
Loss of—							
Less than $1,000	426	-	-	1	1	3	-
$1,000 to $9,999	990	-	2	2	2	11	1
$10,000 to $49,999	235	2	2	4	13	28	2
$50,000 or more	86	10	16	8	22	4	5
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME							
Government payments ..... farms	62	6	7	1	4	6	3
$1,000	1 768	(D)	1 628	(D)	13	20	2
Other farm-related income[1] ..... farms	530	14	18	10	20	30	8
$1,000	3 730	1 305	1 348	74	250	195	22
Customwork and other agricultural services ..... farms	239	5	5	2	4	11	3
$1,000	1 947	600	600	(D)	(D)	172	(D)
Gross cash rent or share payments ..... farms	124	11	13	4	8	4	1
$1,000	1 301	(D)	672	17	161	(D)	(D)
Forest products and Christmas trees ..... farms	36	-	-	1	1	2	1
$1,000	152	-	-	(D)	(D)	(D)	(D)
Other farm-related income sources ..... farms	156	1	4	5	8	14	5
$1,000	330	(D)	76	10	39	12	(Z)
COMMODITY CREDIT CORPORATION LOANS							
Total ..... farms	6	-	-	2	-	2	-
$1,000	394	-	-	(D)	-	(D)	-
Corn ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Wheat ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Soybeans ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Sorghum, barley, and oats ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Cotton ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey ..... farms	6	-	-	2	-	2	-
$1,000	394	-	-	(D)	-	(D)	-
LAND IN FARMS ACCORDING TO USE							
Total cropland ..... farms	4 170	37	58	65	166	254	110
acres	327 396	234 440	238 885	5 839	23 445	9 758	1 906
Harvested cropland ..... farms	3 837	35	56	60	161	243	110
acres	152 719	122 856	126 797	1 970	3 670	3 597	1 319
Farms by acres harvested:							
1 to 49 acres	3 746	5	18	47	145	233	109
50 to 99 acres	42	3	6	8	14	8	-
100 to 199 acres	13	-	2	5	-	1	-
200 to 499 acres	7	3	5	-	1	-	1
500 to 999 acres	7	4	4	-	1	1	-
1,000 to 1,999 acres	2	1	1	-	-	-	-
2,000 acres or more	20	19	20	-	-	-	-
Cropland:							
Pasture or grazing only ..... farms	460	1	3	9	9	16	2
acres	40 504	(D)	(D)	3 275	13 582	2 848	(D)
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms	119	1	1	-	5	7	2
acres	2 639	(D)	(D)	-	16	(D)	(D)
On which all crops failed ..... farms	54	-	-	-	1	12	-
acres	122	-	-	-	(D)	(D)	-
In cultivated summer fallow ..... farms	56	1	1	-	6	10	-
acres	795	(D)	(D)	-	(D)	50	-
Idle ..... farms	839	27	32	16	56	74	24
acres	130 617	111 151	111 368	594	6 059	3 192	471
Total woodland ..... farms	216	5	7	6	6	18	3
acres	99 135	(D)	11 155	53 387	12 790	6 627	140
Woodland pastured ..... farms	71	1	1	4	1	7	1
acres	27 517	(D)	(D)	16 598	(D)	1 276	(D)
Woodland not pastured ..... farms	163	4	6	4	5	15	3
acres	71 618	(D)	(D)	36 789	(D)	5 351	(D)

See footnotes at end of table.

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

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

Item	$25,000 to $39,999	$20,000 to $24,999	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT[1]						
All farms ..... number	358	226	685	741	676	1 404
$1,000	4 489	1 315	1 118	1 014	-465	-4 244
Average per farm ..... dollars	12 539	5 820	1 633	1 369	-688	-3 023
Farms with net gains[2] ..... number	324	189	577	590	419	381
Average net gain ..... dollars	16 017	12 503	7 485	3 784	1 820	699
Gain of—						
Less than $1,000	3	3	36	53	100	282
$1,000 to $9,999	88	55	398	537	319	99
$10,000 to $49,999	233	131	143	-	-	-
$50,000 or more	-	-	-	-	-	-
Farms with net losses ..... number	34	37	108	151	257	1 023
Average net loss ..... dollars	20 602	28 317	29 636	8 065	4 776	4 409
Loss of—						
Less than $1,000	5	3	12	26	61	314
$1,000 to $9,999	15	18	61	90	160	628
$10,000 to $49,999	7	12	24	32	35	76
$50,000 or more	7	4	11	3	1	5
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME						
Government payments ..... farms	1	6	7	8	5	14
$1,000	(D)	(D)	18	18	9	42
Other farm-related income[1] ..... farms	58	25	67	82	80	132
$1,000	518	210	298	348	187	280
Customwork and other agricultural services ..... farms	26	10	33	46	37	62
$1,000	301	85	236	266	94	115
Gross cash rent or share payments ..... farms	9	7	10	17	14	37
$1,000	(D)	73	(D)	43	43	115
Forest products and Christmas trees ..... farms	2	3	2	5	10	9
$1,000	(D)	49	(D)	13	25	5
Other farm-related income sources ..... farms	21	6	25	17	20	31
$1,000	67	3	24	27	25	46
COMMODITY CREDIT CORPORATION LOANS						
Total ..... farms	2	-	-	-	-	-
$1,000	(D)	-	-	-	-	-
Corn ..... farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Wheat ..... farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Soybeans ..... farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Sorghum, barley, and oats ..... farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Cotton ..... farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey ..... farms	2	-	-	-	-	-
$1,000	(D)	-	-	-	-	-
LAND IN FARMS ACCORDING TO USE						
Total cropland ..... farms	331	211	619	672	565	1 119
acres	5 107	5 761	8 479	9 646	4 813	13 757
Harvested cropland ..... farms	325	207	596	629	511	939
acres	2 676	2 370	3 023	2 147	1 504	3 646
Farms by acres harvested:						
1 to 49 acres	323	205	593	629	510	934
50 to 99 acres	2	-	1	-	1	2
100 to 199 acres	-	1	2	-	-	2
200 to 499 acres	-	-	-	-	-	-
500 to 999 acres	-	-	-	-	-	1
1,000 to 1,999 acres	-	1	-	-	-	-
2,000 acres or more	-	-	-	-	-	-
Cropland:						
Pasture or grazing only ..... farms	16	19	44	72	70	200
acres	(D)	1 775	4 340	5 555	2 188	5 379
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms	18	9	13	19	8	37
acres	140	911	32	1 160	17	267
On which all crops failed ..... farms	3	10	7	3	7	11
acres	(D)	20	9	6	10	34
In cultivated summer fallow ..... farms	8	4	12	4	8	3
acres	72	21	46	15	27	39
Idle ..... farms	64	47	120	103	103	200
acres	1 018	664	1 029	763	1 067	4 392
Total woodland ..... farms	13	4	14	41	23	81
acres	3 792	226	4 728	1 303	2 181	2 806
Woodland pastured ..... farms	2	1	5	12	11	26
acres	(D)	(D)	1 514	692	1 650	1 850
Woodland not pastured ..... farms	12	3	9	32	15	59
acres	(D)	(D)	3 214	611	531	956

See footnotes at end of table.

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

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

Item	All farms	$500,000 or more		$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
		$1,000,000 or more	Total				
LAND IN FARMS ACCORDING TO USE—Con.							
Pastureland and rangeland other than cropland and woodland pastured ..... farms	614	23	31	16	31	33	5
acres	977 093	333 572	411 520	199 421	242 003	20 475	3 813
Land in house lots, ponds, roads, wasteland, etc. ..... farms	2 198	50	76	54	97	147	64
acres	317 897	(D)	236 763	49 288	9 178	8 345	249
Cropland under federal acreage reduction programs:							
Annual commodity acreage adjustment programs ..... farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
Conservation reserve program ..... farms	1	-	-	-	-	-	-
acres	(D)	-	-	-	-	-	-
Value of land and buildings[1] ..... farms	4 869	61	97	83	195	286	118
$1,000	2 938 125	1 103 990	1 264 342	147 871	307 910	150 122	28 823
Average per farm ..... dollars	603 435	18 098 197	13 034 454	1 781 578	1 579 026	524 902	244 263
Average per acre ..... dollars	1 707	1 382	1 407	480	1 071	3 331	4 719
Farms by value group:							
$1 to $39,999	1 013	-	1	2	3	8	12
$40,000 to $69,999	551	-	-	2	2	19	17
$70,000 to $99,999	386	1	1	2	4	26	8
$100,000 to $149,999	598	-	-	5	10	32	15
$150,000 to $199,999	479	-	1	3	16	31	21
$200,000 to $499,999	1 189	2	9	23	67	105	29
$500,000 to $999,999	370	10	20	20	51	41	12
$1,000,000 to $1,999,999	149	8	14	12	20	16	3
$2,000,000 to $4,999,999	62	9	13	7	9	4	1
$5,000,000 or more	72	31	38	7	13	4	-
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ..... farms	4 836	61	97	83	195	286	118
$1,000	199 280	121 749	125 998	6 232	10 314	9 061	2 469
Farms by value group:							
$1 to $4,999	1 116	-	-	2	8	26	14
$5,000 to $9,999	1 601	-	-	2	14	41	17
$10,000 to $19,999	969	1	1	3	23	61	37
$20,000 to $49,999	788	5	14	24	79	107	38
$50,000 to $99,999	212	4	14	33	45	35	11
$100,000 to $199,999	87	12	25	14	18	13	1
$200,000 to $499,999	37	16	18	5	7	3	-
$500,000 or more	26	23	25	-	1	-	-
SELECTED MACHINERY AND EQUIPMENT[1]							
Motortrucks, including pickups ..... farms	4 222	60	94	83	189	271	113
number	9 270	2 848	3 023	290	514	563	196
Wheel tractors ..... farms	2 336	52	83	60	149	188	65
number	4 506	720	838	174	360	392	104
Less than 40 horsepower (PTO) ..... farms	1 797	26	43	43	111	149	43
number	2 550	112	162	81	182	219	61
40 horsepower (PTO) or more ..... farms	932	42	65	45	89	102	32
number	1 956	608	676	93	178	173	43
Grain and bean combines ..... farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Cottonpickers and strippers ..... farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Mower conditioners ..... farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Pickup balers ..... farms	5	1	1	-	1	-	-
number	8	(D)	(D)	-	(D)	-	-
AGRICULTURAL CHEMICALS[1]							
Commercial fertilizer ..... farms	3 522	36	57	59	157	237	106
acres on which used	225 457	189 926	195 127	2 127	5 800	4 464	1 264
Lime ..... farms	825	8	13	26	52	75	29
acres on which used	21 544	15 781	16 301	590	675	743	269
tons	23 220	17 445	17 814	597	864	600	265
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms	2 008	25	41	54	124	186	79
acres on which used	68 150	56 985	57 610	1 482	2 344	1 491	503
Nematodes in crops ..... farms	663	14	19	29	65	84	26
acres on which used	15 792	12 521	12 785	426	695	549	86
Diseases in crops and orchards ..... farms	1 151	13	23	37	79	142	52
acres on which used	(D)	10 443	11 027	791	991	1 260	375
Weeds, grass, or brush in crops and pasture ..... farms	2 887	37	54	52	135	205	91
acres on which used	235 871	199 240	203 807	1 521	8 320	3 941	963
Chemicals for defoliation or for growth control of crops or thinning of fruit ..... farms	212	14	17	6	4	9	7
acres on which used	57 481	56 400	56 666	40	15	83	110

See footnotes at end of table.

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

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

Item	$25,000 to $39,999	$20,000 to $24,999	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500
LAND IN FARMS ACCORDING TO USE—Con.						
Pastureland and rangeland other than cropland and woodland pastured ..... farms	23	19	58	72	98	228
acres	25 098	10 571	21 565	12 673	8 725	21 229
Land in house lots, ponds, roads, wasteland, etc. ..... farms	169	99	278	326	280	608
acres	967	1 511	2 163	1 501	1 647	6 285
Cropland under federal acreage reduction programs:						
Annual commodity acreage adjustment programs ..... farms	-	-	-	-	-	-
acres	-	-	-	-	-	-
Conservation reserve program ..... farms	-	-	-	-	1	-
acres	-	-	-	-	(D)	-
Value of land and buildings[1] ..... farms	358	226	685	741	676	1 404
$1,000	86 299	75 340	185 166	304 752	126 385	261 115
Average per farm ..... dollars	241 059	333 363	270 315	411 271	186 960	185 979
Average per acre ..... dollars	2 468	4 170	5 013	12 429	7 276	5 913
Farms by value group:						
$1 to $39,999	50	54	176	193	180	334
$40,000 to $69,999	53	29	78	79	82	190
$70,000 to $99,999	28	16	62	43	67	129
$100,000 to $149,999	47	24	81	120	80	184
$150,000 to $199,999	32	18	67	78	66	146
$200,000 to $499,999	109	58	158	172	144	315
$500,000 to $999,999	27	14	30	37	41	77
$1,000,000 to $1,999,999	9	6	23	10	13	23
$2,000,000 to $4,999,999	2	6	6	7	2	5
$5,000,000 or more	1	1	4	2	1	1
VALUE OF MACHINERY AND EQUIPMENT[1]						
Estimated market value of all machinery and equipment ..... farms	358	226	685	737	663	1 388
$1,000	6 582	4 333	9 656	8 113	5 867	10 657
Farms by value group:						
$1 to $4,999	65	43	173	198	242	345
$5,000 to $9,999	69	48	195	229	220	766
$10,000 to $19,999	103	54	181	204	129	173
$20,000 to $49,999	98	65	110	88	66	99
$50,000 to $99,999	16	13	18	16	6	5
$100,000 to $199,999	7	2	5	2	-	-
$200,000 to $499,999	-	1	3	-	-	-
$500,000 or more	-	-	-	-	-	-
SELECTED MACHINERY AND EQUIPMENT[1]						
Motortrucks, including pickups ..... farms	322	203	629	650	571	1 097
number	551	344	889	878	710	1 312
Wheel tractors ..... farms	197	133	305	339	253	564
number	332	231	506	500	324	745
Less than 40 horsepower (PTO) ..... farms	152	101	255	259	211	430
number	221	144	342	338	247	553
40 horsepower (PTO) or more ..... farms	75	55	109	126	62	172
number	111	87	164	162	77	192
Grain and bean combines ..... farms	-	-	-	-	-	-
number	-	-	-	-	-	-
Cottonpickers and strippers ..... farms	-	-	-	-	-	-
number	-	-	-	-	-	-
Mower conditioners ..... farms	-	-	-	-	-	-
number	-	-	-	-	-	-
Pickup balers ..... farms	2	1	-	-	-	-
number	(D)	(D)	-	-	-	-
AGRICULTURAL CHEMICALS[1]						
Commercial fertilizer ..... farms	308	199	551	569	465	814
acres on which used	2 695	2 455	3 970	2 182	1 882	3 491
Lime ..... farms	88	48	123	127	100	144
acres on which used	513	363	486	422	576	606
tons	578	233	544	357	693	675
Sprays, dusts, granules, fumigants, etc., to control—						
Insects on hay and other crops ..... farms	199	123	318	298	251	335
acres on which used	1 104	527	1 190	675	440	784
Nematodes in crops ..... farms	86	31	107	90	62	64
acres on which used	358	89	398	217	77	112
Diseases in crops and orchards ..... farms	136	64	180	141	125	172
acres on which used	737	321	836	338	(D)	441
Weeds, grass, or brush in crops and pasture ..... farms	253	161	486	435	350	665
acres on which used	2 295	2 988	4 067	2 365	1 820	3 784
Chemicals for defoliation or for growth control of crops or thinning of fruit ..... farms	16	14	35	22	29	53
acres on which used	100	73	159	59	51	125

See footnotes at end of table.

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

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

Item	All farms	$500,000 or more		$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
		$1,000,000 or more	Total				
TENURE AND RACE OF OPERATOR							
All operators	4 870	61	97	83	195	287	118
Full owners	2 549	14	31	26	53	111	57
Part owners	768	28	37	20	70	75	18
Tenants	1 553	19	29	37	72	101	43
White	1 713	39	52	29	65	72	27
Full owners	945	7	11	11	19	33	15
Part owners	304	21	24	8	22	17	4
Tenants	464	11	17	10	24	22	8
Black and other races	3 157	22	45	54	130	215	91
Full owners	1 604	7	20	15	34	78	42
Part owners	464	7	13	12	48	58	14
Tenants	1 089	8	12	27	48	79	35
OWNED AND RENTED LAND							
Land owned — farms	3 333	42	68	46	124	186	75
acres	886 170	454 353	499 181	215 723	78 615	22 861	1 406
Owned land in farms — farms	3 317	42	68	46	123	186	75
acres	848 906	424 894	468 313	215 441	77 871	22 709	1 404
Land rented or leased from others — farms	2 331	49	69	57	144	176	61
acres	904 484	382 373	449 593	92 568	216 258	22 525	4 721
Rented or leased land in farms — farms	2 321	47	66	57	142	176	61
acres	872 615	373 716	430 010	92 494	209 545	22 496	4 704
Land rented or leased to others — farms	250	20	23	6	16	13	3
acres	69 133	38 116	50 451	356	7 457	181	19
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	2 750	32	54	43	104	151	60
Not on farm operated	1 713	24	38	36	81	118	55
Not reported	407	5	5	4	10	18	3
Operators by principal occupation:							
Farming	2 816	54	89	76	172	251	93
Other	2 054	7	8	7	23	36	25
Operators by days of work off farm:							
None	1 723	50	72	58	128	172	68
Any	2 728	10	20	21	55	90	41
1 to 99 days	624	3	4	9	20	19	10
100 to 199 days	628	2	4	5	8	16	4
200 days or more	1 476	5	12	7	27	55	27
Not reported	419	1	5	4	12	25	9
Operators by years on present farm:							
2 years or less	491	11	14	5	10	16	6
3 or 4 years	580	7	11	5	14	37	16
5 to 9 years	1 042	15	18	22	41	66	43
10 years or more	1 907	19	40	45	99	127	37
Average years on present farm	13.3	10.8	12.8	15.3	14.4	14.0	11.4
Not reported	850	9	14	6	31	41	16
Operators by age group:							
Under 25 years	28	-	-	-	1	3	2
25 to 34 years	505	3	4	10	24	44	16
35 to 44 years	1 151	13	27	26	63	81	28
45 to 49 years	411	8	13	6	18	15	14
50 to 54 years	354	10	11	12	20	27	9
55 to 59 years	555	14	17	8	19	39	13
60 to 64 years	672	7	11	7	33	43	21
65 to 69 years	495	2	6	8	10	17	7
70 years and over	699	4	8	6	7	18	8
Average age	53.0	51.9	51.7	50.0	48.5	49.0	49.8
Operators by sex:							
Male	4 210	60	95	81	188	255	105
Female	660	1	2	2	7	32	13
Operators of Spanish origin (see text)	110	2	2	1	3	5	4
FARMS BY TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) — farms	4 035	2	9	30	99	203	91
acres	429 021	(D)	615	168 451	129 307	13 490	5 726
Partnership — farms	404	4	9	15	30	40	10
acres	169 792	30 882	34 274	67 011	23 211	24 829	90
Corporation:							
Family held — farms	282	30	52	25	50	29	13
acres	542 953	277 532	373 804	42 812	100 885	3 439	218
More than 10 stockholders — farms	5	-	2	1	1	-	-
10 or less stockholders — farms	277	30	50	24	49	29	13
Other than family held — farms	88	24	26	11	13	10	2
acres	356 096	(D)	(D)	(D)	29 899	208	(D)
More than 10 stockholders — farms	17	12	12	1	2	1	-
10 or less stockholders — farms	71	12	14	10	11	9	2
Other—cooperative, estate or trust, institutional, etc. — farms	61	1	1	2	3	5	2
acres	223 659	(D)	(D)	(D)	4 114	3 239	(D)

See footnotes at end of table.

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

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

Item	$25,000 to $39,999	$20,000 to $24,999	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500
TENURE AND RACE OF OPERATOR						
All operators	358	226	685	745	674	1 402
Full owners	126	101	304	416	413	911
Part owners	62	39	104	100	78	165
Tenants	170	86	277	229	183	326
White	91	60	200	243	226	648
Full owners	37	29	100	138	130	422
Part owners	16	9	33	45	37	89
Tenants	38	22	67	60	59	137
Black and other races	267	166	485	502	448	754
Full owners	89	72	204	278	283	489
Part owners	46	30	71	55	41	76
Tenants	132	64	210	169	124	189
OWNED AND RENTED LAND						
Land owned — farms	188	140	415	518	494	1 079
acres	5 861	8 170	8 494	7 823	9 181	28 855
Owned land in farms — farms	188	140	408	516	491	1 076
acres	5 801	6 840	8 093	7 441	7 200	27 793
Land rented or leased from others — farms	232	125	381	330	262	494
acres	29 192	12 794	28 940	17 698	10 242	19 953
Rented or leased land in farms — farms	232	125	381	329	261	491
acres	29 163	11 229	28 842	17 682	10 166	16 284
Land rented or leased to others — farms	16	19	33	26	31	64
acres	89	2 895	499	398	2 057	4 731
OPERATOR CHARACTERISTICS						
Operators by place of residence:						
On farm operated	174	126	415	435	394	794
Not on farm operated	155	84	229	243	206	468
Not reported	29	16	41	67	74	140
Operators by principal occupation:						
Farming	271	168	437	418	325	516
Other	87	58	248	327	349	886
Operators by days of work off farm:						
None	153	82	227	222	192	349
Any	159	124	399	450	413	956
1 to 99 days	43	27	87	96	93	216
100 to 199 days	36	35	112	123	98	187
200 days or more	80	62	200	231	222	553
Not reported	46	20	59	73	69	97
Operators by years on present farm:						
2 years or less	37	24	85	56	60	178
3 or 4 years	50	18	95	93	73	168
5 to 9 years	89	35	135	168	146	279
10 years or more	133	110	276	304	256	480
Average years on present farm	12.0	15.2	13.4	14.2	13.8	12.2
Not reported	49	39	94	124	139	297
Operators by age group:						
Under 25 years	-	2	4	3	2	11
25 to 34 years	51	26	88	77	45	120
35 to 44 years	111	69	131	157	117	341
45 to 49 years	27	11	46	70	55	136
50 to 54 years	22	15	48	45	55	90
55 to 59 years	43	30	76	79	92	139
60 to 64 years	53	26	103	86	94	195
65 to 69 years	25	18	88	86	88	142
70 years and over	26	29	101	142	126	228
Average age	49.2	51.2	53.8	54.4	56.4	53.6
Operators by sex:						
Male	319	196	584	613	564	1 210
Female	39	30	101	132	110	192
Operators of Spanish origin (see text)	6	3	14	14	21	37
FARMS BY TYPE OF ORGANIZATION						
Individual or family (sole proprietorship) — farms	287	193	594	673	616	1 240
acres	20 032	9 010	25 855	17 460	13 097	25 978
Partnership — farms	44	18	55	45	34	104
acres	2 926	1 231	5 668	2 384	2 445	5 723
Corporation:						
Family held — farms	20	8	19	15	19	32
acres	11 651	6 163	983	390	1 423	1 185
More than 10 stockholders — farms	-	-	1	-	-	-
10 or less stockholders — farms	20	8	18	15	19	32
Other than family held — farms	3	3	4	5	1	10
acres	62	991	3 520	(D)	(D)	1 504
More than 10 stockholders — farms	-	-	1	-	-	-
10 or less stockholders — farms	3	3	3	5	1	10
Other—cooperative, estate or trust, institutional, etc. — farms	4	4	13	7	4	16
acres	293	674	909	(D)	(D)	9 687

See footnotes at end of table.

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

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

Item	All farms	$500,000 or more		$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
		$1,000,000 or more	Total				
FARMS BY SIZE							
1 to 9 acres	2 855	1	18	17	51	109	51
10 to 49 acres	1 401	11	15	36	87	130	60
50 to 69 acres	120	2	4	5	11	10	2
70 to 99 acres	102	5	5	6	8	11	-
100 to 139 acres	81	2	3	4	5	-	1
140 to 179 acres	38	-	2	2	-	4	-
180 to 219 acres	39	1	2	2	3	2	1
220 to 259 acres	13	-	-	-	1	-	-
260 to 499 acres	76	3	4	2	3	3	-
500 to 999 acres	31	3	4	-	3	5	1
1,000 to 1,999 acres	36	6	7	1	4	9	1
2,000 acres or more	78	27	33	8	19	4	1
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)	-	-	-	-	-	-	-
Field crops, except cash grains (013)	398	14	15	4	18	30	13
Cotton (0131)	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	398	14	15	4	18	30	13
Vegetables and melons (016)	551	1	5	17	41	55	20
Fruits and tree nuts (017)	1 713	12	15	5	20	53	43
Horticultural specialties (018)	1 011	8	19	31	77	98	29
General farms, primarily crop (019)	23	-	-	-	-	1	2
Livestock, except dairy, poultry, and animal specialties (021)	977	5	12	16	33	45	11
Beef cattle, except feedlots (0212)	662	2	6	8	22	18	2
Dairy farms (024)	22	11	15	4	1	-	-
Poultry and eggs (025)	44	8	14	4	3	2	-
Animal specialties (027)	99	2	2	2	2	3	-
General farms, primarily livestock and animal specialties (029)	32	-	-	-	-	-	-
LIVESTOCK							
Cattle and calves inventory — farms	1 003	19	28	16	30	25	10
— number	211 045	85 343	110 619	20 351	38 413	7 444	869
Farms with—							
1 to 9	344	-	-	2	3	1	6
10 to 49	386	-	-	1	1	3	1
50 to 99	102	-	-	1	2	2	1
100 to 199	70	1	1	2	1	5	-
200 to 499	40	3	6	2	2	9	1
500 or more	61	15	21	8	21	5	1
Cows and heifers that had calved — farms	769	18	27	14	26	19	3
— number	95 263	35 577	47 714	9 385	19 889	3 114	188
Beef cows — farms	724	8	14	10	25	19	3
— number	83 427	25 777	36 629	8 850	(D)	(D)	188
Farms with—							
1 to 9	321	-	-	1	2	1	2
10 to 49	267	-	-	1	2	4	-
50 to 99	54	1	2	-	-	2	-
100 to 199	26	-	-	-	1	5	1
200 to 499	23	2	2	1	5	7	-
500 or more	33	5	10	7	15	-	-
Milk cows — farms	73	11	15	5	2	1	-
— number	11 836	9 800	11 085	535	(D)	(D)	-
Farms with—							
1 to 4	49	-	-	1	-	1	-
5 to 9	4	-	-	-	1	-	-
10 to 49	-	-	-	-	-	-	-
50 to 99	2	-	-	1	1	-	-
100 to 199	2	-	-	2	-	-	-
200 to 499	8	3	7	1	-	-	-
500 or more	8	8	8	-	-	-	-
Heifers and heifer calves — farms	753	18	27	13	26	20	7
— number	61 394	28 388	36 182	5 045	8 088	2 263	450
Steers, steer calves, bulls, and bull calves — farms	865	16	25	13	27	24	8
— number	54 388	21 378	26 723	5 921	10 436	2 067	231
Cattle and calves sold — farms	807	19	28	13	29	25	5
— number	101 315	54 714	64 929	8 938	12 699	4 019	217
— $1,000	43 881	28 458	32 380	2 608	4 236	1 456	87
Calves — farms	391	10	13	8	11	10	1
— number	16 199	3 454	4 835	2 015	4 012	1 051	(D)
— $1,000	3 654	738	1 035	438	924	283	(D)
Cattle — farms	609	19	28	11	28	23	4
— number	85 116	51 260	60 094	6 923	8 687	2 968	(D)
— $1,000	40 226	27 721	31 345	2 170	3 312	1 174	(D)
Fattened on grain and concentrates — farms	87	3	4	3	3	4	1
— number	42 295	(D)	40 210	202	1 143	(D)	(D)
— $1,000	24 594	(D)	23 474	152	572	(D)	(D)

See footnotes at end of table.

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

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

Item	$25,000 to $39,999	$20,000 to $24,999	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500
FARMS BY SIZE						
1 to 9 acres	173	120	437	526	448	905
10 to 49 acres	156	78	172	136	150	381
50 to 69 acres	7	5	9	14	22	31
70 to 99 acres	4	1	10	19	16	22
100 to 139 acres	7	1	14	16	12	18
140 to 179 acres	2	2	6	3	4	13
180 to 219 acres	1	2	6	8	5	7
220 to 259 acres	-	3	3	2	2	2
260 to 499 acres	2	6	16	13	12	15
500 to 999 acres	-	4	4	5	2	3
1,000 to 1,999 acres	2	3	3	2	1	3
2,000 acres or more	4	1	5	1	-	2
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION						
Cash grains (011)	-	-	-	-	-	-
Field crops, except cash grains (013)	56	26	82	71	40	43
Cotton (0131)	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	56	26	82	71	40	43
Vegetables and melons (016)	59	47	89	79	61	78
Fruits and tree nuts (017)	130	90	269	300	224	564
Horticultural specialties (018)	71	37	138	159	160	192
General farms, primarily crop (019)	4	2	4	5	3	2
Livestock, except dairy, poultry, and animal specialties (021)	30	19	91	123	166	431
Beef cattle, except feedlots (0212)	14	13	61	85	107	326
Dairy farms (024)	1	-	-	-	-	1
Poultry and eggs (025)	1	-	5	2	4	9
Animal specialties (027)	6	4	7	4	15	54
General farms, primarily livestock and animal specialties (029)	-	1	-	2	1	28
LIVESTOCK						
Cattle and calves inventory — farms	34	30	86	139	163	442
— number	3 532	3 220	8 614	6 768	4 418	6 797
Farms with—						
1 to 9	12	11	12	35	43	219
10 to 49	6	6	21	49	95	203
50 to 99	8	1	18	35	19	15
100 to 199	4	5	25	17	6	4
200 to 499	2	5	9	3	-	1
500 or more	2	2	1	-	-	-
Cows and heifers that had calved — farms	25	28	76	95	129	327
— number	1 753	1 413	4 406	2 662	2 051	2 688
Beef cows — farms	24	27	76	92	122	312
— number	(D)	(D)	(D)	2 648	2 019	2 634
Farms with—						
1 to 9	5	10	13	22	45	220
10 to 49	9	8	29	58	69	87
50 to 99	5	4	21	8	7	5
100 to 199	3	4	10	1	1	-
200 to 499	1	1	3	3	-	-
500 or more	1	-	-	-	-	-
Milk cows — farms	2	1	1	7	12	27
— number	(D)	(D)	(D)	14	32	54
Farms with—						
1 to 4	2	-	1	7	11	26
5 to 9	-	1	-	-	1	1
10 to 49	-	-	-	-	-	-
50 to 99	-	-	-	-	-	-
100 to 199	-	-	-	-	-	-
200 to 499	-	-	-	-	-	-
500 or more	-	-	-	-	-	-
Heifers and heifer calves — farms	25	20	76	108	121	310
— number	831	1 049	2 081	2 074	1 226	2 105
Steers, steer calves, bulls, and bull calves — farms	29	20	77	126	140	376
— number	948	758	2 127	2 032	1 141	2 004
Cattle and calves sold — farms	23	24	78	118	146	318
— number	1 391	1 118	2 928	2 239	1 473	1 364
— $1,000	459	314	885	665	433	358
Calves — farms	15	14	39	57	72	151
— number	(D)	513	1 141	995	601	605
— $1,000	(D)	122	259	234	144	116
Cattle — farms	18	20	66	88	112	211
— number	(D)	605	1 787	1 244	872	759
— $1,000	(D)	192	626	431	288	242
Fattened on grain and concentrates — farms	-	3	5	16	14	34
— number	-	3	50	103	63	98
— $1,000	-	1	25	45	27	37

See footnotes at end of table.

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

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

Item	All farms	$500,000 or more: $1,000,000 or more	$500,000 or more: Total	$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
LIVESTOCK—Con.							
Hogs and pigs inventory ..... farms	372	2	6	10	9	27	12
number	47 564	(D)	5 351	14 362	5 739	9 699	1 529
Farms with—							
1 to 24	198	-	-	1	1	2	3
25 to 49	50	-	-	-	-	-	-
50 to 99	39	-	1	-	-	-	2
100 to 199	33	-	-	-	1	-	6
200 to 499	31	-	1	1	2	22	1
500 or more	21	2	4	8	5	3	-
Used or to be used for breeding ..... farms	255	2	5	9	8	24	9
number	6 696	(D)	906	1 557	765	1 283	201
Other ..... farms	349	2	6	10	8	27	12
number	40 868	(D)	4 445	12 805	4 974	8 416	1 328
Hogs and pigs sold ..... farms	307	2	6	9	9	25	11
number	69 019	(D)	15 326	19 653	8 447	11 173	2 370
$1,000	10 371	(D)	2 658	3 137	1 052	1 633	381
Feeder pigs ..... farms	60	1	1	-	1	-	1
number	3 267	(D)	(D)	-	(D)	-	(D)
$1,000	199	(D)	(D)	-	(D)	-	(D)
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 ..... farms	261	2	5	9	9	24	10
number	9 601	(D)	1 477	2 736	1 083	1 852	355
Dec. 1 and May 31 ..... farms	245	2	5	9	8	24	10
number	4 931	(D)	698	1 340	556	1 016	188
June 1 and Nov. 30 ..... farms	220	2	5	9	9	24	10
number	4 670	(D)	779	1 396	527	836	167
Sheep and lambs of all ages inventory ..... farms	42	2	3	2	-	2	-
number	21 908	(D)	(D)	(D)	-	(D)	-
Ewes 1 year old or older ..... farms	33	1	2	2	-	1	-
number	10 983	(D)	(D)	(D)	-	(D)	-
Sheep and lambs sold ..... farms	26	2	3	2	-	2	-
number	(D)	(D)	(D)	(D)	-	(D)	-
Sheep and lambs shorn ..... farms	15	1	2	1	-	1	-
number	3 196	(D)	(D)	(D)	-	(D)	-
pounds of wool	39 997	(D)	(D)	(D)	-	(D)	-
Horses and ponies inventory ..... farms	537	12	17	11	18	20	3
number	3 551	530	720	193	283	202	36
Horses and ponies sold ..... farms	63	2	6	2	4	5	-
number	236	(D)	92	(D)	32	14	-
Goats inventory ..... farms	74	1	1	-	1	3	-
number	938	(D)	(D)	-	(D)	222	-
Goats sold ..... farms	34	1	1	-	1	1	-
number	436	(D)	(D)	-	(D)	(D)	-
POULTRY							
Chickens 3 months old or older inventory ..... farms	181	6	8	5	3	3	-
number	(D)	(D)	(D)	112 776	38 012	13 556	-
Farms with—							
1 to 399	159	-	-	1	1	-	-
400 to 3,199	8	-	-	1	-	2	-
3,200 to 9,999	-	-	-	-	-	-	-
10,000 to 19,999	2	-	-	-	1	1	-
20,000 to 49,999	5	1	1	3	1	-	-
50,000 to 99,999	4	2	4	-	-	-	-
100,000 or more	3	3	3	-	-	-	-
Hens and pullets of laying age ..... farms	177	6	8	5	2	3	-
number	(D)	(D)	(D)	(D)	(D)	(D)	-
Pullets 3 months old or older not of laying age ..... farms	53	4	4	1	1	3	-
number	118 012	75 684	75 684	(D)	(D)	(D)	-
Hens and pullets sold ..... farms	31	7	9	4	2	1	-
number	824 182	(D)	616 960	35 619	(D)	(D)	-
Broilers and other meat-type chickens sold ..... farms	12	2	5	-	1	-	-
number	2 069 316	(D)	1 893 297	-	(D)	-	-
Farms with—							
1 to 1,999	6	-	-	-	-	-	-
2,000 to 59,999	-	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-	-
100,000 or more	6	2	5	-	1	-	-
Turkey hens kept for breeding ..... farms	4	-	-	-	-	-	-
number	10	-	-	-	-	-	-
Turkeys sold ..... farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-

See footnotes at end of table.

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

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

Item	$25,000 to $39,999	$20,000 to $24,999	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500
LIVESTOCK—Con.						
Hogs and pigs inventory ..... farms	23	16	33	51	68	117
number	3 182	626	2 296	1 607	1 645	1 528
Farms with—						
1 to 24	5	10	5	29	43	99
25 to 49	1	2	8	7	19	13
50 to 99	2	3	13	11	3	4
100 to 199	12	-	6	4	3	1
200 to 499	2	1	1	-	-	-
500 or more	1	-	-	-	-	-
Used or to be used for breeding ..... farms	16	13	27	39	41	64
number	560	127	387	348	281	281
Other ..... farms	22	15	31	48	61	109
number	2 622	499	1 909	1 259	1 364	1 247
Hogs and pigs sold ..... farms	19	14	34	43	58	79
number	3 547	1 079	3 023	2 244	1 394	763
$1,000	535	130	383	217	170	74
Feeder pigs ..... farms	4	3	5	11	13	21
number	179	192	671	739	272	304
$1,000	9	9	29	34	11	11
Litters of pigs farrowed between—						
Dec. 1 of preceding year and Nov. 30 ..... farms	16	13	28	40	43	64
number	457	151	532	365	311	282
Dec. 1 and May 31 ..... farms	16	13	26	39	41	54
number	250	102	287	205	176	113
June 1 and Nov. 30 ..... farms	16	9	25	33	36	44
number	207	49	245	160	135	169
Sheep and lambs of all ages inventory ..... farms	1	1	2	12	7	12
number	(D)	(D)	(D)	159	103	293
Ewes 1 year old or older ..... farms	-	1	2	11	4	10
number	-	(D)	(D)	(D)	13	(D)
Sheep and lambs sold ..... farms	-	1	2	11	-	5
number	-	(D)	(D)	59	-	24
Sheep and lambs shorn ..... farms	-	-	1	6	1	3
number	-	-	(D)	57	(D)	(D)
pounds of wool	-	-	(D)	387	(D)	(D)
Horses and ponies inventory ..... farms	25	17	57	73	87	209
number	152	85	286	388	351	855
Horses and ponies sold ..... farms	2	4	5	9	15	11
number	(D)	11	11	16	29	22
Goats inventory ..... farms	3	2	5	9	16	34
number	33	(D)	58	64	185	236
Goats sold ..... farms	1	1	3	4	9	13
number	(D)	(D)	19	39	57	77
POULTRY						
Chickens 3 months old or older inventory ..... farms	10	7	20	22	36	67
number	2 734	676	3 237	453	1 770	1 358
Farms with—						
1 to 399	9	6	19	22	34	67
400 to 3,199	1	1	1	-	2	-
3,200 to 9,999	-	-	-	-	-	-
10,000 to 19,999	-	-	-	-	-	-
20,000 to 49,999	-	-	-	-	-	-
50,000 to 99,999	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	-
Hens and pullets of laying age ..... farms	10	7	18	22	36	66
number	2 194	(D)	2 697	396	1 630	1 167
Pullets 3 months old or older not of laying age ..... farms	4	2	3	6	11	18
number	540	(D)	540	57	140	191
Hens and pullets sold ..... farms	-	-	3	4	4	4
number	-	-	44	101	340	118
Broilers and other meat-type chickens sold ..... farms	1	1	-	2	-	2
number	(D)	(D)	-	(D)	-	(D)
Farms with—						
1 to 1,999	1	1	-	2	-	2
2,000 to 59,999	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	-
Turkey hens kept for breeding ..... farms	-	-	-	1	-	3
number	-	-	-	(D)	-	(D)
Turkeys sold ..... farms	-	-	-	-	-	-
number	-	-	-	-	-	-

See footnotes at end of table.

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

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

Item		All farms	$500,000 or more		$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
			$1,000,000 or more	Total				
CROPS HARVESTED								
Sugarcane for sugar	farms	79	13	13	4	5	6	3
	acres	79 234	78 027	78 027	297	255	98	35
	tons	7 934 181	7 829 580	7 829 580	30 300	24 276	8 904	2 439
Irrigated	farms	17	11	11	1	-	1	1
	acres	49 121	49 047	49 047	(D)	-	(D)	(D)
Pineapples harvested	farms	18	6	7	2	1	-	1
	acres	22 262	(D)	21 942	(D)	(D)	-	(D)
	tons	683 182	(D)	676 803	(D)	(D)	-	(D)
Irrigated	farms	9	6	6	1	-	-	1
	acres	19 674	19 647	19 647	(D)	-	-	(D)
Vegetables harvested for sale (see text)	farms	710	2	6	17	45	69	34
	acres	5 587	(D)	979	970	1 170	760	250
Irrigated	farms	552	2	6	16	41	66	24
	acres	5 045	(D)	979	910	1 068	751	213
Farms by acres harvested:								
0.1 to 4.9 acres		499	1	1	-	4	21	15
5.0 to 24.9 acres		156	-	1	1	18	41	18
25.0 to 99.9 acres		50	-	1	15	22	7	1
100.0 to 249.9 acres		3	-	1	1	1	-	-
250.0 acres or more		2	1	2	-	-	-	-
Land in orchards	farms	2 128	11	15	10	33	80	55
	acres	33 564	15 711	17 498	287	1 017	2 363	974
Irrigated	farms	576	5	6	5	12	25	17
	acres	6 704	(D)	4 240	154	349	135	116
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres		1 217	-	1	4	4	15	10
5.0 to 24.9 acres		821	1	1	-	16	43	37
25.0 to 99.9 acres		69	-	-	6	12	20	7
100.0 to 249.9 acres		6	1	2	-	1	1	-
250.0 acres or more		15	9	11	-	-	1	1

See footnotes at end of table.

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

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

Item		$25,000 to $39,999	$20,000 to $24,999	$10,000 to $19,999	$5,000 to $9,999	$2,500 to $4,999	Less than $2,500
CROPS HARVESTED							
Sugarcane for sugar	farms	16	1	14	7	7	3
	acres	271	(D)	(D)	51	34	9
	tons	22 487	(D)	(D)	2 008	1 886	498
Irrigated	farms	-	1	2	-	-	-
	acres	-	(D)	(D)	-	-	-
Pineapples harvested	farms	-	1	-	3	3	-
	acres	-	(D)	-	5	3	-
	tons	-	(D)	-	41	55	-
Irrigated	farms	-	-	-	-	1	-
	acres	-	-	-	-	(D)	-
Vegetables harvested for sale (see text)	farms	83	55	119	106	87	89
	acres	458	209	369	202	92	128
Irrigated	farms	56	50	83	78	64	68
	acres	354	178	280	155	64	94
Farms by acres harvested:							
0.1 to 4.9 acres		43	42	103	100	86	84
5.0 to 24.9 acres		38	13	14	6	1	5
25.0 to 99.9 acres		2	-	2	-	-	-
100.0 to 249.9 acres		-	-	-	-	-	-
250.0 acres or more		-	-	-	-	-	-
Land in orchards	farms	161	109	333	364	289	679
	acres	1 574	1 910	1 902	1 635	1 131	3 273
Irrigated	farms	42	35	72	91	71	200
	acres	220	202	279	286	189	535
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres		36	28	158	240	216	505
5.0 to 24.9 acres		120	80	170	122	69	163
25.0 to 99.9 acres		5	-	5	2	4	8
100.0 to 249.9 acres		-	-	-	-	-	2
250.0 acres or more		-	1	-	-	-	1

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

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

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
FARMS AND LAND IN FARMS								
Farms ..... number	4 870	-	398	-	-	398	551	1 713
percent	100.0	-	8.2	-	-	8.2	11.3	35.2
Land in farms ..... acres	1 721 521	-	444 650	-	-	444 650	8 477	113 112
Average size of farm ..... acres	353	-	1 117	-	-	1 117	15	66
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms	4 870	-	398	-	-	398	551	1 713
$1,000	609 740	-	260 183	-	-	260 183	25 977	155 715
Average per farm ..... dollars	125 203	-	653 727	-	-	653 727	47 145	90 902
Farms by value of sales:								
Less than $1,000 (see text)	650	-	3	-	-	3	11	342
$1,000 to $2,499	752	-	40	-	-	40	67	222
$2,500 to $4,999	674	-	40	-	-	40	61	224
$5,000 to $9,999	745	-	71	-	-	71	79	300
$10,000 to $19,999	685	-	82	-	-	82	89	269
$20,000 to $24,999	226	-	26	-	-	26	47	90
$25,000 to $39,999	358	-	56	-	-	56	59	130
$40,000 to $49,999	118	-	13	-	-	13	20	43
$50,000 to $99,999	287	-	30	-	-	30	55	53
$100,000 to $249,999	195	-	18	-	-	18	41	20
$250,000 to $499,999	83	-	4	-	-	4	17	5
$500,000 to $999,999	36	-	1	-	-	1	4	3
$1,000,000 or more	61	-	14	-	-	14	1	12
Grains ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Corn for grain ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Wheat ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Soybeans ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Sorghum for grain ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Barley ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Oats ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Other grains ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
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	7	-	4	-	-	4	-	-
$1,000	630	-	596	-	-	596	-	-
Sales of $50,000 or more ..... farms	1	-	1	-	-	1	-	-
$1,000	(D)	-	(D)	-	-	(D)	-	-
Vegetables, sweet corn, and melons ..... farms	708	-	51	-	-	51	551	49
$1,000	25 790	-	202	-	-	202	25 026	239
Sales of $50,000 or more ..... farms	114	-	1	-	-	1	113	-
$1,000	19 352	-	(D)	-	-	(D)	(D)	-
Fruits, nuts, and berries ..... farms	1 747	-	22	-	-	22	77	1 502
$1,000	157 332	-	1 473	-	-	1 473	283	155 071
Sales of $50,000 or more ..... farms	95	-	3	-	-	3	1	90
$1,000	141 644	-	(D)	-	-	(D)	(D)	140 063
Nursery and greenhouse crops ..... farms	1 139	-	14	-	-	14	31	56
$1,000	56 527	-	51	-	-	51	290	239
Sales of $50,000 or more ..... farms	224	-	-	-	-	-	2	-
$1,000	47 869	-	-	-	-	-	(D)	-
Other crops ..... farms	497	-	394	-	-	394	56	19
$1,000	258 037	-	257 521	-	-	257 521	268	72
Sales of $50,000 or more ..... farms	66	-	66	-	-	66	-	-
$1,000	253 056	-	253 056	-	-	253 056	-	-
Poultry and poultry products ..... farms	99	-	1	-	-	1	9	10
$1,000	21 009	-	(D)	-	-	(D)	1	4
Sales of $50,000 or more ..... farms	23	-	-	-	-	-	-	-
$1,000	20 835	-	-	-	-	-	-	-
Dairy products ..... farms	23	-	-	-	-	-	-	-
$1,000	31 299	-	-	-	-	-	-	-
Sales of $50,000 or more ..... farms	20	-	-	-	-	-	-	-
$1,000	(D)	-	-	-	-	-	-	-
Cattle and calves ..... farms	807	-	10	-	-	10	10	37
$1,000	43 881	-	335	-	-	335	11	75
Sales of $50,000 or more ..... farms	74	-	1	-	-	1	-	-
$1,000	40 341	-	(D)	-	-	(D)	-	-

See footnotes at end of table.

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

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

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total	Beef cattle, except feedlots (0212)				
FARMS AND LAND IN FARMS								
Farms ..... number	1 011	23	977	662	22	44	99	32
..... percent	20.8	.5	20.1	13.6	.5	.9	2.0	.7
Land in farms ..... acres	11 347	452	1 107 084	816 370	18 142	2 152	4 937	11 168
Average size of farm ..... acres	11	20	1 133	1 233	825	49	50	349
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms	1 011	23	977	662	22	44	99	32
..... $1,000	56 150	414	52 033	16 310	33 047	(D)	4 569	(D)
Average per farm ..... dollars	55 539	18 012	53 258	24 638	1 502 154	(D)	46 149	(D)
Farms by value of sales:								
Less than $1,000 (see text)	6	-	217	166	1	6	36	28
$1,000 to $2,499	186	2	214	160	-	3	18	-
$2,500 to $4,999	160	3	166	107	-	4	15	1
$5,000 to $9,999	159	5	123	85	-	2	4	2
$10,000 to $19,999	138	4	91	61	-	5	7	-
$20,000 to $24,999	37	2	19	13	-	-	4	1
$25,000 to $39,999	71	4	30	14	1	1	6	-
$40,000 to $49,999	29	2	11	2	-	-	-	-
$50,000 to $99,999	98	1	45	18	-	2	3	-
$100,000 to $249,999	77	-	33	22	1	3	2	-
$250,000 to $499,999	31	-	16	8	4	4	2	-
$500,000 to $999,999	11	-	7	4	4	6	-	-
$1,000,000 or more	8	-	5	2	11	8	2	-
Grains ..... farms	-	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-	-
Corn for grain ..... farms	-	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-	-
Wheat ..... farms	-	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-	-
Soybeans ..... farms	-	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-	-
Sorghum for grain ..... farms	-	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-	-
Barley ..... farms	-	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-	-
Oats ..... farms	-	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-	-
Other grains ..... farms	-	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-	-
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	2	2	-	-	-	-
..... $1,000	-	(D)	(D)	(D)	-	-	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-	-
Vegetables, sweet corn, and melons ..... farms	23	20	10	3	-	-	3	1
..... $1,000	159	93	(D)	26	-	-	(Z)	(D)
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-	-
Fruits, nuts, and berries ..... farms	65	20	44	23	-	3	13	1
..... $1,000	250	(D)	100	76	-	(D)	37	(D)
Sales of $50,000 or more ..... farms	1	-	-	-	-	-	-	-
..... $1,000	(D)	-	-	-	-	-	-	-
Nursery and greenhouse crops ..... farms	1 011	13	11	9	-	-	2	1
..... $1,000	55 609	109	204	(D)	-	-	(D)	(D)
Sales of $50,000 or more ..... farms	220	-	2	2	-	-	-	-
..... $1,000	47 546	-	(D)	(D)	-	-	-	-
Other crops ..... farms	9	12	6	1	-	-	1	-
..... $1,000	66	60	(D)	(D)	-	-	(D)	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-	-
Poultry and poultry products ..... farms	7	2	18	6	1	44	4	3
..... $1,000	2	(D)	9	8	(D)	20 959	5	10
Sales of $50,000 or more ..... farms	-	-	-	-	-	23	-	-
..... $1,000	-	-	-	-	-	20 835	-	-
Dairy products ..... farms	-	-	-	-	22	-	-	1
..... $1,000	-	-	-	-	(D)	-	-	(D)
Sales of $50,000 or more ..... farms	-	-	-	-	20	-	-	-
..... $1,000	-	-	-	-	(D)	-	-	-
Cattle and calves ..... farms	9	5	702	615	21	2	9	2
..... $1,000	10	12	41 675	15 699	1 642	(D)	17	(D)
Sales of $50,000 or more ..... farms	-	-	64	53	8	1	-	-
..... $1,000	-	-	38 530	12 753	(D)	(D)	-	-

See footnotes at end of table.

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

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

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Hogs and pigs ..... farms	307	-	3	-	-	3	8	10
$1,000	10 371	-	4	-	-	4	38	9
Sales of $50,000 or more ..... farms	45	-	-	-	-	-	-	-
$1,000	8 359	-	-	-	-	-	-	-
Sheep, lambs, and wool ..... farms	27	-	-	-	-	-	-	5
$1,000	105	-	-	-	-	-	-	1
Sales of $50,000 or more ..... farms	1	-	-	-	-	-	-	-
$1,000	(D)	-	-	-	-	-	-	-
Other livestock and livestock products (see text) ..... farms	148	-	2	-	-	2	5	7
$1,000	4 759	-	(D)	-	-	(D)	59	5
Sales of $50,000 or more ..... farms	10	-	-	-	-	-	1	-
$1,000	4 097	-	-	-	-	-	(D)	-
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses ..... farms	4 868	-	398	-	-	398	551	1 709
$1,000	495 759	-	203 278	-	-	203 278	17 595	131 064
Average per farm ..... dollars	101 840	-	510 749	-	-	510 749	31 934	76 690
Livestock and poultry purchased ..... farms	589	-	7	-	-	7	15	45
$1,000	15 230	-	10	-	-	10	15	42
Farms with expenses of—								
$1 to $4,999	444	-	7	-	-	7	14	43
$5,000 to $24,999	84	-	-	-	-	-	1	2
$25,000 to $99,999	40	-	-	-	-	-	-	-
$100,000 or more	21	-	-	-	-	-	-	-
Feed for livestock and poultry ..... farms	945	-	19	-	-	19	25	102
$1,000	42 629	-	28	-	-	28	25	46
Farms with expenses of—								
$1 to $4,999	744	-	18	-	-	18	24	102
$5,000 to $24,999	97	-	1	-	-	1	1	-
$25,000 to $99,999	44	-	-	-	-	-	-	-
$100,000 or more	60	-	-	-	-	-	-	-
Commercially mixed formula feeds ..... farms	358	-	6	-	-	6	11	33
$1,000	19 012	-	4	-	-	4	18	12
Farms with expenses of—								
$1 to $4,999	256	-	6	-	-	6	10	33
$5,000 to $24,999	37	-	-	-	-	-	1	-
$25,000 to $79,999	21	-	-	-	-	-	-	-
$80,000 or more	44	-	-	-	-	-	-	-
Seeds, bulbs, plants, and trees ..... farms	1 484	-	194	-	-	194	450	318
$1,000	12 316	-	7 928	-	-	7 928	480	533
Farms with expenses of—								
$1 to $999	1 077	-	126	-	-	126	356	257
$1,000 to $4,999	289	-	49	-	-	49	81	51
$5,000 to $24,999	83	-	11	-	-	11	11	9
$25,000 or more	35	-	8	-	-	8	2	1
Commercial fertilizer ..... farms	3 524	-	356	-	-	356	535	1 539
$1,000	30 717	-	19 177	-	-	19 177	1 595	8 038
Farms with expenses of—								
$1 to $4,999	3 200	-	296	-	-	296	455	1 430
$5,000 to $24,999	263	-	36	-	-	36	71	91
$25,000 to $49,999	25	-	9	-	-	9	6	3
$50,000 or more	36	-	15	-	-	15	3	15
Agricultural chemicals ..... farms	3 881	-	366	-	-	366	518	1 557
$1,000	18 233	-	8 835	-	-	8 835	1 150	6 166
Farms with expenses of—								
$1 to $4,999	3 634	-	331	-	-	331	464	1 477
$5,000 to $24,999	205	-	20	-	-	20	50	66
$25,000 to $49,999	13	-	2	-	-	2	2	2
$50,000 or more	29	-	13	-	-	13	2	12
Petroleum products ..... farms	4 503	-	393	-	-	393	537	1 571
$1,000	17 197	-	8 596	-	-	8 596	849	4 281
Farms with expenses of—								
$1 to $4,999	4 242	-	358	-	-	358	499	1 526
$5,000 to $24,999	218	-	19	-	-	19	36	34
$25,000 to $49,999	17	-	2	-	-	2	2	3
$50,000 or more	26	-	14	-	-	14	-	8
Gasoline and gasohol ..... farms	4 151	-	355	-	-	355	470	1 461
$1,000	6 379	-	2 169	-	-	2 169	552	1 377
Diesel fuel ..... farms	1 468	-	210	-	-	210	286	353
$1,000	8 560	-	5 142	-	-	5 142	212	2 331
Natural gas ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms	2 782	-	252	-	-	252	382	894
$1,000	2 258	-	1 284	-	-	1 284	85	573

See footnotes at end of table.

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

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

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total	Beef cattle, except feedlots (0212)				
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Hogs and pigs ..... farms..	8	7	265	15	1	2	1	2
$1,000..	48	28	9 606	11	(D)	(D)	(D)	(D)
Sales of $50,000 or more ..... farms..	-	-	42	-	1	2	-	-
$1,000..	-	-	7 725	-	(D)	(D)	-	-
Sheep, lambs, and wool ..... farms..	-	-	16	13	1	1	3	1
$1,000..	-	-	101	99	(D)	(D)	(D)	(D)
Sales of $50,000 or more ..... farms..	-	-	1	1	-	-	-	-
$1,000..	-	-	(D)	(D)	-	-	-	-
Other livestock and livestock products (see text) ..... farms..	8	3	53	33	1	1	66	2
$1,000..	5	(D)	201	155	(D)	(D)	4 478	(D)
Sales of $50,000 or more ..... farms..	-	-	-	-	-	-	9	-
$1,000..	-	-	-	-	-	-	(D)	-
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses ..... farms..	1 011	23	980	665	22	44	99	31
$1,000..	39 051	296	50 454	18 692	29 630	19 663	4 588	139
Average per farm ..... dollars..	38 626	12 879	51 484	28 108	1 346 810	446 894	46 348	4 474
Livestock and poultry purchased ..... farms..	23	5	407	252	15	43	21	8
$1,000..	29	3	11 679	2 146	570	2 770	107	7
Farms with expenses of—								
$1 to $4,999	22	5	305	190	4	21	15	8
$5,000 to $24,999	1	-	67	44	5	3	5	-
$25,000 to $99,999	-	-	28	15	4	7	1	-
$100,000 or more	-	-	7	3	2	12	-	-
Feed for livestock and poultry ..... farms..	42	9	615	361	22	40	61	10
$1,000..	35	16	14 568	2 244	15 830	11 585	484	12
Farms with expenses of—								
$1 to $4,999	41	8	480	318	1	16	44	10
$5,000 to $24,999	1	1	74	30	1	3	15	-
$25,000 to $99,999	-	-	40	7	1	2	1	-
$100,000 or more	-	-	21	6	19	19	1	-
Commercially mixed formula feeds ..... farms..	13	3	198	117	21	40	28	5
$1,000..	5	11	2 882	606	4 265	11 474	335	7
Farms with expenses of—								
$1 to $4,999	13	2	147	104	2	16	22	5
$5,000 to $24,999	-	1	25	10	1	4	5	-
$25,000 to $79,999	-	-	17	1	3	1	-	-
$80,000 or more	-	-	9	2	15	19	1	-
Seeds, bulbs, plants, and trees ..... farms..	448	18	35	18	-	1	12	8
$1,000..	3 329	(D)	24	19	-	(D)	4	3
Farms with expenses of—								
$1 to $999	275	14	30	14	-	1	11	7
$1,000 to $4,999	100	3	3	2	-	-	1	1
$5,000 to $24,999	49	1	2	2	-	-	-	-
$25,000 or more	24	-	-	-	-	-	-	-
Commercial fertilizer ..... farms..	854	21	176	127	2	3	25	13
$1,000..	1 533	21	301	258	(D)	(D)	12	28
Farms with expenses of—								
$1 to $4,999	798	21	159	114	2	2	25	12
$5,000 to $24,999	49	-	14	10	-	1	-	1
$25,000 to $49,999	4	-	3	3	-	-	-	-
$50,000 or more	3	-	-	-	-	-	-	-
Agricultural chemicals ..... farms..	952	19	392	279	6	12	41	18
$1,000..	1 560	21	418	360	19	9	39	16
Farms with expenses of—								
$1 to $4,999	893	18	378	266	5	12	38	18
$5,000 to $24,999	52	1	12	11	1	-	3	-
$25,000 to $49,999	5	-	2	2	-	-	-	-
$50,000 or more	2	-	-	-	-	-	-	-
Petroleum products ..... farms..	943	21	872	583	21	42	84	19
$1,000..	1 226	25	1 457	910	393	172	183	15
Farms with expenses of—								
$1 to $4,999	896	19	813	545	3	32	77	19
$5,000 to $24,999	45	2	54	36	14	9	5	-
$25,000 to $49,999	2	-	4	2	1	1	2	-
$50,000 or more	-	-	1	-	3	-	-	-
Gasoline and gasohol ..... farms..	904	20	790	537	20	41	72	18
$1,000..	951	17	931	566	175	108	85	13
Diesel fuel ..... farms..	258	9	282	198	19	15	31	5
$1,000..	168	3	400	278	187	30	84	1
Natural gas ..... farms..	-	-	-	-	-	-	-	-
$1,000..	-	-	-	-	-	-	-	-
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	588	14	541	343	20	30	52	9
$1,000..	107	5	126	66	30	34	14	1

See footnotes at end of table.

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

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

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
FARM PRODUCTION EXPENSES[1] —Con.								
Total farm production expenses—Con.								
Electricity ..... farms	1 868	-	166	-	-	166	265	558
$1,000	5 611	-	2 035	-	-	2 035	269	1 176
Farms with expenses of—								
$1 to $999	1 436	-	128	-	-	128	197	489
$1,000 to $4,999	316	-	21	-	-	21	56	53
$5,000 to $24,999	79	-	5	-	-	5	11	8
$25,000 or more	37	-	12	-	-	12	1	8
Hired farm labor ..... farms	1 224	-	113	-	-	113	149	397
$1,000	193 230	-	96 614	-	-	96 614	5 384	58 790
Farms with expenses of—								
$1 to $4,999	550	-	48	-	-	48	38	254
$5,000 to $24,999	311	-	26	-	-	26	61	93
$25,000 to $99,999	234	-	16	-	-	16	40	33
$100,000 or more	129	-	23	-	-	23	10	17
Contract labor ..... farms	768	-	83	-	-	83	59	372
$1,000	5 885	-	1 951	-	-	1 951	336	2 110
Farms with expenses of—								
$1 to $999	223	-	26	-	-	26	18	97
$1,000 to $4,999	334	-	32	-	-	32	13	187
$5,000 to $24,999	178	-	16	-	-	16	27	78
$25,000 or more	33	-	9	-	-	9	1	10
Repair and maintenance ..... farms	3 612	-	316	-	-	316	457	1 260
$1,000	25 557	-	12 988	-	-	12 988	970	5 659
Farms with expenses of—								
$1 to $4,999	3 300	-	280	-	-	280	412	1 205
$5,000 to $24,999	245	-	20	-	-	20	42	45
$25,000 to $49,999	28	-	3	-	-	3	3	1
$50,000 or more	39	-	13	-	-	13	-	9
Customwork, machine hire, and rental of machinery and equipment ..... farms	698	-	116	-	-	116	58	234
$1,000	8 175	-	5 158	-	-	5 158	108	1 467
Farms with expenses of—								
$1 to $999	434	-	74	-	-	74	40	153
$1,000 to $4,999	191	-	26	-	-	26	13	56
$5,000 to $24,999	49	-	7	-	-	7	4	17
$25,000 or more	24	-	9	-	-	9	1	8
Interest expense ..... farms	1 285	-	128	-	-	128	196	399
$1,000	22 930	-	5 562	-	-	5 562	1 256	8 853
Farms with expenses of—								
$1 to $4,999	847	-	95	-	-	95	134	308
$5,000 to $24,999	324	-	28	-	-	28	51	71
$25,000 to $99,999	97	-	3	-	-	3	11	14
$100,000 or more	17	-	2	-	-	2	-	6
Secured by real estate ..... farms	721	-	51	-	-	51	106	219
$1,000	15 097	-	3 408	-	-	3 408	921	5 859
Farms with expenses of—								
$1 to $999	119	-	8	-	-	8	19	46
$1,000 to $4,999	284	-	22	-	-	22	41	103
$5,000 to $24,999	238	-	18	-	-	18	38	57
$25,000 or more	80	-	3	-	-	3	8	13
Not secured by real estate ..... farms	726	-	92	-	-	92	118	214
$1,000	7 833	-	2 154	-	-	2 154	335	2 994
Farms with expenses of—								
$1 to $999	286	-	41	-	-	41	57	95
$1,000 to $4,999	293	-	37	-	-	37	43	93
$5,000 to $24,999	117	-	11	-	-	11	16	19
$25,000 or more	30	-	3	-	-	3	2	7
Cash rent ..... farms	1 668	-	212	-	-	212	232	640
$1,000	15 910	-	9 020	-	-	9 020	712	2 440
Farms with expenses of—								
$1 to $4,999	1 438	-	181	-	-	181	190	600
$5,000 to $9,999	96	-	10	-	-	10	28	24
$10,000 to $24,999	67	-	4	-	-	4	10	8
$25,000 or more	67	-	17	-	-	17	4	8
Property taxes ..... farms	3 926	-	273	-	-	273	433	1 357
$1,000	5 142	-	1 600	-	-	1 600	315	1 101
Farms with expenses of—								
$1 to $4,999	3 827	-	257	-	-	257	429	1 337
$5,000 to $9,999	43	-	2	-	-	2	2	9
$10,000 to $24,999	27	-	1	-	-	1	1	6
$25,000 or more	29	-	13	-	-	13	1	5
All other farm production expenses ..... farms	4 428	-	372	-	-	372	529	1 511
$1,000	76 996	-	23 775	-	-	23 775	4 131	30 363
Farms with expenses of—								
$1 to $4,999	3 801	-	316	-	-	316	395	1 405
$5,000 to $24,999	407	-	36	-	-	36	100	82
$25,000 to $49,999	87	-	4	-	-	4	14	8
$50,000 or more	133	-	16	-	-	16	20	16

See footnotes at end of table.

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

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

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total	Beef cattle, except feedlots (0212)				
FARM PRODUCTION EXPENSES[1] —Con.								
Total farm production expenses—Con.								
Electricity ..... farms	492	7	280	149	21	34	42	3
$1,000	533	6	489	212	597	207	298	(Z)
Farms with expenses of—								
$1 to $999	363	4	211	107	1	10	30	3
$1,000 to $4,999	108	3	54	33	3	10	8	-
$5,000 to $24,999	19	-	12	8	9	13	2	-
$25,000 or more	2	-	3	1	8	1	2	-
Hired farm labor ..... farms	327	5	176	123	18	20	15	4
$1,000	14 566	95	7 157	3 985	6 431	2 376	1 816	2
Farms with expenses of—								
$1 to $4,999	107	2	90	66	-	2	5	4
$5,000 to $24,999	88	2	34	17	1	2	4	-
$25,000 to $99,999	93	1	36	28	4	9	2	-
$100,000 or more	39	-	16	12	13	7	4	-
Contract labor ..... farms	160	1	58	43	2	7	18	8
$1,000	927	(D)	210	183	(D)	151	174	13
Farms with expenses of—								
$1 to $999	44	-	28	20	-	1	5	4
$1,000 to $4,999	72	1	19	13	1	-	5	4
$5,000 to $24,999	35	-	10	9	1	4	7	-
$25,000 or more	9	-	1	1	-	2	1	-
Repair and maintenance ..... farms	732	19	685	445	21	37	69	16
$1,000	1 679	21	2 630	1 597	973	314	314	10
Farms with expenses of—								
$1 to $4,999	660	18	618	398	4	25	62	16
$5,000 to $24,999	64	1	51	36	9	9	4	-
$25,000 to $49,999	6	-	9	6	3	2	1	-
$50,000 or more	2	-	7	5	5	1	2	-
Customwork, machine hire, and rental of machinery and equipment ..... farms	140	2	107	77	6	13	16	6
$1,000	229	(D)	1 052	237	63	(D)	61	8
Farms with expenses of—								
$1 to $999	73	2	69	47	1	6	14	2
$1,000 to $4,999	56	-	27	24	3	5	1	4
$5,000 to $24,999	11	-	7	5	1	2	-	-
$25,000 or more	-	-	4	1	1	-	1	-
Interest expense ..... farms	319	6	175	116	15	22	22	3
$1,000	3 385	11	1 965	1 356	980	685	229	4
Farms with expenses of—								
$1 to $4,999	167	6	115	75	1	4	14	3
$5,000 to $24,999	116	-	37	26	6	8	7	-
$25,000 to $99,999	34	-	20	12	6	9	-	-
$100,000 or more	2	-	3	3	2	1	1	-
Secured by real estate ..... farms	202	4	104	65	7	18	9	1
$1,000	2 353	(D)	1 374	966	510	626	35	(D)
Farms with expenses of—								
$1 to $999	24	-	19	12	-	1	2	-
$1,000 to $4,999	68	4	41	23	-	1	3	1
$5,000 to $24,999	84	-	28	20	2	7	4	-
$25,000 or more	26	-	16	10	5	9	-	-
Not secured by real estate ..... farms	163	2	98	73	12	9	16	2
$1,000	1 033	(D)	591	390	470	59	193	(D)
Farms with expenses of—								
$1 to $999	49	1	35	25	-	2	5	1
$1,000 to $4,999	67	1	40	30	1	3	7	1
$5,000 to $24,999	40	-	19	16	6	3	3	-
$25,000 or more	7	-	4	2	5	1	1	-
Cash rent ..... farms	241	7	286	210	15	9	22	4
$1,000	1 225	13	1 709	1 303	418	251	120	2
Farms with expenses of—								
$1 to $4,999	198	6	233	167	3	5	18	4
$5,000 to $9,999	13	1	17	11	1	-	2	-
$10,000 to $24,999	23	-	16	16	4	2	-	-
$25,000 or more	7	-	20	16	7	2	2	-
Property taxes ..... farms	849	17	838	588	16	40	76	27
$1,000	595	10	1 284	933	62	99	71	4
Farms with expenses of—								
$1 to $4,999	835	17	805	560	12	34	74	27
$5,000 to $9,999	10	-	14	13	2	4	-	-
$10,000 to $24,999	4	-	9	6	2	2	2	-
$25,000 or more	-	-	10	9	-	-	-	-
All other farm production expenses ..... farms	958	23	862	576	22	40	90	21
$1,000	8 200	35	5 511	2 948	3 283	1 007	677	14
Farms with expenses of—								
$1 to $4,999	774	19	773	527	2	19	77	21
$5,000 to $24,999	108	4	54	21	3	11	9	-
$25,000 to $49,999	34	-	20	18	3	4	-	-
$50,000 or more	42	-	15	10	14	6	4	-

See footnotes at end of table.

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

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

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT[1]								
All farms ..... number	4 869	-	398	-	-	398	551	1 709
$1,000	113 904	-	56 905	-	-	56 905	8 382	24 588
Average per farm ..... dollars	23 394	-	142 978	-	-	142 978	15 212	14 388
Farms with net gains[2] ..... number	3 132	-	323	-	-	323	437	1 081
Average net gain ..... dollars	43 761	-	189 021	-	-	189 021	21 513	28 393
Gain of—								
Less than $1,000	484	-	29	-	-	29	48	163
$1,000 to $9,999	1 549	-	141	-	-	141	180	614
$10,000 to $49,999	848	-	128	-	-	128	163	270
$50,000 or more	251	-	25	-	-	25	46	34
Farms with net losses ..... number	1 737	-	75	-	-	75	114	628
Average net loss ..... dollars	13 331	-	55 316	-	-	55 316	8 943	9 720
Loss of—								
Less than $1,000	426	-	21	-	-	21	29	148
$1,000 to $9,999	990	-	36	-	-	36	63	368
$10,000 to $49,999	235	-	6	-	-	6	17	100
$50,000 or more	86	-	12	-	-	12	5	12
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME								
Government payments ..... farms	62	-	4	-	-	4	5	16
$1,000	1 768	-	1 621	-	-	1 621	(D)	24
Other farm-related income[1] ..... farms	530	-	60	-	-	60	61	177
$1,000	3 730	-	1 000	-	-	1 000	158	1 343
Customwork and other agricultural services ..... farms	239	-	26	-	-	26	24	96
$1,000	1 947	-	341	-	-	341	100	1 028
Gross cash rent or share payments ..... farms	124	-	15	-	-	15	13	31
$1,000	1 301	-	547	-	-	547	(D)	186
Forest products and Christmas trees ..... farms	36	-	1	-	-	1	2	10
$1,000	152	-	(D)	-	-	(D)	(D)	73
Other farm-related income sources ..... farms	156	-	25	-	-	25	22	47
$1,000	330	-	(D)	-	-	(D)	34	56
COMMODITY CREDIT CORPORATION LOANS								
Total ..... farms	6	-	-	-	-	-	-	-
$1,000	394	-	-	-	-	-	-	-
Corn ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Wheat ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Soybeans ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Sorghum, barley, and oats ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Cotton ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey ..... farms	6	-	-	-	-	-	-	-
$1,000	394	-	-	-	-	-	-	-
LAND IN FARMS ACCORDING TO USE								
Total cropland ..... farms	4 170	-	398	-	-	398	551	1 713
acres	327 396	-	194 445	-	-	194 445	7 133	69 448
Harvested cropland ..... farms	3 837	-	398	-	-	398	551	1 713
acres	152 719	-	94 143	-	-	94 143	4 672	48 306
Farms by acres harvested:								
1 to 49 acres	3 746	-	369	-	-	369	540	1 673
50 to 99 acres	42	-	11	-	-	11	8	17
100 to 199 acres	13	-	3	-	-	3	2	5
200 to 499 acres	7	-	1	-	-	1	-	6
500 to 999 acres	7	-	-	-	-	-	1	4
1,000 to 1,999 acres	2	-	1	-	-	1	-	1
2,000 acres or more	20	-	13	-	-	13	-	7
Cropland:								
Pasture or grazing only ..... farms	460	-	14	-	-	14	17	90
acres	40 504	-	223	-	-	223	244	1 550
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms	119	-	27	-	-	27	15	40
acres	2 639	-	104	-	-	104	843	318
On which all crops failed ..... farms	54	-	13	-	-	13	20	8
acres	122	-	28	-	-	28	56	9
In cultivated summer fallow ..... farms	56	-	17	-	-	17	17	14
acres	795	-	67	-	-	67	105	572
Idle ..... farms	839	-	154	-	-	154	122	273
acres	130 617	-	99 880	-	-	99 880	1 213	18 693
Total woodland ..... farms	216	-	6	-	-	6	16	69
acres	99 135	-	8 902	-	-	8 902	332	3 317
Woodland pastured ..... farms	71	-	-	-	-	-	1	8
acres	27 517	-	-	-	-	-	(D)	460
Woodland not pastured ..... farms	163	-	6	-	-	6	15	64
acres	71 618	-	8 902	-	-	8 902	(D)	2 857

See footnotes at end of table.

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

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

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total	Beef cattle, except feedlots (0212)				
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT[1]								
All farms ..... number	1 011	23	980	665	22	44	99	32
$1,000	17 092	118	1 572	-2 388	3 418	1 950	-20	-100
Average per farm ..... dollars	16 906	5 133	1 604	-3 592	155 343	44 311	-200	-3 124
Farms with net gains[2] ..... number	767	17	433	266	18	19	34	3
Average net gain ..... dollars	26 616	12 025	18 419	9 989	231 462	142 717	12 596	4 170
Gain of—								
Less than $1,000	97	-	133	104	-	-	13	1
$1,000 to $9,999	376	10	208	118	1	5	13	1
$10,000 to $49,999	202	6	67	33	2	3	6	1
$50,000 or more	92	1	25	11	15	11	2	-
Farms with net losses ..... number	244	6	547	399	4	25	65	29
Average net loss ..... dollars	13 617	14 391	11 707	12 646	187 190	30 478	6 893	3 879
Loss of—								
Less than $1,000	52	-	152	110	-	3	15	6
$1,000 to $9,999	142	5	302	223	1	12	41	20
$10,000 to $49,999	31	-	64	41	1	5	8	3
$50,000 or more	19	1	29	25	2	5	1	-
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME								
Government payments ..... farms	8	1	27	25	-	1	-	-
$1,000	20	(D)	89	(D)	-	(D)	-	-
Other farm-related income[1] ..... farms	133	3	76	60	3	4	13	-
$1,000	529	8	597	569	9	20	67	-
Customwork and other agricultural services ..... farms	56	2	28	18	-	1	6	-
$1,000	337	(D)	123	100	-	(D)	(D)	-
Gross cash rent or share payments ..... farms	26	1	29	26	1	3	5	-
$1,000	86	(D)	393	388	(D)	(D)	47	-
Forest products and Christmas trees ..... farms	17	-	6	6	-	-	-	-
$1,000	52	-	26	26	-	-	-	-
Other farm-related income sources ..... farms	40	1	17	14	2	-	2	-
$1,000	54	(D)	56	55	(D)	-	(D)	-
COMMODITY CREDIT CORPORATION LOANS								
Total ..... farms	-	-	-	-	-	-	6	-
$1,000	-	-	-	-	-	-	394	-
Corn ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Wheat ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Soybeans ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Sorghum, barley, and oats ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Cotton ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey ..... farms	-	-	-	-	-	-	6	-
$1,000	-	-	-	-	-	-	394	-
LAND IN FARMS ACCORDING TO USE								
Total cropland ..... farms	1 011	23	387	294	5	11	43	28
acres	8 091	362	46 047	43 281	838	90	669	273
Harvested cropland ..... farms	1 011	23	105	60	1	5	25	5
acres	4 042	133	1 258	1 140	(D)	35	53	(D)
Farms by acres harvested:								
1 to 49 acres	1 004	23	102	57	-	5	25	5
50 to 99 acres	5	-	-	-	1	-	-	-
100 to 199 acres	1	-	2	2	-	-	-	-
200 to 499 acres	-	-	-	-	-	-	-	-
500 to 999 acres	1	-	1	1	-	-	-	-
1,000 to 1,999 acres	-	-	-	-	-	-	-	-
2,000 acres or more	-	-	-	-	-	-	-	-
Cropland:								
Pasture or grazing only ..... farms	29	6	274	226	3	6	17	4
acres	320	104	36 898	34 477	594	(D)	515	(D)
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms	13	1	16	11	-	2	5	-
acres	(D)	(D)	1 281	1 256	-	(D)	34	-
On which all crops failed ..... farms	6	-	6	2	-	-	1	-
acres	(D)	-	18	(D)	-	-	(D)	-
In cultivated summer fallow ..... farms	3	-	5	4	-	-	-	-
acres	13	-	38	(D)	-	-	-	-
Idle ..... farms	173	9	76	55	2	-	8	22
acres	3 676	(D)	6 554	6 395	(D)	-	(D)	239
Total woodland ..... farms	27	2	86	66	2	1	7	-
acres	796	(D)	85 272	84 637	(D)	(D)	118	-
Woodland pastured ..... farms	3	-	57	43	1	1	-	-
acres	69	-	26 962	26 584	(D)	(D)	-	-
Woodland not pastured ..... farms	24	2	44	36	1	-	7	-
acres	727	(D)	58 310	58 053	(D)	-	118	-

See footnotes at end of table.

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

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

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
LAND IN FARMS ACCORDING TO USE—Con.								
Pastureland and rangeland other than cropland and woodland pastured ... farms	614	-	14	-	-	14	16	69
acres	977 093	-	54 091	-	-	54 091	232	4 459
Land in house lots, ponds, roads, wasteland, etc. ... farms	2 198	-	192	-	-	192	223	715
acres	317 897	-	187 212	-	-	187 212	780	35 888
Cropland under federal acreage reduction programs:								
Annual commodity acreage adjustment programs ... farms	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
Conservation reserve program ... farms	1	-	-	-	-	-	-	-
acres	(D)	-	-	-	-	-	-	-
Value of land and buildings[1] ... farms	4 869	-	398	-	-	398	551	1 709
$1,000	2 938 125	-	528 015	-	-	528 015	152 389	573 855
Average per farm ... dollars	603 435	-	1 326 671	-	-	1 326 671	276 568	335 784
Average per acre ... dollars	1 707	-	1 187	-	-	1 187	17 977	5 081
Farms by value group:								
$1 to $39,999	1 013	-	132	-	-	132	124	346
$40,000 to $69,999	551	-	67	-	-	67	60	226
$70,000 to $99,999	386	-	33	-	-	33	31	166
$100,000 to $149,999	598	-	41	-	-	41	60	258
$150,000 to $199,999	479	-	34	-	-	34	45	188
$200,000 to $499,999	1 189	-	57	-	-	57	142	398
$500,000 to $999,999	370	-	9	-	-	9	62	76
$1,000,000 to $1,999,999	149	-	5	-	-	5	20	27
$2,000,000 to $4,999,999	62	-	5	-	-	5	5	12
$5,000,000 or more	72	-	15	-	-	15	2	12
VALUE OF MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ... farms	4 836	-	395	-	-	395	551	1 697
$1,000	199 280	-	85 321	-	-	85 321	15 823	56 371
Farms by value group:								
$1 to $4,999	1 116	-	66	-	-	66	94	457
$5,000 to $9,999	1 601	-	95	-	-	95	115	601
$10,000 to $19,999	969	-	102	-	-	102	120	352
$20,000 to $49,999	788	-	86	-	-	86	136	232
$50,000 to $99,999	212	-	21	-	-	21	56	26
$100,000 to $199,999	87	-	9	-	-	9	18	16
$200,000 to $499,999	37	-	2	-	-	2	11	6
$500,000 or more	26	-	14	-	-	14	1	7
SELECTED MACHINERY AND EQUIPMENT[1]								
Motortrucks, including pickups ... farms	4 222	-	355	-	-	355	448	1 508
number	9 270	-	2 351	-	-	2 351	787	2 919
Wheel tractors ... farms	2 336	-	253	-	-	253	426	684
number	4 506	-	894	-	-	894	905	1 133
Less than 40 horsepower (PTO) ... farms	1 797	-	191	-	-	191	338	534
number	2 550	-	302	-	-	302	545	721
40 horsepower (PTO) or more ... farms	932	-	110	-	-	110	196	232
number	1 956	-	592	-	-	592	360	412
Grain and bean combines ... farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Cottonpickers and strippers ... farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners ... farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Pickup balers ... farms	5	-	2	-	-	2	-	-
number	8	-	(D)	-	-	(D)	-	-
AGRICULTURAL CHEMICALS[1]								
Commercial fertilizer ... farms	3 522	-	356	-	-	356	534	1 539
acres on which used	225 457	-	152 899	-	-	152 899	4 526	52 793
Lime ... farms	825	-	171	-	-	171	148	288
acres on which used	21 544	-	13 760	-	-	13 760	1 157	5 066
tons	23 220	-	15 968	-	-	15 968	1 101	4 510
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ... farms	2 008	-	180	-	-	180	479	537
acres on which used	68 150	-	18 085	-	-	18 085	3 834	43 146
Nematodes in crops ... farms	663	-	165	-	-	165	156	98
acres on which used	15 792	-	1 692	-	-	1 692	1 150	11 987
Diseases in crops and orchards ... farms	1 151	-	96	-	-	96	265	330
acres on which used	(D)	-	1 044	-	-	1 044	2 265	12 731
Weeds, grass, or brush in crops and pasture ... farms	2 887	-	268	-	-	268	315	1 347
acres on which used	235 871	-	171 849	-	-	171 849	2 680	40 104
Chemicals for defoliation or for growth control of crops or thinning of fruit ... farms	212	-	23	-	-	23	28	102
acres on which used	57 481	-	37 307	-	-	37 307	122	19 917

See footnotes at end of table.

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

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

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021): Total	Livestock, except dairy, poultry, and animal specialties (021): Beef cattle, except feedlots (0212)	Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
LAND IN FARMS ACCORDING TO USE—Con.								
Pastureland and rangeland other than cropland and woodland pastured ..... farms	29	2	422	362	13	6	33	10
acres	399	(D)	888 939	618 589	16 152	(D)	3 568	7 459
Land in house lots, ponds, roads, wasteland, etc. ..... farms	434	16	503	270	15	38	58	4
acres	2 061	(D)	86 826	69 863	(D)	264	582	3 436
Cropland under federal acreage reduction programs:								
Annual commodity acreage adjustment programs ..... farms	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
Conservation reserve program ..... farms	-	-	1	1	-	-	-	-
acres	-	-	(D)	(D)	-	-	-	-
Value of land and buildings[1] ..... farms	1 011	23	980	665	22	44	99	32
$1,000	237 846	10 201	1 285 630	905 510	79 285	30 679	31 756	8 469
Average per farm ..... dollars	235 258	443 522	1 311 867	1 361 669	3 603 864	697 250	320 768	264 656
Average per acre ..... dollars	20 959	22 569	1 162	1 110	4 370	14 256	6 432	758
Farms by value group:								
$1 to $39,999	184	2	193	70	-	10	17	5
$40,000 to $69,999	111	2	70	53	1	-	6	8
$70,000 to $99,999	90	1	50	30	1	-	7	7
$100,000 to $149,999	131	4	92	70	1	2	7	2
$150,000 to $199,999	123	5	65	42	1	3	13	2
$200,000 to $499,999	260	4	269	201	5	13	34	7
$500,000 to $999,999	76	1	121	93	6	11	8	-
$1,000,000 to $1,999,999	26	3	60	53	2	2	4	-
$2,000,000 to $4,999,999	8	1	25	22	1	2	3	-
$5,000,000 or more	2	-	35	31	4	1	-	1
VALUE OF MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ..... farms	1 002	23	976	663	22	44	96	30
$1,000	(D)	(D)	16 283	11 012	4 825	2 509	1 638	403
Farms by value group:								
$1 to $4,999	273	2	192	120	-	12	16	4
$5,000 to $9,999	282	6	435	312	1	5	43	18
$10,000 to $19,999	220	5	151	98	-	6	11	2
$20,000 to $49,999	162	5	135	87	3	5	20	4
$50,000 to $99,999	40	5	46	34	5	7	4	2
$100,000 to $199,999	23	-	9	7	6	5	1	-
$200,000 to $499,999	2	-	6	3	5	4	1	-
$500,000 or more	-	-	2	2	2	-	-	-
SELECTED MACHINERY AND EQUIPMENT[1]								
Motortrucks, including pickups ..... farms	844	21	873	584	21	42	87	23
number	1 353	37	1 473	949	113	76	133	28
Wheel tractors ..... farms	438	17	422	311	18	27	36	15
number	694	37	645	450	65	55	50	28
Less than 40 horsepower (PTO) ..... farms	365	14	301	217	7	20	18	9
number	492	24	377	260	19	33	23	14
40 horsepower (PTO) or more ..... farms	151	7	182	134	15	14	19	6
number	202	13	268	190	46	22	27	14
Grain and bean combines ..... farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Cottonpickers and strippers ..... farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners ..... farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Pickup balers ..... farms	-	-	2	2	1	-	-	-
number	-	-	(D)	(D)	(D)	-	-	-
AGRICULTURAL CHEMICALS[1]								
Commercial fertilizer ..... farms	854	21	175	126	2	3	25	13
acres on which used	3 434	(D)	11 115	10 012	(D)	162	198	146
Lime ..... farms	166	6	33	21	-	3	7	3
acres on which used	567	20	883	512	-	34	53	4
tons	642	26	877	519	-	67	26	3
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms	763	12	27	11	-	1	5	4
acres on which used	2 137	63	849	814	-	(D)	(D)	28
Nematodes in crops ..... farms	231	6	7	4	-	-	-	-
acres on which used	917	29	17	13	-	-	-	-
Diseases in crops and orchards ..... farms	436	8	11	7	-	-	1	4
acres on which used	1 210	38	52	48	-	-	(D)	(D)
Weeds, grass, or brush in crops and pasture ..... farms	643	18	247	205	5	4	26	14
acres on which used	3 017	108	16 123	14 692	1 004	36	807	143
Chemicals for defoliation or for growth control of crops or thinning of fruit ..... farms	56	1	2	2	-	-	-	-
acres on which used	132	(D)	(D)	(D)	-	-	-	-

See footnotes at end of table.

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

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

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
TENURE AND RACE OF OPERATOR								
All operators	4 870	-	398	-	-	398	551	1 713
Full owners	2 549	-	118	-	-	118	253	865
Part owners	768	-	85	-	-	85	99	245
Tenants	1 553	-	195	-	-	195	199	603
White	1 713	-	73	-	-	73	81	587
Full owners	945	-	24	-	-	24	44	333
Part owners	304	-	21	-	-	21	17	73
Tenants	464	-	28	-	-	28	20	181
Black and other races	3 157	-	325	-	-	325	470	1 126
Full owners	1 604	-	94	-	-	94	209	532
Part owners	464	-	64	-	-	64	82	172
Tenants	1 089	-	167	-	-	167	179	422
OWNED AND RENTED LAND								
Land owned — farms	3 333	-	205	-	-	205	352	1 118
acres	886 170	-	226 200	-	-	226 200	3 560	86 521
Owned land in farms — farms	3 317	-	203	-	-	203	352	1 110
acres	848 906	-	199 530	-	-	199 530	3 267	83 136
Land rented or leased from others — farms	2 331	-	280	-	-	280	298	849
acres	904 484	-	249 662	-	-	249 662	5 375	34 434
Rented or leased land in farms — farms	2 321	-	280	-	-	280	298	848
acres	872 615	-	245 120	-	-	245 120	5 210	29 976
Land rented or leased to others — farms	250	-	34	-	-	34	27	66
acres	69 133	-	31 212	-	-	31 212	458	7 843
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	2 750	-	150	-	-	150	320	996
Not on farm operated	1 713	-	213	-	-	213	197	584
Not reported	407	-	35	-	-	35	34	133
Operators by principal occupation:								
Farming	2 816	-	232	-	-	232	423	945
Other	2 054	-	166	-	-	166	128	768
Operators by days of work off farm:								
None	1 723	-	147	-	-	147	273	499
Any	2 728	-	223	-	-	223	224	1 069
1 to 99 days	624	-	46	-	-	46	44	279
100 to 199 days	628	-	59	-	-	59	53	267
200 days or more	1 476	-	118	-	-	118	127	523
Not reported	419	-	28	-	-	28	54	145
Operators by years on present farm:								
2 years or less	491	-	55	-	-	55	64	212
3 or 4 years	580	-	57	-	-	57	59	230
5 to 9 years	1 042	-	99	-	-	99	106	353
10 years or more	1 907	-	118	-	-	118	224	644
Average years on present farm	13.3	-	11.7	-	-	11.7	13.2	12.7
Not reported	850	-	69	-	-	69	98	274
Operators by age group:								
Under 25 years	28	-	2	-	-	2	3	13
25 to 34 years	505	-	67	-	-	67	64	182
35 to 44 years	1 151	-	91	-	-	91	130	411
45 to 49 years	411	-	30	-	-	30	50	128
50 to 54 years	354	-	41	-	-	41	29	114
55 to 59 years	555	-	50	-	-	50	55	193
60 to 64 years	672	-	51	-	-	51	90	235
65 to 69 years	495	-	38	-	-	38	50	172
70 years and over	699	-	28	-	-	28	80	265
Average age	53.0	-	50.0	-	-	50.0	52.8	53.3
Operators by sex:								
Male	4 210	-	355	-	-	355	491	1 470
Female	660	-	43	-	-	43	60	243
Operators of Spanish origin (see text)	110	-	6	-	-	6	2	49
FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) — farms	4 035	-	328	-	-	328	461	1 486
acres	429 021	-	4 478	-	-	4 478	5 836	19 327
Partnership — farms	404	-	37	-	-	37	50	125
acres	169 792	-	4 168	-	-	4 168	645	6 257
Corporation:								
Family held — farms	282	-	18	-	-	18	27	64
acres	542 953	-	228 484	-	-	228 484	853	7 440
More than 10 stockholders — farms	5	-	-	-	-	-	-	-
10 or less stockholders — farms	277	-	18	-	-	18	27	64
Other than family held — farms	88	-	10	-	-	10	4	21
acres	356 096	-	207 171	-	-	207 171	1 006	77 867
More than 10 stockholders — farms	17	-	7	-	-	7	-	5
10 or less stockholders — farms	71	-	3	-	-	3	4	16
Other—cooperative, estate or trust, institutional, etc. — farms	61	-	5	-	-	5	9	17
acres	223 659	-	349	-	-	349	137	2 221

See footnotes at end of table.

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

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

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total	Beef cattle, except feedlots (0212)				
TENURE AND RACE OF OPERATOR								
All operators	1 011	23	977	662	22	44	99	32
Full owners	679	12	507	318	6	34	55	20
Part owners	93	5	219	180	5	3	10	4
Tenants	239	6	251	164	11	7	34	8
White	313	10	539	409	13	16	66	15
Full owners	204	7	271	196	5	13	33	11
Part owners	33	1	149	121	2	1	6	1
Tenants	76	2	119	92	6	2	27	3
Black and other races	698	13	438	253	9	28	33	17
Full owners	475	5	236	122	1	21	22	9
Part owners	60	4	70	59	3	2	4	3
Tenants	163	4	132	72	5	5	7	5
OWNED AND RENTED LAND								
Land owned — farms	776	17	727	499	11	37	66	24
acres	4 984	148	551 342	408 734	(D)	(D)	2 761	(D)
Owned land in farms — farms	772	17	726	498	11	37	65	24
acres	4 692	148	546 363	403 796	534	515	1 178	9 543
Land rented or leased from others — farms	336	11	474	346	17	10	44	12
acres	6 768	304	579 978	431 823	17 720	1 638	6 980	1 625
Rented or leased land in farms — farms	332	11	470	344	16	10	44	12
acres	6 655	304	560 721	412 574	17 608	1 637	3 759	1 625
Land rented or leased to others — farms	52	-	50	42	1	3	16	1
acres	405	-	24 236	24 187	(D)	(D)	4 804	(D)
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	671	16	481	310	15	29	58	14
Not on farm operated	261	6	387	288	6	11	34	14
Not reported	79	1	109	64	1	4	7	4
Operators by principal occupation:								
Farming	631	14	477	308	20	31	30	13
Other	380	9	500	354	2	13	69	19
Operators by days of work off farm:								
None	432	12	288	179	14	25	23	10
Any	493	11	590	420	8	17	73	20
1 to 99 days	119	2	109	86	3	2	15	5
100 to 199 days	117	5	107	87	2	5	10	3
200 days or more	257	4	374	247	3	10	48	12
Not reported	86	-	99	63	-	2	3	2
Operators by years on present farm:								
2 years or less	88	1	47	33	5	5	13	1
3 or 4 years	132	3	83	46	-	4	9	3
5 to 9 years	255	7	179	114	4	4	33	2
10 years or more	385	11	444	323	10	22	33	16
Average years on present farm	12.0	13.7	16.5	17.0	12.6	17.7	10.9	16.5
Not reported	151	1	224	146	3	9	11	10
Operators by age group:								
Under 25 years	4	-	4	3	-	-	2	-
25 to 34 years	121	3	53	36	1	3	9	2
35 to 44 years	250	11	193	129	5	11	42	7
45 to 49 years	77	2	98	72	5	3	14	4
50 to 54 years	93	-	62	41	1	5	5	4
55 to 59 years	94	1	147	88	4	5	5	1
60 to 64 years	115	2	148	97	2	8	13	8
65 to 69 years	118	3	106	77	2	2	4	-
70 years and over	139	1	166	119	2	7	5	6
Average age	52.3	46.5	55.6	55.8	52.4	53.0	46.3	54.3
Operators by sex:								
Male	816	19	885	601	21	43	87	23
Female	195	4	92	61	1	1	12	9
Operators of Spanish origin (see text)	7	-	41	30	2	-	3	-
FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) — farms	782	17	824	549	7	25	79	26
acres	4 273	228	388 202	361 616	1 359	280	4 011	1 027
Partnership — farms	95	2	79	56	2	6	5	3
acres	4 353	(D)	153 793	138 486	(D)	94	258	91
Corporation:								
Family held — farms	102	-	39	31	9	13	10	-
acres	1 662	-	287 071	243 620	15 096	1 778	569	-
More than 10 stockholders — farms	1	-	3	2	-	-	1	-
10 or less stockholders — farms	101	-	36	29	9	13	9	-
Other than family held — farms	26	1	18	12	3	-	4	1
acres	956	(D)	66 341	66 065	1 452	-	(D)	(D)
More than 10 stockholders — farms	2	-	1	-	2	-	-	-
10 or less stockholders — farms	24	1	17	12	1	-	4	1
Other—cooperative, estate or trust, institutional, etc. — farms	6	3	17	14	1	-	1	2
acres	103	169	211 677	6 583	(D)	-	(D)	(D)

See footnotes at end of table.

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

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

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
FARMS BY SIZE								
1 to 9 acres	2 855	-	233	-	-	233	352	1 086
10 to 49 acres	1 401	-	123	-	-	123	171	531
50 to 69 acres	120	-	5	-	-	5	15	29
70 to 99 acres	102	-	8	-	-	8	5	14
100 to 139 acres	81	-	3	-	-	3	3	14
140 to 179 acres	38	-	5	-	-	5	-	8
180 to 219 acres	39	-	3	-	-	3	2	4
220 to 259 acres	13	-	2	-	-	2	-	-
260 to 499 acres	76	-	2	-	-	2	2	7
500 to 999 acres	31	-	-	-	-	-	1	5
1,000 to 1,999 acres	36	-	-	-	-	-	-	5
2,000 acres or more	78	-	14	-	-	14	-	10
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	-	-	-	-	-	-	-	-
Field crops, except cash grains (013)	398	-	398	-	-	398	-	-
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	398	-	398	-	-	398	-	-
Vegetables and melons (016)	551	-	-	-	-	-	551	-
Fruits and tree nuts (017)	1 713	-	-	-	-	-	-	1 713
Horticultural specialties (018)	1 011	-	-	-	-	-	-	-
General farms, primarily crop (019)	23	-	-	-	-	-	-	-
Livestock, except dairy, poultry, and animal specialties (021)	977	-	-	-	-	-	-	-
Beef cattle, except feedlots (0212)	662	-	-	-	-	-	-	-
Dairy farms (024)	22	-	-	-	-	-	-	-
Poultry and eggs (025)	44	-	-	-	-	-	-	-
Animal specialties (027)	99	-	-	-	-	-	-	-
General farms, primarily livestock and animal specialties (029)	32	-	-	-	-	-	-	-
LIVESTOCK								
Cattle and calves inventory — farms	1 003	-	17	-	-	17	13	98
— number	211 045	-	1 916	-	-	1 916	121	896
Farms with—								
1 to 9	344	-	10	-	-	10	11	74
10 to 49	386	-	5	-	-	5	1	21
50 to 99	102	-	-	-	-	-	1	2
100 to 199	70	-	1	-	-	1	-	1
200 to 499	40	-	-	-	-	-	-	-
500 or more	61	-	1	-	-	1	-	-
Cows and heifers that had calved — farms	769	-	13	-	-	13	7	63
— number	95 263	-	833	-	-	833	49	396
Beef cows — farms	724	-	12	-	-	12	5	57
— number	83 427	-	(D)	-	-	(D)	(D)	385
Farms with—								
1 to 9	321	-	9	-	-	9	4	45
10 to 49	267	-	1	-	-	1	1	12
50 to 99	54	-	1	-	-	1	-	-
100 to 199	26	-	-	-	-	-	-	-
200 to 499	23	-	-	-	-	-	-	-
500 or more	33	-	1	-	-	1	-	-
Milk cows — farms	73	-	2	-	-	2	2	8
— number	11 836	-	(D)	-	-	(D)	(D)	11
Farms with—								
1 to 4	49	-	2	-	-	2	1	8
5 to 9	4	-	-	-	-	-	1	-
10 to 49	-	-	-	-	-	-	-	-
50 to 99	2	-	-	-	-	-	-	-
100 to 199	2	-	-	-	-	-	-	-
200 to 499	8	-	-	-	-	-	-	-
500 or more	8	-	-	-	-	-	-	-
Heifers and heifer calves — farms	753	-	9	-	-	9	4	40
— number	61 394	-	701	-	-	701	25	288
Steers, steer calves, bulls, and bull calves — farms	865	-	8	-	-	8	9	71
— number	54 388	-	382	-	-	382	47	212
Cattle and calves sold — farms	807	-	10	-	-	10	10	37
— number	101 315	-	838	-	-	838	58	259
— $1,000	43 881	-	335	-	-	335	11	75
Calves — farms	391	-	2	-	-	2	6	20
— number	16 199	-	(D)	-	-	(D)	18	105
— $1,000	3 654	-	(D)	-	-	(D)	3	24
Cattle — farms	609	-	8	-	-	8	6	25
— number	85 116	-	(D)	-	-	(D)	40	154
— $1,000	40 226	-	(D)	-	-	(D)	8	50
Fattened on grain and concentrates — farms	87	-	3	-	-	3	1	3
— number	42 295	-	9	-	-	9	(D)	5
— $1,000	24 594	-	5	-	-	5	(D)	2

See footnotes at end of table.

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

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

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total	Beef cattle, except feedlots (0212)				
FARMS BY SIZE								
1 to 9 acres	779	11	300	94	5	28	47	14
10 to 49 acres	204	10	301	227	4	13	34	10
50 to 69 acres	11	-	56	47	-	-	3	1
70 to 99 acres	12	1	57	54	2	2	1	-
100 to 139 acres	-	1	53	47	1	-	3	3
140 to 179 acres	2	-	20	20	-	-	3	-
180 to 219 acres	1	-	26	23	-	-	3	-
220 to 259 acres	-	-	11	9	-	-	-	-
260 to 499 acres	1	-	56	53	2	-	4	2
500 to 999 acres	-	-	22	18	2	-	1	-
1,000 to 1,999 acres	-	-	24	24	5	1	-	1
2,000 acres or more	1	-	51	46	1	-	-	1
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	-	-	-	-	-	-	-	-
Field crops, except cash grains (013)	-	-	-	-	-	-	-	-
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	-	-	-	-	-	-	-	-
Vegetables and melons (016)	-	-	-	-	-	-	-	-
Fruits and tree nuts (017)	-	-	-	-	-	-	-	-
Horticultural specialties (018)	1 011	-	-	-	-	-	-	-
General farms, primarily crop (019)	-	23	-	-	-	-	-	-
Livestock, except dairy, poultry, and animal specialties (021)	-	-	977	662	-	-	-	-
Beef cattle, except feedlots (0212)	-	-	662	662	-	-	-	-
Dairy farms (024)	-	-	-	-	22	-	-	-
Poultry and eggs (025)	-	-	-	-	-	44	-	-
Animal specialties (027)	-	-	-	-	-	-	99	-
General farms, primarily livestock and animal specialties (029)	-	-	-	-	-	-	-	32
LIVESTOCK								
Cattle and calves inventory — farms	25	5	783	655	22	13	21	6
— number	132	133	185 458	114 372	21 296	585	462	46
Farms with—								
1 to 9	21	1	196	123	1	11	15	4
10 to 49	4	3	344	309	-	1	5	2
50 to 99	-	1	96	89	2	-	-	-
100 to 199	-	-	66	59	2	-	-	-
200 to 499	-	-	32	32	7	-	1	-
500 or more	-	-	49	43	10	1	-	-
Cows and heifers that had calved — farms	12	4	621	545	22	7	17	3
— number	46	76	80 697	54 287	12 695	269	196	6
Beef cows — farms	12	3	608	539	4	6	16	1
— number	46	(D)	80 612	54 225	977	(D)	(D)	(D)
Farms with—								
1 to 9	11	1	232	193	-	5	13	1
10 to 49	1	2	246	223	2	-	2	-
50 to 99	-	-	52	51	1	-	-	-
100 to 199	-	-	25	24	-	-	1	-
200 to 499	-	-	22	21	-	1	-	-
500 or more	-	-	31	27	1	-	-	-
Milk cows — farms	-	1	33	23	21	1	2	3
— number	-	(D)	85	62	11 718	(D)	(D)	(D)
Farms with—								
1 to 4	-	1	30	20	1	1	2	3
5 to 9	-	-	3	3	-	-	-	-
10 to 49	-	-	-	-	-	-	-	-
50 to 99	-	-	-	-	2	-	-	-
100 to 199	-	-	-	-	2	-	-	-
200 to 499	-	-	-	-	8	-	-	-
500 or more	-	-	-	-	8	-	-	-
Heifers and heifer calves — farms	10	4	649	563	19	7	8	3
— number	41	33	52 109	29 661	7 784	238	170	5
Steers, steer calves, bulls, and bull calves — farms	15	5	712	607	17	7	15	6
— number	45	24	52 652	30 424	817	78	96	35
Cattle and calves sold — farms	9	5	702	615	21	2	9	2
— number	36	50	94 849	46 751	4 895	(D)	63	(D)
— $1,000	10	12	41 675	15 699	1 642	(D)	17	(D)
Calves — farms	4	4	335	307	12	2	4	2
— number	14	26	14 543	14 367	1 398	(D)	35	(D)
— $1,000	4	5	3 450	3 415	146	(D)	8	(D)
Cattle — farms	6	4	534	458	17	1	6	2
— number	22	24	80 306	32 384	3 497	(D)	28	(D)
— $1,000	6	7	38 225	12 284	1 496	(D)	9	(D)
Fattened on grain and concentrates — farms	1	-	73	14	1	-	3	2
— number	(D)	-	42 234	165	(D)	-	5	(D)
— $1,000	(D)	-	24 567	125	(D)	-	2	(D)

See footnotes at end of table.

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

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

Item	Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
			Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
LIVESTOCK—Con.								
Hogs and pigs inventory ..... farms	372	-	6	-	-	6	16	27
..... number	47 564	-	34	-	-	34	480	155
Farms with—								
1 to 24	198	-	6	-	-	6	12	26
25 to 49	50	-	-	-	-	-	2	-
50 to 99	39	-	-	-	-	-	1	1
100 to 199	33	-	-	-	-	-	-	-
200 to 499	31	-	-	-	-	-	1	-
500 or more	21	-	-	-	-	-	-	-
Used or to be used for breeding ..... farms	255	-	3	-	-	3	10	6
..... number	6 696	-	14	-	-	14	40	18
Other ..... farms	349	-	4	-	-	4	16	27
..... number	40 868	-	20	-	-	20	440	137
Hogs and pigs sold ..... farms	307	-	3	-	-	3	8	10
..... number	69 019	-	58	-	-	58	223	103
..... $1,000	10 371	-	4	-	-	4	38	9
Feeder pigs ..... farms	60	-	1	-	-	1	1	1
..... number	3 267	-	(D)	-	-	(D)	(D)	(D)
..... $1,000	199	-	(D)	-	-	(D)	(D)	(D)
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ..... farms	261	-	3	-	-	3	10	6
..... number	9 601	-	9	-	-	9	41	22
Dec. 1 and May 31 ..... farms	245	-	2	-	-	2	8	6
..... number	4 931	-	(D)	-	-	(D)	21	(D)
June 1 and Nov. 30 ..... farms	220	-	2	-	-	2	9	2
..... number	4 670	-	(D)	-	-	(D)	20	(D)
Sheep and lambs of all ages inventory ..... farms	42	-	1	-	-	1	-	9
..... number	21 908	-	(D)	-	-	(D)	-	70
Ewes 1 year old or older ..... farms	33	-	-	-	-	-	-	7
..... number	10 983	-	-	-	-	-	-	(D)
Sheep and lambs sold ..... farms	26	-	-	-	-	-	-	5
..... number	(D)	-	-	-	-	-	-	43
Sheep and lambs shorn ..... farms	15	-	-	-	-	-	-	4
..... number	3 196	-	-	-	-	-	-	(D)
..... pounds of wool	39 997	-	-	-	-	-	-	(D)
Horses and ponies inventory ..... farms	537	-	15	-	-	15	13	60
..... number	3 551	-	98	-	-	98	53	135
Horses and ponies sold ..... farms	63	-	-	-	-	-	1	-
..... number	236	-	-	-	-	-	(D)	-
Goats inventory ..... farms	74	-	1	-	-	1	3	17
..... number	938	-	(D)	-	-	(D)	21	135
Goats sold ..... farms	34	-	1	-	-	1	2	3
..... number	436	-	(D)	-	-	(D)	(D)	10
POULTRY								
Chickens 3 months old or older inventory ..... farms	181	-	4	-	-	4	9	49
..... number	(D)	-	(D)	-	-	(D)	153	934
Farms with—								
1 to 399	159	-	4	-	-	4	9	49
400 to 3,199	8	-	-	-	-	-	-	-
3,200 to 9,999	-	-	-	-	-	-	-	-
10,000 to 19,999	2	-	-	-	-	-	-	-
20,000 to 49,999	5	-	-	-	-	-	-	-
50,000 to 99,999	4	-	-	-	-	-	-	-
100,000 or more	3	-	-	-	-	-	-	-
Hens and pullets of laying age ..... farms	177	-	4	-	-	4	7	49
..... number	(D)	-	57	-	-	57	103	851
Pullets 3 months old or older not of laying age ..... farms	53	-	2	-	-	2	3	10
..... number	118 012	-	(D)	-	-	(D)	50	83
Hens and pullets sold ..... farms	31	-	-	-	-	-	-	3
..... number	824 182	-	-	-	-	-	-	66
Broilers and other meat-type chickens sold ..... farms	12	-	-	-	-	-	1	2
..... number	2 069 316	-	-	-	-	-	(D)	(D)
Farms with—								
1 to 1,999	6	-	-	-	-	-	1	2
2,000 to 59,999	-	-	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-	-	-
100,000 or more	6	-	-	-	-	-	-	-
Turkey hens kept for breeding ..... farms	4	-	-	-	-	-	-	1
..... number	10	-	-	-	-	-	-	(D)
Turkeys sold ..... farms	-	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-	-

See footnotes at end of table.

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

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

Item	Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
			Total	Beef cattle, except feedlots (0212)				
LIVESTOCK—Con.								
Hogs and pigs inventory ..... farms	15	8	284	31	1	4	5	6
..... number	170	192	44 879	167	(D)	1 254	(D)	28
Farms with—								
1 to 24	13	3	125	29	-	2	5	6
25 to 49	1	4	43	2	-	-	-	-
50 to 99	1	1	35	-	-	-	-	-
100 to 199	-	-	33	-	-	-	-	-
200 to 499	-	-	29	-	1	-	-	-
500 or more	-	-	19	-	-	2	-	-
Used or to be used for breeding ..... farms	4	6	219	7	1	4	1	1
..... number	36	61	6 188	29	(D)	(D)	(D)	(D)
Other ..... farms	14	7	267	30	1	2	5	6
..... number	134	131	38 691	138	(D)	(D)	13	(D)
Hogs and pigs sold ..... farms	8	7	265	15	1	2	1	2
..... number	341	483	63 400	109	(D)	(D)	(D)	(D)
..... $1,000	48	28	9 606	11	(D)	(D)	(D)	(D)
Feeder pigs ..... farms	1	3	52	4	-	1	-	-
..... number	(D)	190	2 298	69	-	(D)	-	-
..... $1,000	(D)	9	111	3	-	(D)	-	-
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ..... farms	4	6	225	8	1	4	1	1
..... number	19	75	8 787	34	(D)	542	(D)	(D)
Dec. 1 and May 31 ..... farms	4	6	212	7	1	4	1	1
..... number	9	44	4 550	22	(D)	(D)	(D)	(D)
June 1 and Nov. 30 ..... farms	3	5	194	5	1	2	1	1
..... number	10	31	4 237	12	(D)	(D)	(D)	(D)
Sheep and lambs of all ages inventory ..... farms	2	-	22	16	1	1	3	3
..... number	(D)	-	(D)	(D)	(D)	(D)	22	48
Ewes 1 year old or older ..... farms	-	-	18	14	1	1	3	3
..... number	-	-	(D)	(D)	(D)	(D)	14	21
Sheep and lambs sold ..... farms	-	-	15	12	1	1	3	1
..... number	-	-	(D)	(D)	(D)	(D)	6	(D)
Sheep and lambs shorn ..... farms	-	-	10	8	-	-	-	1
..... number	-	-	3 143	(D)	-	-	-	(D)
..... pounds of wool	-	-	39 640	(D)	-	-	-	(D)
Horses and ponies inventory ..... farms	17	2	353	301	6	10	59	2
..... number	48	(D)	2 603	1 929	48	41	515	(D)
Horses and ponies sold ..... farms	1	-	32	28	-	-	29	-
..... number	(D)	-	163	112	-	-	(D)	-
Goats inventory ..... farms	8	1	40	19	1	-	3	-
..... number	40	(D)	667	396	(D)	-	38	-
Goats sold ..... farms	3	1	20	6	1	-	2	1
..... number	12	(D)	394	244	(D)	-	(D)	(D)
POULTRY								
Chickens 3 months old or older inventory ..... farms	19	1	53	26	1	31	7	7
..... number	373	(D)	1 159	571	(D)	(D)	507	762
Farms with—								
1 to 399	19	1	53	26	-	12	6	6
400 to 3,199	-	-	-	-	1	5	1	1
3,200 to 9,999	-	-	-	-	-	-	-	-
10,000 to 19,999	-	-	-	-	-	2	-	-
20,000 to 49,999	-	-	-	-	-	5	-	-
50,000 to 99,999	-	-	-	-	-	4	-	-
100,000 or more	-	-	-	-	-	3	-	-
Hens and pullets of laying age ..... farms	19	1	52	26	1	30	7	7
..... number	276	(D)	1 011	535	(D)	(D)	(D)	(D)
Pullets 3 months old or older not of laying age ..... farms	5	-	16	6	-	13	2	2
..... number	97	-	148	36	-	117 350	(D)	(D)
Hens and pullets sold ..... farms	2	-	4	1	1	19	1	1
..... number	(D)	-	127	(D)	(D)	823 544	(D)	(D)
Broilers and other meat-type chickens sold ..... farms	-	1	1	-	-	7	-	-
..... number	-	(D)	(D)	-	-	2 069 021	-	-
Farms with—								
1 to 1,999	-	1	1	-	-	1	-	-
2,000 to 59,999	-	-	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	6	-	-
Turkey hens kept for breeding ..... farms	-	-	2	2	-	1	-	-
..... number	-	-	(D)	(D)	-	(D)	-	-
Turkeys sold ..... farms	-	-	-	-	-	-	-	-
..... number	-	-	-	-	-	-	-	-

See footnotes at end of table.

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

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

Item		Total	Cash grains (011)	Field crops, except cash grains (013)				Vegetables and melons (016)	Fruits and tree nuts (017)
				Total	Cotton (0131)	Tobacco (0132)	Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		
CROPS HARVESTED									
Sugarcane for sugar	farms	79	-	75	-	-	75	-	2
	acres	79 234	-	79 210	-	-	79 210	-	(D)
	tons	7 934 181	-	7 932 714	-	-	7 932 714	-	(D)
Irrigated	farms	17	-	16	-	-	16	-	-
	acres	49 121	-	(D)	-	-	(D)	-	-
Pineapples harvested	farms	18	-	1	-	-	1	2	14
	acres	22 262	-	(D)	-	-	(D)	(D)	22 197
	tons	683 182	-	(D)	-	-	(D)	(D)	681 272
Irrigated	farms	9	-	1	-	-	1	1	7
	acres	19 674	-	(D)	-	-	(D)	(D)	(D)
Vegetables harvested for sale (see text)	farms	710	-	51	-	-	51	551	49
	acres	5 587	-	67	-	-	67	5 298	117
Irrigated	farms	552	-	18	-	-	18	453	36
	acres	5 045	-	30	-	-	30	4 838	95
Farms by acres harvested:									
0.1 to 4.9 acres		499	-	48	-	-	48	359	41
5.0 to 24.9 acres		156	-	3	-	-	3	137	8
25.0 to 99.9 acres		50	-	-	-	-	-	50	-
100.0 to 249.9 acres		3	-	-	-	-	-	3	-
250.0 acres or more		2	-	-	-	-	-	2	-
Land in orchards	farms	2 128	-	45	-	-	45	103	1 704
	acres	33 564	-	5 264	-	-	5 264	356	26 294
Irrigated	farms	576	-	23	-	-	23	70	354
	acres	6 704	-	2 018	-	-	2 018	171	4 277
Farms by bearing and nonbearing acres:									
0.1 to 4.9 acres		1 217	-	37	-	-	37	80	877
5.0 to 24.9 acres		821	-	4	-	-	4	21	749
25.0 to 99.9 acres		69	-	-	-	-	-	2	63
100.0 to 249.9 acres		6	-	-	-	-	-	-	5
250.0 acres or more		15	-	4	-	-	4	-	10

See footnotes at end of table.

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

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

Item		Horticultural specialties (018)	General farms, primarily crop (019)	Livestock, except dairy, poultry, and animal specialties (021)		Dairy farms (024)	Poultry and eggs (025)	Animal specialties (027)	General farms, primarily livestock and animal specialties (029)
				Total	Beef cattle, except feedlots (0212)				
CROPS HARVESTED									
Sugarcane for sugar	farms	1	-	1	-	-	-	-	-
	acres	(D)	-	(D)	-	-	-	-	-
	tons	(D)	-	(D)	-	-	-	-	-
Irrigated	farms	1	-	-	-	-	-	-	-
	acres	(D)	-	-	-	-	-	-	-
Pineapples harvested	farms	1	-	-	-	-	-	-	-
	acres	(D)	-	-	-	-	-	-	-
	tons	(D)	-	-	-	-	-	-	-
Irrigated	farms	-	-	-	-	-	-	-	-
	acres	-	-	-	-	-	-	-	-
Vegetables harvested for sale (see text)	farms	24	21	10	3	-	-	3	1
	acres	39	46	15	6	-	-	(D)	(D)
Irrigated	farms	19	16	7	1	-	-	2	1
	acres	37	30	9	(D)	-	-	(D)	(D)
Farms by acres harvested:									
0.1 to 4.9 acres		21	17	9	2	-	-	3	1
5.0 to 24.9 acres		3	4	1	1	-	-	-	-
25.0 to 99.9 acres		-	-	-	-	-	-	-	-
100.0 to 249.9 acres		-	-	-	-	-	-	-	-
250.0 acres or more		-	-	-	-	-	-	-	-
Land in orchards	farms	135	21	87	49	-	5	23	5
	acres	1 146	63	357	268	-	33	49	5
Irrigated	farms	80	12	29	17	-	1	5	2
	acres	146	34	41	29	-	(D)	13	(D)
Farms by bearing and nonbearing acres:									
0.1 to 4.9 acres		111	17	66	39	-	4	20	5
5.0 to 24.9 acres		21	4	19	8	-	-	3	-
25.0 to 99.9 acres		2	-	1	1	-	1	-	-
100.0 to 249.9 acres		-	-	1	1	-	-	-	-
250.0 acres or more		1	-	-	-	-	-	-	-

[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 1. County Summary Highlights: 1987

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

Item		Hawaii	Hawaii	Honolulu	Kauai	Maui
Farms	number	4 870	2 810	938	400	722
Land in farms	acres	1 721 521	1 007 287	130 771	224 153	359 310
Average size of farm	acres	353	358	139	560	498
Value of land and buildings[1]:						
Average per farm	dollars	603 435	573 527	440 397	709 213	873 008
Average per acre	dollars	1 707	1 600	3 159	1 266	1 754
Estimated market value of all machinery and equipment[1]:						
Average per farm	dollars	41 208	27 187	39 523	70 317	81 608
Farms by size:						
1 to 9 acres		2 855	1 602	707	181	365
10 to 49 acres		1 401	883	156	139	223
50 to 179 acres		341	180	31	51	79
180 to 499 acres		128	71	21	11	25
500 to 999 acres		31	14	7	5	5
1,000 acres or more		114	60	16	13	25
Total cropland	farms	4 170	2 561	742	294	573
	acres	327 396	137 924	49 887	50 146	89 439
Harvested cropland	farms	3 837	2 390	716	235	496
	acres	152 719	63 098	24 779	21 890	42 952
Irrigated land	farms	1 827	644	583	190	410
	acres	148 884	12 899	36 301	32 486	67 198
Market value of agricultural products sold	$1,000	609 740	219 756	168 824	67 847	153 313
Average per farm	dollars	125 203	78 205	179 983	169 619	212 345
Crops, including nursery and greenhouse crops	$1,000	498 317	195 140	100 356	62 099	140 722
Livestock, poultry, and their products	$1,000	111 424	24 616	68 468	5 748	12 591
Farms by value of sales:						
Less than $2,500		1 402	808	196	156	242
$2,500 to $4,999		674	395	109	62	108
$5,000 to $9,999		745	473	131	56	85
$10,000 to $24,999		911	562	181	68	100
$25,000 to $49,999		476	292	114	27	43
$50,000 to $99,999		287	132	88	10	57
$100,000 or more		375	148	119	21	87
Operators by principal occupation:						
Farming		2 816	1 545	660	213	398
Other		2 054	1 265	278	187	324
Operators by days worked off farm:						
Any		2 728	1 693	398	229	408
200 days or more		1 476	871	246	133	226
Average age of operator	years	53.0	52.5	54.4	55.2	52.0
Total farm production expenses[1]	$1,000	495 759	158 693	144 289	63 046	129 732
Average per farm	dollars	101 840	56 494	153 826	157 614	179 933
Livestock and poultry:						
Cattle and calves inventory	farms	1 003	532	97	176	198
	number	211 045	132 022	29 344	13 856	35 823
Beef cows	farms	724	381	59	133	151
	number	83 427	60 504	2 416	(D)	(D)
Milk cows	farms	73	40	19	9	5
	number	11 836	1 909	8 599	(D)	(D)
Cattle and calves sold	farms	807	417	77	150	163
	number	101 315	49 267	30 797	5 149	16 102
Hogs and pigs inventory	farms	372	103	151	35	83
	number	47 564	3 327	30 901	4 288	9 048
Hogs and pigs sold	farms	307	72	142	26	67
	number	69 019	4 265	42 618	7 517	14 619
Sheep and lambs inventory	farms	42	25	5	5	7
	number	21 908	2 234	(D)	(D)	(D)
Chickens 3 months old or older inventory	farms	181	82	37	17	45
	number	(D)	91 678	(D)	(D)	(D)
Broilers and other meat-type chickens sold	farms	12	3	8	1	-
	number	2 069 316	(D)	1 957 754	(D)	-
Selected crops harvested:						
Sugarcane for sugar	farms	79	65	3	6	5
	acres	79 234	28 079	(D)	18 522	(D)
	tons	7 934 181	2 541 215	(D)	1 915 877	(D)
Pineapples harvested	farms	18	4	3	3	8
	acres	22 262	6	(D)	3	(D)
	tons	683 182	56	(D)	70	(D)
Vegetables harvested for sale (see text)	farms	710	221	250	53	186
	acres	5 587	1 544	1 318	103	2 622
Land in orchards	farms	2 128	1 625	233	110	160
	acres	33 564	28 094	1 311	1 768	2 391

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

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

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

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD					
Total sales (see text) ---- farms, 1987	4 870	2 810	938	400	722
1982	4 595	2 539	976	410	670
$1,000, 1987	609 740	219 756	168 824	67 847	153 313
1982	558 608	206 427	144 028	70 957	137 196
Average per farm ---- dollars, 1987	125 203	78 205	179 983	169 619	212 345
1982	121 569	81 302	147 570	173 066	204 771
1987 value of sales:					
Less than $1,000 ---- farms	650	386	71	83	110
$1,000	166	85	22	26	33
$1,000 to $2,499 ---- farms	752	422	125	73	132
$1,000	1 209	679	207	116	207
$2,500 to $4,999 ---- farms	674	395	109	62	108
$1,000	2 419	1 435	387	201	395
$5,000 to $9,999 ---- farms	745	473	131	56	85
$1,000	5 310	3 397	896	410	607
$10,000 to $19,999 ---- farms	685	433	129	49	74
$1,000	9 590	6 139	1 796	660	995
$20,000 to $24,999 ---- farms	226	129	52	19	26
$1,000	4 988	2 850	1 146	414	578
$25,000 to $39,999 ---- farms	358	219	82	21	36
$1,000	11 260	6 897	2 556	684	1 123
$40,000 to $49,999 ---- farms	118	73	32	6	7
$1,000	5 180	3 215	1 400	264	302
$50,000 to $99,999 ---- farms	287	132	88	10	57
$1,000	19 671	8 951	6 010	664	4 045
$100,000 to $249,999 ---- farms	195	77	57	10	51
$1,000	31 261	12 364	9 210	1 567	8 120
$250,000 to $499,999 ---- farms	83	39	24	3	17
$1,000	27 435	12 770	8 064	1 346	5 256
$500,000 or more ---- farms	97	32	38	8	19
$1,000	491 254	160 974	137 130	61 497	131 653
1982 value of sales[1]:					
Less than $1,000 ---- farms	591	355	55	75	106
$1,000	154	82	(D)	29	(D)
$1,000 to $2,499 ---- farms	863	469	169	90	135
$1,000	1 388	756	276	134	221
$2,500 to $4,999 ---- farms	706	402	139	61	104
$1,000	2 538	1 464	490	219	365
$5,000 to $9,999 ---- farms	653	349	156	56	92
$1,000	4 585	2 431	1 119	381	654
$10,000 to $19,999 ---- farms	610	367	123	57	63
$1,000	8 461	5 161	1 710	762	828
$20,000 to $24,999 ---- farms	178	87	54	16	21
$1,000	3 915	1 932	1 184	353	446
$25,000 to $39,999 ---- farms	291	173	79	17	22
$1,000	8 980	5 361	2 399	519	702
$40,000 to $49,999 ---- farms	106	54	34	2	16
$1,000	4 677	2 398	1 506	(D)	(D)
$50,000 to $99,999 ---- farms	237	128	53	12	44
$1,000	16 249	8 890	3 561	(D)	(D)
$100,000 to $249,999 ---- farms	192	83	59	13	37
$1,000	29 185	12 502	8 778	1 953	5 952
$250,000 to $499,999 ---- farms	74	42	18	3	11
$1,000	25 399	14 349	6 348	1 016	3 686
$500,000 or more ---- farms	87	26	36	8	17
$1,000	452 736	150 874	116 575	64 744	120 542
Sales by commodity or commodity group:					
Crops, including nursery and greenhouse crops ---- farms, 1987	3 579	2 199	692	212	476
1982	3 351	1 994	716	230	411
$1,000, 1987	498 317	195 140	100 356	62 099	140 722
1982	456 069	182 179	83 413	65 798	124 678
Grains ---- farms, 1987	-	-	-	-	-
1982	11	-	1	7	3
$1,000, 1987	-	-	-	-	-
1982	3 392	-	(D)	(D)	(D)
Corn for grain ---- farms, 1987	-	-	-	-	-
1982	11	-	1	7	3
$1,000, 1987	-	-	-	-	-
1982	3 392	-	(D)	(D)	(D)
Wheat ---- farms, 1987	-	-	-	-	-
1982	-	-	-	-	-
$1,000, 1987	-	-	-	-	-
1982	-	-	-	-	-
Soybeans ---- farms, 1987	-	-	-	-	-
1982	-	-	-	-	-
$1,000, 1987	-	-	-	-	-
1982	-	-	-	-	-
Sorghum for grain ---- farms, 1987	-	-	-	-	-
1982	-	-	-	-	-
$1,000, 1987	-	-	-	-	-
1982	-	-	-	-	-
Barley ---- farms, 1987	-	-	-	-	-
1982	(NA)	(NA)	(NA)	(NA)	(NA)
$1,000, 1987	-	-	-	-	-
1982	(NA)	(NA)	(NA)	(NA)	(NA)
Oats ---- farms, 1987	-	-	-	-	-
1982	-	-	-	-	-
$1,000, 1987	-	-	-	-	-
1982	-	-	-	-	-
Other grains[2] ---- farms, 1987	-	-	-	-	-
1982	-	-	-	-	-
$1,000, 1987	-	-	-	-	-
1982	-	-	-	-	-

See footnotes at end of table.

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

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

Item		Hawaii	Hawaii	Honolulu	Kauai	Maui
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, 1987	-	-	-	-	-
	1982	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-
	1982	-	-	-	-	-
Tobacco	farms, 1987	-	-	-	-	-
	1982	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-
	1982	-	-	-	-	-
Hay, silage, and field seeds	farms, 1987	7	3	-	-	4
	1982	5	-	2	-	3
	$1,000, 1987	630	(D)	-	-	(D)
	1982	(D)	-	(D)	-	(D)
Vegetables, sweet corn, and melons	farms, 1987	708	220	250	53	185
	1982	746	210	274	74	188
	$1,000, 1987	25 790	6 328	7 758	307	11 397
	1982	18 703	5 781	5 697	552	6 673
Fruits, nuts, and berries	farms, 1987	1 747	1 381	178	79	109
	1982	1 518	1 135	199	82	102
	$1,000, 1987	157 332	(D)	(D)	2 459	55 325
	1982	(D)	38 589	(D)	(D)	50 247
Nursery and greenhouse crops	farms, 1987	1 139	535	341	56	207
	1982	1 050	533	337	45	135
	$1,000, 1987	56 527	(D)	(D)	606	(D)
	1982	35 973	18 149	12 170	471	5 183
Other crops	farms, 1987	497	319	57	67	54
	1982	590	357	82	95	56
	$1,000, 1987	258 037	94 665	39 473	58 726	65 172
	1982	284 164	119 660	41 920	60 854	61 729
Livestock, poultry, and their products	farms, 1987	1 201	524	256	183	238
	1982	1 213	475	272	198	268
	$1,000, 1987	111 424	24 616	68 468	5 748	12 591
	1982	102 539	24 247	60 615	5 159	12 519
Poultry and poultry products	farms, 1987	99	36	40	4	19
	1982	121	41	42	10	28
	$1,000, 1987	21 009	1 006	17 468	(D)	(D)
	1982	21 519	1 277	18 383	(D)	(D)
Dairy products	farms, 1987	23	8	12	1	2
	1982	30	10	16	3	1
	$1,000, 1987	31 299	3 570	24 411	(D)	(D)
	1982	24 329	2 691	17 916	(D)	(D)
Cattle and calves	farms, 1987	807	417	77	150	163
	1982	817	392	89	157	179
	$1,000, 1987	43 881	18 199	(D)	(D)	(D)
	1982	45 495	18 963	(D)	1 949	(D)
Hogs and pigs	farms, 1987	307	72	142	26	67
	1982	319	69	138	37	75
	$1,000, 1987	10 371	(D)	6 415	(D)	2 262
	1982	9 175	583	5 977	618	1 996
Sheep, lambs, and wool	farms, 1987	27	17	4	3	3
	1982	21	8	-	5	8
	$1,000, 1987	105	(D)	(D)	(D)	(D)
	1982	(D)	(D)	-	(D)	(D)
Other livestock and livestock products (see text)	farms, 1987	148	69	35	14	30
	1982	160	53	44	20	43
	$1,000, 1987	4 759	1 221	3 239	(D)	(D)
	1982	(D)	684	901	196	158
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION						
Cash grains (011)		-	-	-	-	-
Field crops, except cash grains (013)		398	276	26	62	34
Cotton (0131)		-	-	-	-	-
Tobacco (0132)		-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		398	276	26	62	34
Vegetables and melons (016)		551	130	223	33	165
Fruits and tree nuts (017)		1 713	1 429	128	71	85
Horticultural specialties (018)		1 011	462	311	49	189
General farms, primarily crop (019)		23	9	6	1	7
Livestock, except dairy, poultry, and animal specialties (021)		977	421	178	172	206
Beef cattle, except feedlots (0212)		662	352	50	125	135
Dairy farms (024)		22	7	12	1	2
Poultry and eggs (025)		44	15	23	1	5
Animal specialties (027)		99	39	28	8	24
General farms, primarily livestock and animal specialties (029)		32	22	3	2	5

[1]Data for 1982 exclude abnormal farms.
[2]Data for 1982 include market value of barley sold.

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

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

Item		Hawaii	Hawaii	Honolulu	Kauai	Maui
Total farm production expenses	farms, 1987	4 868	2 809	938	400	721
	$1,000, 1987	495 759	158 693	144 289	63 046	129 732
Average per farm	dollars, 1987	101 840	56 494	153 826	157 614	179 933
Livestock and poultry purchased	farms, 1987	589	277	135	65	112
	1982	609	241	132	93	143
	$1,000, 1987	15 230	1 863	11 105	470	1 793
	1982	17 581	2 631	12 666	288	1 997
Feed for livestock and poultry	farms, 1987	945	407	224	115	199
	1982	1 029	398	254	149	228
	$1,000, 1987	42 629	6 710	28 708	2 282	4 929
	1982	41 548	4 854	29 971	2 179	4 544
Commercially mixed formula feeds	farms, 1987	358	159	98	25	76
	1982	396	153	121	42	80
	$1,000, 1987	19 012	2 352	13 962	1 176	1 523
	1982	22 275	3 670	15 156	1 355	2 095
Seeds, bulbs, plants, and trees	farms, 1987	1 484	728	371	91	294
	1982	1 112	485	307	86	234
	$1,000, 1987	12 316	5 017	2 855	(D)	(D)
	1982	9 667	4 114	(D)	(D)	2 621
Commercial fertilizer[1]	farms, 1987	3 524	2 212	640	227	445
	1982	3 158	1 906	620	249	383
	$1,000, 1987	30 717	12 796	4 699	5 668	7 554
	1982	33 477	15 474	3 612	6 384	8 006
Agricultural chemicals[1]	farms, 1987	3 881	2 394	705	264	518
	1982	3 084	1 830	644	246	364
	$1,000, 1987	18 233	6 929	3 725	2 151	5 428
	1982	16 417	5 649	2 675	3 920	4 173
Petroleum products	farms, 1987	4 503	2 625	854	356	668
	1982	4 481	2 465	949	405	662
	$1,000, 1987	17 197	5 945	3 622	2 706	4 923
	1982	19 864	5 884	4 878	3 861	5 241
Gasoline and gasohol	farms, 1987	4 151	2 437	769	315	630
	1982	4 290	2 371	898	384	637
	$1,000, 1987	6 379	2 472	1 419	1 255	1 233
	1982	7 778	3 475	1 875	825	1 603
Diesel fuel	farms, 1987	1 468	702	353	147	266
	1982	1 335	556	375	135	269
	$1,000, 1987	8 560	2 767	1 620	1 078	3 096
	1982	9 465	1 629	2 430	2 430	2 977
Natural gas	farms, 1987	-	-	-	-	-
	1982	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-
	1982	-	-	-	-	-
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1987	2 782	1 519	602	234	427
	1982	(NA)	(NA)	(NA)	(NA)	(NA)
	$1,000, 1987	2 258	706	583	373	595
	1982	2 622	(D)	573	606	(D)
Electricity	farms, 1987	1 868	940	494	147	287
	1982	1 760	891	464	164	241
	$1,000, 1987	5 611	1 505	2 912	390	804
	1982	4 162	1 010	1 690	(D)	(D)
Hired farm labor	farms, 1987	1 224	661	260	74	229
	1982	1 271	688	287	100	196
	$1,000, 1987	193 230	54 570	48 365	26 264	64 031
	1982	146 277	42 013	35 333	25 429	43 501
Contract labor	farms, 1987	768	548	103	33	84
	1982	362	264	48	15	35
	$1,000, 1987	5 885	3 841	747	718	578
	1982	3 455	2 365	349	332	410
Repair and maintenance	farms, 1987	3 612	2 044	719	295	554
	$1,000, 1987	25 557	7 368	7 459	6 060	4 670
Customwork, machine hire, and rental of machinery and equipment[2]	farms, 1987	698	435	121	42	100
	1982	612	428	76	40	68
	$1,000, 1987	8 175	2 563	2 261	2 358	993
	1982	6 415	4 978	719	319	399
Interest paid[3]	farms, 1987	1 285	769	251	55	210
	1982	1 421	798	310	96	217
	$1,000, 1987	22 930	14 610	4 373	(D)	(D)
	1982	17 771	6 231	5 163	291	6 087
Interest paid on debt:						
Secured by real estate	farms, 1987	721	435	130	25	131
	$1,000, 1987	15 097	10 933	1 946	141	2 078
Not secured by real estate	farms, 1987	726	420	152	36	118
	$1,000, 1987	7 833	3 677	2 428	(D)	(D)
Cash rent	farms, 1987	1 668	944	367	148	209
	$1,000, 1987	15 910	4 277	6 714	2 994	1 925
Property taxes paid	farms, 1987	3 926	2 294	692	325	615
	$1,000, 1987	5 142	2 008	1 407	731	996
All other farm production expenses	farms, 1987	4 428	2 508	900	347	673
	$1,000, 1987	76 996	28 690	15 336	8 973	23 997

[1]Data for 1987 include cost of custom applications.
[2]Data for 1987 exclude cost of custom applications for commercial fertilizer and agricultural chemicals.
[3]Data for 1982 do not include imputation for item nonresponse.

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

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

Item		Hawaii	Hawaii	Honolulu	Kauai	Maui
NET CASH RETURN						
Net cash return from agricultural sales for the farm unit (see text)[1]	farms, 1987	4 869	2 809	938	400	722
	$1,000, 1987	113 904	60 993	24 535	4 802	23 574
Average per farm	dollars, 1987	23 394	21 713	26 157	12 005	32 651
Farms with net gains[2]	number, 1987	3 132	1 871	627	222	412
	$1,000, 1987	137 060	71 429	29 832	8 358	27 442
Average per farm	dollars, 1987	43 761	38 177	47 578	37 647	66 606
Farms with net losses	number, 1987	1 737	938	311	178	310
	$1,000, 1987	23 156	10 436	5 297	3 556	3 867
Average per farm	dollars, 1987	13 331	11 126	17 031	19 977	12 475
GOVERNMENT PAYMENTS						
Total received	farms, 1987	62	45	6	6	5
	$1,000, 1987	1 768	122	(D)	14	(D)
Average per farm	dollars, 1987	28 522	2 712	(D)	2 310	(D)
Amount received in cash	farms, 1987	62	45	6	6	5
	$1,000, 1987	1 768	122	(D)	14	(D)
Value of commodity certificates received	farms, 1987	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-
OTHER FARM-RELATED INCOME						
Gross before taxes and expenses[1]	farms, 1987	530	321	82	31	96
	$1,000, 1987	3 730	2 009	699	416	607
Average per farm	dollars, 1987	7 038	6 257	8 528	13 408	6 319
Customwork and other agricultural services[3]	farms, 1987	239	142	34	16	47
	1982	146	88	15	11	32
	$1,000, 1987	1 947	1 348	326	69	204
	1982	1 963	1 749	111	12	91
Rental of farmland	farms, 1987	124	61	35	13	15
	$1,000, 1987	1 301	361	344	(D)	(D)
Sales of forest products and Christmas trees	farms, 1987	36	20	4	-	12
	$1,000, 1987	152	109	(D)	-	(D)
Other farm-related income sources	farms, 1987	156	115	11	5	25
	$1,000, 1987	330	190	(D)	(D)	49
COMMODITY CREDIT CORPORATION LOANS						
Total	farms, 1987	6	4	-	-	2
	1982	-	-	-	-	-
	$1,000, 1987	394	(D)	-	-	(D)
	1982	-	-	-	-	-
Corn	farms, 1987	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-
Wheat	farms, 1987	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-
Soybeans	farms, 1987	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-
Sorghum, barley, and oats	farms, 1987	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-
Cotton	farms, 1987	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey	farms, 1987	6	4	-	-	2
	$1,000, 1987	394	(D)	-	-	(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 1987 are based on a sample of farms; data for 1982 are nonsample.

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

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

All Farms	Hawaii	Hawaii	Honolulu	Kauai	Maui
FARMS AND LAND IN FARMS					
Farms ..... number, 1987	4 870	2 810	938	400	722
1982	4 595	2 539	976	410	670
Land in farms ..... acres, 1987	1 721 521	1 007 287	130 771	224 153	359 310
1982	1 957 501	1 172 448	125 932	255 981	403 140
Average size of farm ..... acres, 1987	353	358	139	560	498
1982	426	462	129	624	602
Value of land and buildings[1]:					
Average per farm ..... dollars, 1987	603 435	573 527	440 397	709 213	873 008
1982	778 471	639 822	389 732	1 833 704	1 225 224
Average per acre ..... dollars, 1987	1 707	1 600	3 159	1 266	1 754
1982	1 826	1 385	3 017	2 930	2 036
Approximate land area ..... acres, 1987	4 112 147	2 581 881	381 644	396 672	743 424
Proportion in farms ..... percent, 1987	41.9	39.0	34.3	56.5	48.3
1987 size of farm:					
1 to 9 acres ..... farms	2 855	1 602	707	181	365
acres	10 320	6 439	2 072	628	1 181
10 to 49 acres ..... farms	1 401	883	156	139	223
acres	28 037	16 764	3 047	2 922	5 304
50 to 69 acres ..... farms	120	63	7	13	37
acres	6 829	3 623	382	694	2 130
70 to 99 acres ..... farms	102	58	10	15	19
acres	8 135	4 553	827	1 250	1 505
100 to 139 acres ..... farms	81	43	14	11	13
acres	9 210	4 834	1 602	1 311	1 463
140 to 179 acres ..... farms	38	16	-	12	10
acres	5 846	2 467	-	1 881	1 498
180 to 219 acres ..... farms	39	16	9	4	10
acres	7 686	3 156	1 806	(D)	(D)
220 to 259 acres ..... farms	13	6	4	2	1
acres	3 179	1 409	1 020	(D)	(D)
260 to 499 acres ..... farms	76	49	8	5	14
acres	26 004	15 997	3 069	1 523	5 415
500 to 999 acres ..... farms	31	14	7	5	5
acres	19 935	9 777	4 095	3 268	2 795
1,000 to 1,999 acres ..... farms	36	16	5	6	9
acres	49 051	20 865	6 768	8 592	12 826
2,000 acres or more ..... farms	78	44	11	7	16
acres	1 547 289	917 403	106 083	200 796	323 007
1982 size of farm:					
1 to 9 acres ..... farms	2 743	1 468	768	191	316
acres	9 858	5 738	2 389	661	1 070
10 to 49 acres ..... farms	1 261	746	141	136	238
acres	26 553	15 172	2 705	2 945	5 731
50 to 69 acres ..... farms	109	65	9	17	18
acres	6 229	3 733	509	963	1 024
70 to 99 acres ..... farms	87	49	5	13	20
acres	7 075	4 002	386	1 094	1 593
100 to 139 acres ..... farms	77	39	11	11	16
acres	8 948	4 472	(D)	(D)	1 894
140 to 179 acres ..... farms	47	25	2	10	10
acres	7 228	3 834	(D)	(D)	1 523
180 to 219 acres ..... farms	26	12	4	1	9
acres	5 135	2 304	(D)	(D)	1 805
220 to 259 acres ..... farms	14	4	4	3	3
acres	3 326	950	992	702	682
260 to 499 acres ..... farms	86	52	9	12	13
acres	28 496	16 639	3 169	3 718	4 970
500 to 999 acres ..... farms	33	21	8	1	3
acres	22 419	14 684	(D)	(D)	1 944
1,000 to 1,999 acres ..... farms	33	13	8	7	5
acres	49 151	19 752	11 768	10 092	7 539
2,000 acres or more ..... farms	79	45	7	8	19
acres	1 783 083	1 081 168	96 637	231 913	373 365
LAND IN FARMS ACCORDING TO USE					
Total cropland ..... farms, 1987	4 170	2 561	742	294	573
1982	3 836	2 286	757	286	507
acres, 1987	327 396	137 924	49 887	50 146	89 439
1982	346 113	135 796	50 614	51 868	107 835
Harvested cropland ..... farms, 1987	3 837	2 390	716	235	496
1982	3 538	2 123	732	240	443
acres, 1987	152 719	63 098	24 779	21 890	42 952
1982	155 960	59 629	(D)	24 039	(D)
Cropland used only for pasture or grazing ..... farms, 1987	460	253	29	82	96
1982	400	195	32	77	96
acres, 1987	40 504	21 940	5 589	3 433	9 542
1982	33 557	17 438	(D)	2 670	(D)
Other cropland ..... farms, 1987	962	588	140	83	151
1982	855	514	142	78	121
acres, 1987	134 173	52 886	19 519	24 823	36 945
1982	156 596	58 729	22 696	25 159	50 012
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms, 1987	119	70	21	9	19
1982	48	18	12	6	12
acres, 1987	2 639	1 249	(D)	(D)	73
1982	(D)	129	42	83	164

See footnotes at end of table.

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

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

All Farms		Hawaii	Hawaii	Honolulu	Kauai	Maui
LAND IN FARMS ACCORDING TO USE—Con.						
Total cropland-Con.						
Other cropland-Con.						
Cropland on which all crops failed	farms, 1987	54	26	11	4	13
	1982	38	8	15	6	9
	acres, 1987	122	48	26	9	39
	1982	321	(D)	(D)	(D)	(D)
Cropland in cultivated summer fallow	farms, 1987	56	20	6	12	18
	1982	21	9	2	2	8
	acres, 1987	795	96	(D)	(D)	134
	1982	(D)	(D)	(D)	(D)	(D)
Cropland idle	farms, 1987	839	532	112	69	126
	1982	801	493	128	71	109
	acres, 1987	130 617	51 493	17 820	24 605	36 699
	1982	155 216	58 382	22 513	24 984	49 337
Total woodland	farms, 1987	216	116	20	28	52
	1982	148	80	22	13	33
	acres, 1987	99 135	75 331	7 085	2 695	14 024
	1982	117 270	80 103	20 366	1 636	15 165
Woodland pastured	farms, 1987	71	33	12	11	15
	1982	67	32	9	8	18
	acres, 1987	27 517	22 973	2 797	755	992
	1982	36 550	22 705	(D)	311	(D)
Woodland not pastured	farms, 1987	163	94	12	19	38
	1982	105	59	18	9	19
	acres, 1987	71 618	52 358	4 288	1 940	13 032
	1982	80 720	57 398	(D)	1 325	(D)
Other land	farms, 1987	2 566	1 373	483	258	452
	1982	2 495	1 242	506	294	453
	acres, 1987	1 294 990	794 032	73 799	171 312	255 847
	1982	1 494 118	956 549	54 952	202 477	280 140
Pastureland and rangeland other than cropland and woodland pastured	farms, 1987	614	297	71	93	153
	1982	743	339	84	145	175
	acres, 1987	977 093	666 376	27 624	101 240	181 853
	1982	1 132 849	788 077	27 873	108 759	208 140
Land in house lots, ponds, roads, wasteland, etc.	farms, 1987	2 198	1 191	447	200	360
	1982	2 227	1 109	475	251	392
	acres, 1987	317 897	127 656	46 175	70 072	73 994
	1982	361 269	168 472	27 079	93 718	72 000
Pastureland, all types	farms, 1987	1 048	526	103	175	244
	1982	1 081	518	112	197	254
	acres, 1987	1 045 114	711 289	36 010	105 428	192 387
	1982	1 202 956	828 220	30 743	111 740	232 253
Cropland diverted under annual commodity acreage adjustment programs	farms, 1987	-	-	-	-	-
	1982	-	-	-	-	-
	acres, 1987	-	-	-	-	-
	1982	-	-	-	-	-
Cropland placed under the conservation reserve program	farms, 1987	1	1	-	-	-
	acres, 1987	(D)	(D)	-	-	-

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

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

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

Farms with harvested cropland	Hawaii	Hawaii	Honolulu	Kauai	Maui
Farms ..... **number, 1987**	**3 837**	**2 390**	**716**	**235**	**496**
1982	**3 538**	**2 123**	**732**	**240**	**443**
acres harvested, 1987	**152 719**	**63 098**	**24 779**	**21 890**	**42 952**
1982	**155 960**	**59 629**	**(D)**	**24 039**	**(D)**
HARVESTED CROPLAND BY SIZE OF FARM					
1987 size of farm:					
1 to 9 acres ..... farms	2 517	1 515	568	137	297
acres harvested	6 461	4 352	1 200	311	598
10 to 49 acres ..... farms	1 090	740	123	73	154
acres harvested	10 409	6 956	1 445	403	1 605
50 to 69 acres ..... farms	63	37	6	7	13
acres harvested	1 471	927	97	90	357
70 to 99 acres ..... farms	46	30	5	2	9
acres harvested	1 469	971	(D)	(D)	261
100 to 139 acres ..... farms	27	17	5	4	1
acres harvested	1 183	813	(D)	192	(D)
140 to 179 acres ..... farms	15	8	-	4	3
acres harvested	964	576	-	182	206
180 to 219 acres ..... farms	13	8	2	-	3
acres harvested	(D)	(D)	(D)	-	293
220 to 259 acres ..... farms	2	2	-	-	-
acres harvested	(D)	(D)	-	-	-
260 to 499 acres ..... farms	16	8	1	1	6
acres harvested	1 186	(D)	(D)	(D)	727
500 to 999 acres ..... farms	7	4	1	-	2
acres harvested	(D)	469	(D)	-	(D)
1,000 to 1,999 acres ..... farms	8	5	-	2	1
acres harvested	2 184	1 683	-	(D)	(D)
2,000 acres or more ..... farms	33	16	5	5	7
acres harvested	125 229	45 555	21 431	20 157	38 086
1982 size of farm:					
1 to 9 acres ..... farms	2 361	1 381	604	130	246
acres harvested	(D)	3 880	1 278	270	531
10 to 49 acres ..... farms	943	608	101	77	157
acres harvested	9 083	5 959	1 064	621	1 439
50 to 69 acres ..... farms	59	39	5	5	10
acres harvested	1 316	924	49	136	207
70 to 99 acres ..... farms	44	30	2	5	7
acres harvested	1 069	856	(D)	(D)	92
100 to 139 acres ..... farms	29	18	7	1	3
acres harvested	874	550	151	(D)	(D)
140 to 179 acres ..... farms	22	13	-	6	3
acres harvested	1 459	981	-	182	296
180 to 219 acres ..... farms	7	2	2	-	3
acres harvested	406	(D)	(D)	-	(D)
220 to 259 acres ..... farms	4	2	1	-	1
acres harvested	272	(D)	(D)	-	(D)
260 to 499 acres ..... farms	23	10	1	8	4
acres harvested	1 649	951	(D)	(D)	577
500 to 999 acres ..... farms	7	6	1	-	-
acres harvested	1 949	(D)	(D)	-	-
1,000 to 1,999 acres ..... farms	8	2	2	3	1
acres harvested	(D)	(D)	(D)	528	(D)
2,000 acres or more ..... farms	31	12	6	5	8
acres harvested	129 956	42 699	22 817	22 185	42 255
HARVESTED CROPLAND BY ACRES HARVESTED					
1987 acres harvested:					
1 to 9 acres ..... farms	3 219	1 977	637	204	401
acres	9 416	6 298	1 534	564	1 020
10 to 19 acres ..... farms	363	267	44	14	38
acres	4 735	3 452	585	181	517
20 to 29 acres ..... farms	91	52	15	7	17
acres	2 118	1 202	(D)	(D)	(D)
30 to 49 acres ..... farms	73	42	12	1	18
acres	2 605	1 537	(D)	(D)	(D)
50 to 99 acres ..... farms	42	31	2	1	8
acres	2 827	2 109	(D)	(D)	534
100 to 199 acres ..... farms	13	7	1	2	3
acres	1 657	(D)	(D)	(D)	441
200 to 499 acres ..... farms	7	2	1	1	3
acres	(D)	(D)	(D)	(D)	(D)
500 to 999 acres ..... farms	7	4	-	-	3
acres	(D)	2 500	-	-	(D)
1,000 acres or more ..... farms	22	8	4	5	5
acres	122 497	44 509	21 401	20 157	36 430
1982 acres harvested:					
1 to 9 acres ..... farms	2 968	1 751	666	200	351
acres	8 381	5 398	1 556	551	876
10 to 19 acres ..... farms	324	229	38	18	39
acres	4 185	2 966	493	233	493
20 to 29 acres ..... farms	109	59	13	8	29
acres	2 496	1 395	300	168	633
30 to 49 acres ..... farms	56	39	6	3	8
acres	2 149	1 536	(D)	(D)	273
50 to 99 acres ..... farms	30	24	1	3	2
acres	1 980	1 610	(D)	155	(D)
100 to 199 acres ..... farms	17	8	1	2	6
acres	2 377	1 148	(D)	(D)	816
200 to 499 acres ..... farms	8	3	3	1	1
acres	2 516	946	(D)	(D)	(D)
500 to 999 acres ..... farms	3	3	-	-	-
acres	1 999	1 999	-	-	-
1,000 acres or more ..... farms	23	7	4	5	7
acres	129 877	42 631	22 807	22 185	42 254

Table 7. **Irrigation: 1987 and 1982**

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

Farms with irrigation	Hawaii	Hawaii	Honolulu	Kauai	Maui
Farms ..... number, 1987	1 827	644	583	190	410
1982	1 544	484	525	182	353
Land in irrigated farms ..... acres, 1987	537 146	129 029	98 876	158 217	151 024
1982	645 774	209 886	102 025	180 731	153 132
Harvested cropland ..... farms, 1987	1 796	638	572	182	404
1982	1 521	477	520	176	348
acres, 1987	111 636	24 481	24 188	21 728	41 239
1982	112 079	23 841	25 857	23 355	39 026
Other cropland, excluding cropland pastured ..... farms, 1987	458	174	109	64	111
1982	408	127	126	61	94
acres, 1987	100 697	24 438	18 005	24 452	33 802
1982	109 279	20 672	22 477	24 855	41 275
Pastureland, excluding woodland pastured ..... farms, 1987	199	70	29	46	54
1982	184	61	23	47	53
acres, 1987	111 244	47 669	8 218	45 159	10 198
1982	174 378	103 454	9 139	45 169	16 616
Irrigated land ..... acres, 1987	148 884	12 899	36 301	32 486	67 198
1982	145 982	11 870	36 131	34 414	63 567
Harvested cropland ..... farms, 1987	1 796	638	572	182	404
1982	1 516	473	520	176	347
acres, 1987	87 082	(D)	(D)	16 704	40 077
1982	76 035	(D)	(D)	17 778	31 846
Pastureland and other land ..... farms, 1987	80	16	23	21	20
1982	79	16	21	24	18
acres, 1987	61 802	(D)	(D)	15 782	27 121
1982	69 947	(D)	(D)	16 636	31 721
1987 irrigated acres by size of farm:					
1 to 9 acres ..... farms	1 170	370	452	106	242
acres irrigated	2 431	776	942	244	469
10 to 49 acres ..... farms	519	229	98	59	133
acres irrigated	4 182	1 267	1 039	368	1 508
50 to 69 acres ..... farms	34	11	6	7	10
acres irrigated	(D)	168	93	(D)	263
70 to 99 acres ..... farms	24	11	6	1	6
acres irrigated	863	413	(D)	(D)	218
100 to 139 acres ..... farms	16	5	6	4	1
acres irrigated	467	(D)	155	192	(D)
140 to 179 acres ..... farms	11	3	-	5	3
acres irrigated	622	(D)	-	(D)	206
180 to 219 acres ..... farms	7	2	2	-	3
acres irrigated	(D)	(D)	(D)	-	187
220 to 259 acres ..... farms	1	-	1	-	-
acres irrigated	(D)	-	(D)	-	-
260 to 499 acres ..... farms	7	2	1	1	3
acres irrigated	396	(D)	(D)	(D)	296
500 to 999 acres ..... farms	4	2	1	-	1
acres irrigated	928	(D)	(D)	-	(D)
1,000 to 1,999 acres ..... farms	8	1	3	2	2
acres irrigated	665	(D)	50	(D)	(D)
2,000 acres or more ..... farms	26	8	7	5	6
acres irrigated	137 386	9 696	33 507	30 707	63 476
1982 irrigated acres by size of farm:					
1 to 9 acres ..... farms	982	273	422	92	195
acres irrigated	2 108	517	953	210	428
10 to 49 acres ..... farms	440	167	80	66	127
acres irrigated	3 703	1 016	737	629	1 321
50 to 69 acres ..... farms	30	12	4	5	9
acres irrigated	582	208	44	129	201
70 to 99 acres ..... farms	20	9	1	4	6
acres irrigated	(D)	322	(D)	(D)	126
100 to 139 acres ..... farms	13	5	5	1	2
acres irrigated	(D)	137	202	(D)	(D)
140 to 179 acres ..... farms	11	3	-	5	3
acres irrigated	515	153	-	95	267
180 to 219 acres ..... farms	4	1	1	-	2
acres irrigated	(D)	(D)	(D)	-	(D)
220 to 259 acres ..... farms	2	1	-	-	1
acres irrigated	(D)	(D)	-	-	(D)
260 to 499 acres ..... farms	9	2	1	4	2
acres irrigated	352	(D)	(D)	7	(D)
500 to 999 acres ..... farms	3	2	1	-	-
acres irrigated	950	(D)	(D)	-	-
1,000 to 1,999 acres ..... farms	7	3	4	-	-
acres irrigated	1 818	970	848	-	-
2,000 acres or more ..... farms	23	6	6	5	6
acres irrigated	134 757	7 798	32 959	33 229	60 771

Table 8. **Machinery and Equipment on Place: 1987 and 1982**

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

All Farms	Hawaii	Hawaii	Honolulu	Kauai	Maui
VALUE OF MACHINERY AND EQUIPMENT					
Estimated market value of all machinery and equipment ---- farms, 1987	4 836	2 786	933	398	719
1982	4 558	2 511	967	410	670
$1,000, 1987	199 280	75 743	36 875	27 986	58 676
1982	190 230	60 301	27 902	28 849	73 178
Average per farm ---- dollars, 1987	41 208	27 187	39 523	70 317	81 608
1982	41 735	24 015	28 854	70 362	109 222
Farms by value group:					
$1 to $9,999 ---- 1987	2 717	1 669	451	252	345
1982	2 717	1 631	488	231	367
$10,000 to $19,999 ---- 1987	969	593	189	50	137
1982	926	477	223	110	116
$20,000 to $29,999 ---- 1987	509	246	115	53	95
1982	358	174	104	21	59
$30,000 to $49,999 ---- 1987	279	147	76	13	43
1982	255	108	81	18	48
$50,000 to $69,999 ---- 1987	127	44	49	10	24
1982	112	44	27	11	30
$70,000 to $99,999 ---- 1987	85	30	10	7	38
1982	63	24	13	2	24
$100,000 to $199,999 ---- 1987	87	37	27	5	18
1982	77	37	15	9	16
$200,000 or more ---- 1987	63	20	16	8	19
1982	50	16	16	8	10
$200,000 to $499,999 ---- 1987	37	11	10	3	13
$500,000 or more ---- 1987	26	9	6	5	6
SELECTED MACHINERY AND EQUIPMENT					
Motortrucks, including pickups ---- farms, 1987	4 222	2 466	775	356	625
1982	3 394	1 841	676	339	538
number, 1987	9 270	4 323	1 745	1 244	1 958
1982	7 545	3 521	1 475	1 034	1 515
Wheel tractors ---- farms, 1987	2 336	1 126	555	232	423
1982	1 812	763	490	213	346
number, 1987	4 506	1 802	1 105	668	931
1982	3 357	1 324	890	444	699
Less than 40 horsepower (PTO) ---- farms, 1987	1 797	891	422	171	313
number, 1987	2 550	1 163	661	304	422
40 horsepower (PTO) or more ---- farms, 1987	932	373	252	107	200
number, 1987	1 956	639	444	364	509
Grain and bean combines[1] ---- farms, 1987	-	-	-	-	-
1982	-	-	-	-	-
number, 1987	-	-	-	-	-
1982	-	-	-	-	-
Cottonpickers and strippers ---- farms, 1987	-	-	-	-	-
1982	-	-	-	-	-
number, 1987	-	-	-	-	-
1982	-	-	-	-	-
Mower conditioners ---- farms, 1987	-	-	-	-	-
1982	-	-	-	-	-
number, 1987	-	-	-	-	-
1982	-	-	-	-	-
Pickup balers ---- farms, 1987	5	1	1	-	3
1982	4	-	1	-	3
number, 1987	8	(D)	(D)	-	(D)
1982	10	-	(D)	-	(D)
1987 INVENTORY					
Manufactured 1983 to 1987:					
Motortrucks, including pickups ---- farms	1 660	974	317	125	244
number	2 993	1 307	554	363	769
Wheel tractors ---- farms	692	378	151	37	126
number	1 064	515	211	139	199
Less than 40 horsepower (PTO) ---- farms	538	313	110	28	87
number	666	367	145	52	102
40 horsepower (PTO) or more ---- farms	213	88	57	18	50
number	398	148	66	87	97
Grain and bean combines ---- farms	-	-	-	-	-
number	-	-	-	-	-
Cottonpickers and strippers ---- farms	-	-	-	-	-
number	-	-	-	-	-
Mower conditioners ---- farms	-	-	-	-	-
number	-	-	-	-	-
Pickup balers ---- farms	2	1	1	-	-
number	(D)	(D)	(D)	-	-
Manufactured prior to 1983:					
Motortrucks, including pickups ---- farms	3 159	1 817	582	276	484
number	6 277	3 016	1 191	881	1 189
Wheel tractors ---- farms	1 867	838	474	208	347
number	3 442	1 287	894	529	732
Less than 40 horsepower (PTO) ---- farms	1 368	630	344	151	243
number	1 884	796	516	252	320
40 horsepower (PTO) or more ---- farms	806	306	231	94	175
number	1 558	491	378	277	412
Grain and bean combines ---- farms	-	-	-	-	-
number	-	-	-	-	-
Cottonpickers and strippers ---- farms	-	-	-	-	-
number	-	-	-	-	-
Mower conditioners ---- farms	-	-	-	-	-
number	-	-	-	-	-
Pickup balers ---- farms	4	-	1	-	3
number	(D)	-	(D)	-	(D)

[1]Data for 1982 include self-propelled only.

Table 9. **Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982**

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

Chemicals used		Hawaii	Hawaii	Honolulu	Kauai	Maui
Commercial fertilizer	farms, 1987	3 522	2 212	638	227	445
	1982	3 158	1 906	620	249	383
	acres on which used, 1987	225 457	83 882	40 096	38 132	63 347
	1982	228 984	98 182	31 076	47 945	51 781
Cropland fertilized, except pastureland	farms, 1987	3 401	2 154	626	196	425
	1982	3 046	1 850	614	215	367
	acres on which used, 1987	214 234	77 627	39 450	34 242	62 915
	1982	220 045	93 408	30 802	44 560	51 275
Pastureland and rangeland fertilized	farms, 1987	150	76	14	38	22
	1982	151	75	9	42	25
	acres on which used, 1987	11 223	6 255	646	3 890	432
	1982	8 939	4 774	274	3 385	506
Lime	farms, 1987	825	598	67	56	104
	1982	525	342	65	58	60
	acres on which used, 1987	21 544	19 781	202	775	786
	1982	9 547	7 076	161	1 735	575
	tons, 1987	23 220	21 296	163	972	789
	1982	10 423	8 256	139	1 632	396
Sprays, dusts, granules, fumigants, etc., to control—						
Insects on hay and other crops	farms, 1987	2 008	1 026	541	98	343
	1982	1 702	786	518	116	282
	acres on which used, 1987	68 150	(D)	13 132	(D)	27 864
	1982	45 671	(D)	11 438	(D)	13 204
Nematodes in crops	farms, 1987	663	383	97	37	146
	1982	654	349	112	41	152
	acres on which used, 1987	15 792	1 455	(D)	(D)	8 234
	1982	9 638	1 279	2 925	381	5 053
Diseases in crops and orchards	farms, 1987	1 151	605	246	69	231
	1982	1 067	499	294	77	197
	acres on which used, 1987	(D)	4 832	2 046	(D)	9 894
	1982	18 085	3 456	10 217	597	3 815
Weeds, grass, or brush in crops and pasture	farms, 1987	2 887	1 907	434	189	357
	1982	2 385	1 523	400	203	259
	acres on which used, 1987	235 871	101 517	35 219	40 657	58 478
	1982	213 551	80 228	30 514	49 890	52 919
Chemicals used for defoliation or for growth control of crops or thinning of fruit	farms, 1987	212	114	42	20	36
	1982	165	98	33	15	19
	acres on which used, 1987	57 481	3 015	17 606	11 626	25 234
	1982	50 455	(D)	(D)	13 036	(D)

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982

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

Characteristics		Hawaii	Hawaii	Honolulu	Kauai	Maui
FARMS						
Land in farms	farms, 1987	4 870	2 810	938	400	722
	1982	4 595	2 539	976	410	670
	acres, 1987	1 721 521	1 007 287	130 771	224 153	359 310
	1982	1 957 501	1 172 448	125 932	255 981	403 140
Harvested cropland	farms, 1987	3 837	2 390	716	235	496
	1982	3 538	2 123	732	240	443
	acres, 1987	152 719	63 098	24 779	21 890	42 952
	1982	155 960	59 629	(D)	24 039	(D)
TENURE OF OPERATOR						
Full owners	farms, 1987	2 549	1 471	480	201	397
	1982	2 332	1 312	505	174	341
	acres, 1987	344 157	177 432	19 365	57 662	89 698
	1982	328 728	155 522	10 620	55 986	106 600
Harvested cropland	farms, 1987	2 005	1 237	353	121	294
	1982	1 855	1 116	383	113	243
	acres, 1987	30 700	9 989	6 113	822	13 776
	1982	25 493	8 880	943	666	15 004
Part owners	farms, 1987	768	459	85	69	155
	1982	794	441	85	93	175
	acres, 1987	1 074 110	610 989	76 386	151 823	234 912
	1982	1 286 352	806 606	90 284	179 860	209 602
Owned land in farms	acres, 1987	504 749	299 344	1 982	(D)	(D)
	1982	537 945	329 451	11 472	(D)	(D)
Rented land in farms	acres, 1987	569 361	311 645	74 404	(D)	(D)
	1982	748 407	477 155	78 812	(D)	(D)
Harvested cropland	farms, 1987	566	382	70	26	88
	1982	556	351	70	34	101
	acres, 1987	103 808	42 471	16 774	17 881	26 682
	1982	102 022	45 285	(D)	19 927	(D)
Tenants	farms, 1987	1 553	880	373	130	170
	1982	1 469	786	386	143	154
	acres, 1987	303 254	218 866	35 020	14 668	34 700
	1982	342 421	210 320	25 028	20 135	86 938
Harvested cropland	farms, 1987	1 266	771	293	88	114
	1982	1 127	656	279	93	99
	acres, 1987	18 211	10 638	1 892	3 187	2 494
	1982	28 445	5 464	1 911	3 446	17 624
OPERATOR CHARACTERISTICS						
Operators by place of residence:						
On farm operated	1987	2 750	1 543	533	214	460
	1982	2 675	1 428	592	221	434
Not on farm operated	1987	1 713	1 021	326	148	218
	1982	1 439	819	301	138	181
Not reported	1987	407	246	79	38	44
	1982	481	292	83	51	55
Operators by principal occupation:						
Farming	1987	2 816	1 545	660	213	398
	1982	2 565	1 347	644	196	378
Other	1987	2 054	1 265	278	187	324
	1982	2 030	1 192	332	214	292
Operators by days of work off farm:						
None	1987	1 723	875	441	143	264
	1982	1 633	811	456	122	244
Any	1987	2 728	1 693	398	229	408
	1982	2 534	1 510	416	249	359
1 to 49 days	1987	350	202	54	39	55
	1982	350	200	63	32	55
50 to 99 days	1987	274	182	39	15	38
	1982	225	141	35	21	28
100 to 149 days	1987	332	233	25	22	52
	1982	265	154	41	31	39
150 to 199 days	1987	296	205	34	20	37
	1982	323	214	36	24	49
200 days or more	1987	1 476	871	246	133	226
	1982	1 371	801	241	141	188
Not reported	1987	419	242	99	28	50
	1982	428	218	104	39	67
Operators by years on present farm:						
2 years or less	1987	491	294	88	29	80
	1982	412	240	84	34	54
3 or 4 years	1987	580	382	96	25	77
	1982	572	342	109	44	77
5 to 9 years	1987	1 042	622	187	82	151
	1982	991	504	231	85	171
10 years or more	1987	1 907	1 035	399	177	296
	1982	1 702	912	388	160	242
Average years on present farm	1987	13.3	12.7	13.9	16.9	12.7
	1982	13.3	13.3	13.3	13.6	13.0
Not reported	1987	850	477	168	87	118
	1982	918	541	164	87	126

Table 10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982—Con.

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

Characteristics		Hawaii	Hawaii	Honolulu	Kauai	Maui
OPERATOR CHARACTERISTICS—Con.						
Operators by age group:						
Under 25 years	1987	28	22	4	-	2
	1982	35	20	5	5	5
25 to 34 years	1987	505	332	61	37	75
	1982	630	381	104	48	97
35 to 44 years	1987	1 151	653	216	83	199
	1982	794	409	147	87	151
45 to 54 years	1987	765	450	138	58	119
	1982	803	446	177	69	111
55 to 64 years	1987	1 227	687	282	100	158
	1982	1 325	695	331	118	181
55 to 59 years	1987	555	325	119	48	63
60 to 64 years	1987	672	362	163	52	95
65 years and over	1987	1 194	666	237	122	169
	1982	1 008	588	212	83	125
65 to 69 years	1987	495	275	103	43	74
70 years and over	1987	699	391	134	79	95
Average age	1987	53.0	52.5	54.4	55.2	52.0
	1982	52.7	52.7	54.2	52.4	51.2
Operators by sex:						
Male	farms, 1987	4 210	2 434	795	355	626
	1982	3 980	2 171	836	379	594
	acres, 1987	1 627 203	932 294	128 333	220 010	346 566
	1982	1 827 827	1 102 558	121 753	203 771	399 745
Female	farms, 1987	660	376	143	45	96
	1982	615	368	140	31	76
	acres, 1987	94 318	74 993	2 438	4 143	12 744
	1982	129 674	69 890	4 179	52 210	3 395
TYPE OF ORGANIZATION						
Individual or family (sole proprietorship)	farms, 1987	4 035	2 404	703	335	593
	1982	3 852	2 194	758	341	559
	acres, 1987	429 021	311 993	13 035	56 630	47 363
	1982	481 212	348 491	15 459	59 670	57 592
Partnership	farms, 1987	404	216	106	23	59
	1982	351	165	104	27	55
	acres, 1987	169 792	135 742	9 162	3 353	21 535
	1982	130 761	92 332	10 224	7 729	20 476
Corporation:						
Family held	farms, 1987	282	129	92	17	44
	1982	272	128	87	22	35
	acres, 1987	542 953	238 254	(D)	62 067	(D)
	1982	507 280	199 496	22 947	107 005	177 832
Other than family held	farms, 1987	88	33	28	15	12
	1982	80	31	21	14	14
	acres, 1987	356 096	110 763	(D)	100 651	(D)
	1982	492 941	202 346	76 365	79 040	135 190
Other—cooperative, estate or trust, institutional, etc.	farms, 1987	61	28	9	10	14
	1982	40	21	6	6	7
	acres, 1987	223 659	210 535	1 511	1 452	10 161
	1982	345 307	329 783	937	2 537	12 050

Table 11. **Cattle and Calves—Inventory and Sales: 1987 and 1982**

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

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui
INVENTORY					
Cattle and calves ---- farms, 1987	1 003	532	97	176	198
1982	1 040	497	108	191	244
number, 1987	211 045	132 022	29 344	13 856	35 823
1982	241 969	147 604	33 603	18 938	41 824
Farms by inventory:					
1 to 9 ---- farms, 1987	344	194	35	53	62
1982	363	168	37	61	97
number, 1987	1 527	842	124	231	330
1982	1 651	696	143	319	493
10 to 19 ---- farms, 1987	188	87	13	44	44
1982	197	82	19	43	53
number, 1987	2 481	1 135	166	612	568
1982	2 682	1 100	250	604	728
20 to 49 ---- farms, 1987	198	102	8	50	38
1982	212	97	14	47	54
number, 1987	6 140	3 115	317	1 477	1 231
1982	6 431	2 997	433	1 314	1 687
50 to 99 ---- farms, 1987	102	49	14	11	28
1982	88	45	7	20	16
number, 1987	6 668	3 244	894	710	1 820
1982	5 987	3 148	474	1 323	1 042
100 to 199 ---- farms, 1987	70	44	11	5	10
1982	71	52	4	6	9
number, 1987	9 415	5 664	(D)	731	(D)
1982	9 598	7 009	566	770	1 253
200 to 499 ---- farms, 1987	40	23	8	5	4
1982	43	16	16	6	5
number, 1987	12 136	6 295	(D)	1 666	(D)
1982	12 962	4 750	5 037	1 465	1 710
500 or more ---- farms, 1987	61	33	8	8	12
1982	66	37	11	8	10
number, 1987	172 678	111 727	23 357	8 429	29 165
1982	202 658	127 904	26 700	13 143	34 911
Cows and heifers that had calved ---- farms, 1987	769	405	73	139	152
1982	825	377	86	162	200
number, 1987	95 263	62 413	11 015	5 992	15 843
1982	103 290	63 218	12 578	7 565	19 929
Beef cows ---- farms, 1987	724	381	59	133	151
1982	784	357	72	159	196
number, 1987	83 427	60 504	2 416	(D)	(D)
1982	90 523	61 379	3 166	(D)	(D)
1987 farms by inventory:					
1 to 9 ---- farms	321	164	23	65	69
number	1 349	644	81	(D)	(D)
10 to 19 ---- farms	143	77	10	31	25
number	1 967	1 025	170	436	336
20 to 49 ---- farms	124	54	14	22	34
number	3 540	1 549	469	578	944
50 to 99 ---- farms	54	35	5	5	9
number	3 588	2 366	309	363	550
100 to 199 ---- farms	26	17	4	2	3
number	3 652	2 450	487	(D)	(D)
200 to 499 ---- farms	23	10	3	5	5
number	6 271	2 507	900	1 465	1 399
500 or more ---- farms	33	24	-	3	6
number	63 060	49 963	-	2 103	10 994
Milk cows ---- farms, 1987	73	40	19	9	5
1982	88	39	21	14	14
number, 1987	11 836	1 909	8 599	(D)	(D)
1982	12 767	1 839	9 412	(D)	(D)
1987 farms by inventory:					
1 to 9 ---- farms	53	34	7	8	4
number	122	89	13	15	5
10 to 19 ---- farms	-	-	-	-	-
number	-	-	-	-	-
20 to 49 ---- farms	-	-	-	-	-
number	-	-	-	-	-
50 to 99 ---- farms	2	1	1	-	-
number	(D)	(D)	(D)	-	-
100 to 199 ---- farms	2	1	1	-	-
number	(D)	(D)	(D)	-	-
200 to 499 ---- farms	8	2	5	1	-
number	2 662	(D)	(D)	(D)	-
500 or more ---- farms	8	2	5	-	1
number	8 623	(D)	6 750	-	(D)
Heifers and heifer calves ---- farms, 1987	753	395	65	136	157
1982	808	386	80	151	191
number, 1987	61 394	35 532	10 371	3 986	11 505
1982	66 844	40 919	9 765	4 433	11 727
Steers, steer calves, bulls, and bull calves ---- farms, 1987	865	449	84	154	178
1982	940	451	94	177	218
number, 1987	54 388	34 077	7 958	3 878	8 475
1982	71 835	43 467	11 260	6 940	10 168

Table 11. **Cattle and Calves—Inventory and Sales: 1987 and 1982**—Con.

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

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui
SALES					
Dairy products sold ---- farms, 1987	23	8	12	1	2
1982	30	10	16	3	1
$1,000, 1987	31 299	3 570	24 411	(D)	(D)
1982	24 329	2 691	17 916	(D)	(D)
Cattle and calves sold ---- farms, 1987	807	417	77	150	163
1982	817	392	89	157	179
number, 1987	101 315	49 267	30 797	5 149	16 102
1982	91 675	41 606	(D)	4 182	(D)
$1,000, 1987	43 881	18 199	(D)	(D)	(D)
1982	45 495	18 963	(D)	1 949	(D)
1987 farms by number sold:					
1 to 9 ---- farms	428	200	33	97	98
number	1 734	829	131	376	398
10 to 19 ---- farms	130	74	9	21	26
number	1 802	1 018	131	298	355
20 to 49 ---- farms	118	64	16	19	19
number	3 493	1 953	(D)	(D)	(D)
50 to 99 ---- farms	43	28	9	1	5
number	2 886	1 875	(D)	(D)	(D)
100 to 199 ---- farms	28	20	1	5	2
number	3 829	2 628	(D)	762	(D)
200 to 499 ---- farms	26	11	4	4	7
number	8 264	3 503	1 529	1 019	2 213
500 or more ---- farms	34	20	5	3	6
number	79 307	37 461	27 772	(D)	(D)
Calves sold ---- farms, 1987	391	209	22	70	90
1982	368	159	45	75	89
number, 1987	16 199	9 558	1 750	1 240	3 651
1982	10 787	5 256	(D)	1 238	(D)
$1,000, 1987	3 654	2 303	(D)	242	(D)
1982	1 929	1 103	(D)	281	(D)
1987 farms by number sold:					
1 to 9 ---- farms	226	104	10	54	58
number	828	377	45	152	254
10 to 19 ---- farms	68	49	2	6	11
number	896	660	(D)	(D)	131
20 to 49 ---- farms	50	28	3	5	14
number	1 495	856	103	121	415
50 to 99 ---- farms	19	11	2	3	3
number	1 265	684	(D)	(D)	215
100 to 199 ---- farms	11	8	1	1	1
number	1 569	1 054	(D)	(D)	(D)
200 to 499 ---- farms	9	4	4	-	1
number	2 794	1 322	(D)	-	(D)
500 or more ---- farms	8	5	-	1	2
number	7 352	4 605	-	(D)	(D)
Cattle sold ---- farms, 1987	609	309	72	112	116
1982	639	325	73	113	128
number, 1987	85 116	39 709	29 047	3 909	12 451
1982	80 888	36 350	(D)	2 944	(D)
$1,000, 1987	40 226	15 895	(D)	1 785	(D)
1982	43 566	17 861	(D)	1 668	(D)
1987 farms by number sold:					
1 to 9 ---- farms	342	164	33	68	77
number	1 318	660	126	271	261
10 to 19 ---- farms	87	40	9	20	18
number	1 155	516	132	269	238
20 to 49 ---- farms	78	47	11	13	7
number	2 338	1 425	334	378	201
50 to 99 ---- farms	25	14	10	1	-
number	1 625	915	(D)	(D)	-
100 to 199 ---- farms	26	19	2	3	2
number	3 327	2 327	(D)	411	(D)
200 to 499 ---- farms	25	9	4	5	7
number	7 429	2 325	1 486	(D)	(D)
500 or more ---- farms	26	16	3	2	5
number	67 924	31 541	26 020	(D)	(D)
Cattle fattened on grain and concentrates sold ---- farms, 1987	87	31	13	16	27
1982	103	45	11	20	27
number, 1987	42 295	(D)	(D)	100	4 414
1982	33 182	3 079	(D)	(D)	5 130
$1,000, 1987	24 594	(D)	(D)	45	2 426
1982	20 532	1 612	(D)	(D)	2 991
1987 farms by number sold:					
1 to 9 ---- farms	64	27	8	13	16
number	181	85	17	42	37
10 to 19 ---- farms	6	1	-	1	4
number	73	(D)	-	(D)	(D)
20 to 49 ---- farms	5	-	2	2	1
number	146	-	(D)	(D)	(D)
50 to 99 ---- farms	2	-	2	-	-
number	(D)	-	(D)	-	-
100 to 199 ---- farms	3	1	-	-	2
number	414	(D)	-	-	(D)
200 to 499 ---- farms	2	-	-	-	2
number	(D)	-	-	-	(D)
500 or more ---- farms	5	2	1	-	2
number	40 740	(D)	(D)	-	(D)

Table 12. Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982

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

Item		Hawaii	Hawaii	Honolulu	Kauai	Maui
INVENTORY						
Hogs and pigs	farms, 1987	372	103	151	35	83
	1982	371	90	145	44	92
	number, 1987	47 564	3 327	30 901	4 288	9 048
	1982	49 029	4 080	30 967	3 373	10 609
Farms by inventory:						
1 to 24	farms, 1987	198	80	56	20	42
	1982	178	59	50	25	44
	number, 1987	1 445	467	533	144	301
	1982	1 521	365	603	268	285
25 to 49	farms, 1987	50	10	21	6	13
	1982	64	12	22	8	22
	number, 1987	1 685	(D)	701	(D)	454
	1982	2 151	377	769	286	719
50 to 99	farms, 1987	39	6	17	4	12
	1982	36	7	14	4	11
	number, 1987	2 555	(D)	1 066	(D)	835
	1982	2 372	386	1 026	263	697
100 to 199	farms, 1987	33	1	22	3	7
	1982	32	4	18	4	6
	number, 1987	(D)	(D)	3 182	(D)	954
	1982	4 475	(D)	2 711	456	(D)
200 to 499	farms, 1987	31	6	21	-	4
	1982	34	7	21	2	4
	number, 1987	10 411	(D)	(D)	-	(D)
	1982	9 499	1 899	5 850	(D)	(D)
500 to 999	farms, 1987	10	-	8	-	2
	1982	15	1	12	-	2
	number, 1987	(D)	-	(D)	-	(D)
	1982	9 149	(D)	7 317	-	(D)
1,000 or more	farms, 1987	11	-	6	2	3
	1982	12	-	8	1	3
	number, 1987	19 747	-	12 199	(D)	(D)
	1982	19 862	-	12 691	(D)	(D)
Hogs and pigs used or to be used for breeding	farms, 1987	255	55	123	24	53
	1982	285	50	130	37	68
	number, 1987	6 696	574	3 975	587	1 560
	1982	6 779	641	4 235	487	1 416
1987 farms by inventory:						
1 to 24		189	49	77	20	43
25 to 49		26	4	19	2	1
50 to 99		22	2	15	-	5
100 or more	farms	18	-	12	2	4
	number	3 143	-	1 896	(D)	(D)
Other hogs and pigs	farms, 1987	349	96	145	32	76
	1982	356	87	141	44	84
	number, 1987	40 868	2 753	26 926	3 701	7 488
	1982	42 250	3 439	26 732	2 886	9 193
LITTERS						
Litters of pigs farrowed between—						
Dec. 1 of preceding year and Nov. 30	farms, 1987	261	58	124	25	54
	1982	289	52	131	37	69
	number, 1987	9 601	707	5 724	1 115	2 055
	1982	10 323	798	6 752	812	1 961
Dec. 1 of preceding year and May 31	farms, 1987	245	52	117	25	51
	1982	260	44	115	36	65
	number, 1987	4 931	398	2 902	588	1 043
	1982	4 930	398	3 150	408	974
June 1 and Nov. 30	farms, 1987	220	40	116	18	46
	1982	251	45	117	32	57
	number, 1987	4 670	309	2 822	527	1 012
	1982	5 393	400	3 602	404	987
SALES						
Hogs and pigs sold	farms, 1987	307	72	142	26	67
	1982	319	69	138	37	75
	number, 1987	69 019	4 265	42 618	7 517	14 619
	1982	66 875	4 527	44 025	4 745	13 578
	$1,000, 1987	10 371	(D)	6 415	(D)	2 262
	1982	9 175	583	5 977	618	1 996
1987 farms by number sold:						
1 to 24	farms	125	44	53	9	19
	number	1 108	391	429	108	180
25 to 49	farms	47	8	17	7	15
	number	1 656	296	588	271	501
50 to 99	farms	43	11	16	5	11
	number	3 017	791	1 109	345	772
100 to 199	farms	20	2	9	-	9
	number	2 842	(D)	(D)	-	(D)
200 to 499	farms	46	6	31	3	6
	number	14 344	1 924	(D)	(D)	1 566
500 to 999	farms	10	1	5	-	4
	number	7 024	(D)	3 439	-	(D)
1,000 or more	farms	16	-	11	2	3
	number	39 028	-	25 467	(D)	(D)
Feeder pigs sold	farms, 1987	60	20	18	10	12
	1982	66	18	20	10	18
	number, 1987	3 267	773	1 389	421	684
	1982	7 100	719	5 088	300	993
	$1,000, 1987	199	(D)	113	(D)	33
	1982	291	26	215	13	39
Hogs and pigs other than feeder pigs sold	farms, 1987	283	63	137	22	61
	1982	291	61	134	32	64
	number, 1987	65 752	3 492	41 229	7 096	13 935
	1982	59 775	3 808	38 937	4 445	12 585
	$1,000, 1987	10 171	526	6 302	1 115	2 229
	1982	8 883	557	5 763	606	1 958

Table 13. **Sheep and Horses—Inventory and Sales: 1987 and 1982**

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

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui
Sheep and lambs inventory ---- farms, 1987	42	25	5	5	7
1982	34	14	5	6	9
number, 1987	21 908	(D)	(D)	(D)	(D)
1982	(D)	1 618	14	(D)	(D)
1987 farms by inventory:					
1 to 24	33	21	3	4	5
25 to 99	4	2	1	-	1
100 to 299	1	1	-	-	-
300 to 999	1	-	1	-	-
1,000 or more	3	1	-	1	1
Ewes 1 year old or older ---- farms, 1987	33	21	4	4	4
1982	25	12	3	5	5
number, 1987	10 983	(D)	(D)	(D)	(D)
1982	(D)	856	6	(D)	(D)
Sheep and lambs shorn ---- farms, 1987	15	13	-	1	1
1982	13	6	-	1	6
number, 1987	3 196	(D)	-	(D)	(D)
1982	(D)	839	-	(D)	(D)
pounds of wool, 1987	39 997	(D)	-	(D)	(D)
1982	(D)	6 763	-	(D)	(D)
Sheep and lambs sold ---- farms, 1987	26	16	4	3	3
1982	17	8	-	5	4
number, 1987	(D)	682	(D)	(D)	(D)
1982	(D)	(D)	-	(D)	(D)
Sheep, lambs, and wool sold ---- farms, 1987	27	17	4	3	3
1982	21	8	-	5	8
$1,000, 1987	105	(D)	(D)	(D)	(D)
1982	(D)	(D)	-	(D)	(D)
Horses and ponies inventory ---- farms, 1987	537	272	68	80	117
1982	505	240	64	86	115
number, 1987	3 551	1 932	645	326	648
1982	4 030	1 966	665	781	618
Horses and ponies sold ---- farms, 1987	63	30	17	4	12
1982	79	30	18	6	25
number, 1987	236	143	45	6	42
1982	197	81	53	15	48
$1,000, 1987	294	134	124	5	31
1982	270	104	93	12	62

Table 14. **Poultry—Inventory and Sales: 1987 and 1982**

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

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui
INVENTORY					
Any poultry ---- farms, 1987	237	104	57	21	55
1982	257	108	59	30	60
Chickens 3 months old or older ---- farms, 1987	181	82	37	17	45
1982	201	86	37	24	54
number, 1987	(D)	91 678	(D)	(D)	(D)
1982	929 210	54 498	772 198	(D)	(D)
Hens and pullets of laying age ---- farms, 1987	177	82	33	17	45
1982	198	86	37	23	52
number, 1987	(D)	(D)	(D)	(D)	(D)
1982	(D)	53 911	(D)	(D)	(D)
1987 farms by inventory:					
1 to 99	152	73	23	16	40
100 to 399	5	3	1	-	1
400 to 3,199	7	3	1	-	3
3,200 to 9,999	1	1	-	-	-
10,000 to 19,999	1	-	1	-	-
20,000 to 49,999	4	2	1	1	-
50,000 to 99,999	4	-	3	-	1
100,000 or more ---- farms	3	-	3	-	-
number	562 408	-	562 408	-	-
Pullets 3 months old or older not of laying age ---- farms, 1987	53	21	15	6	11
1982	50	20	7	7	16
number, 1987	118 012	(D)	92 421	(D)	266
1982	(D)	587	(D)	110	218
Pullet chicks and pullets under 3 months old ---- farms, 1987	39	15	13	5	6
1982	30	7	8	4	11
number, 1987	113 363	(D)	104 129	(D)	38
1982	93 900	(D)	(D)	(D)	189
Broilers and other meat-type chickens ---- farms, 1987	34	15	10	3	6
1982	48	18	12	7	11
number, 1987	407 074	(D)	389 208	(D)	325
1982	781 551	345	769 742	(D)	(D)
Turkeys ---- farms, 1987	10	3	7	-	-
1982	15	5	3	-	7
number, 1987	23	6	17	-	-
1982	75	39	7	-	29
Turkey hens kept for breeding ---- farms, 1987	4	1	3	-	-
1982	6	4	1	-	1
number, 1987	10	(D)	(D)	-	-
1982	14	(D)	(D)	-	(D)
Ducks, geese, and other poultry ---- farms, 1987	101	44	31	6	20
1982	108	44	26	16	22
SALES					
Any poultry sold ---- farms, 1987	99	36	40	4	19
1982	121	41	42	10	28
$1,000, 1987	21 009	1 006	17 468	(D)	(D)
1982	21 519	1 277	18 383	1 300	559
Hens and pullets sold ---- farms, 1987	31	10	15	2	4
1982	42	10	18	4	10
number, 1987	824 182	35 885	748 815	(D)	(D)
1982	711 679	54 659	620 547	(D)	(D)
Hens and pullets of laying age sold ---- farms, 1987	28	10	13	1	4
1982	41	10	17	4	10
number, 1987	(D)	(D)	(D)	(D)	(D)
1982	(D)	(D)	(D)	(D)	(D)
Pullets not of laying age sold ---- farms, 1987	8	4	3	1	-
1982	7	1	5	-	1
number, 1987	(D)	(D)	(D)	(D)	-
1982	(D)	(D)	(D)	-	(D)
Broilers and other meat-type chickens sold ---- farms, 1987	12	3	8	1	-
1982	23	6	13	1	3
number, 1987	2 069 316	(D)	1 957 754	(D)	-
1982	3 173 500	1 160	(D)	(D)	8
1987 farms by number sold:					
1 to 1,999	6	3	3	-	-
2,000 to 59,999	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-
100,000 to 199,999	2	-	1	1	-
200,000 to 499,999	3	-	3	-	-
500,000 or more ---- farms	1	-	1	-	-
number	(D)	-	(D)	-	-
Turkeys sold ---- farms, 1987	-	-	-	-	-
1982	-	-	-	-	-
number, 1987	-	-	-	-	-
1982	-	-	-	-	-
Turkeys for slaughter sold ---- farms, 1987	-	-	-	-	-
1982	-	-	-	-	-
number, 1987	-	-	-	-	-
1982	-	-	-	-	-
Ducks, geese, and other poultry sold ---- farms, 1987	30	13	15	-	2
1982	27	12	6	3	6

Table 15. **Selected Crops: 1987 and 1982**

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

Crop		Hawaii	Hawaii	Honolulu	Kauai	Maui
Harvested cropland	farms, 1987	3 837	2 390	716	235	496
	1982	3 538	2 123	732	240	443
	acres, 1987	152 719	63 098	24 779	21 890	42 952
	1982	155 960	59 629	(D)	24 039	(D)
Irrigated	farms, 1987	1 796	638	572	182	404
	1982	1 516	473	520	176	347
	acres, 1987	87 082	(D)	(D)	16 704	40 077
	1982	76 035	(D)	(D)	17 778	31 846
Sugarcane for sugar	farms, 1987	79	65	3	6	5
	1982	188	173	5	6	4
	acres, 1987	79 234	28 079	(D)	18 522	(D)
	1982	89 696	35 439	(D)	20 869	(D)
	tons, 1987	7 934 181	2 541 215	(D)	1 915 877	(D)
	1982	8 950 242	3 726 464	(D)	1 867 588	(D)
Irrigated	farms, 1987	17	3	3	6	5
	1982	17	4	3	6	4
	acres, 1987	49 121	(D)	(D)	13 964	(D)
	1982	50 283	(D)	(D)	15 869	(D)
1987 farms by acres harvested:						
1 to 24 acres		54	50	1	1	2
25 to 99 acres		11	11	-	-	-
100 to 249 acres		1	1	-	-	-
250 acres or more		13	3	2	5	3
Pineapples harvested	farms, 1987	18	4	3	3	8
	1982	15	-	3	-	12
	acres, 1987	22 262	6	(D)	3	(D)
	1982	23 141	-	(D)	-	(D)
	tons, 1987	683 182	56	(D)	70	(D)
	1982	626 860	-	196 606	-	430 254
Irrigated	farms, 1987	9	-	3	1	5
	1982	8	-	3	-	5
	acres, 1987	19 674	-	(D)	(D)	(D)
	1982	11 154	-	(D)	-	(D)
1987 farms by acres harvested:						
1 to 24 acres		8	4	1	3	-
25 to 99 acres		2	-	-	-	2
100 to 249 acres		2	-	-	-	2
250 acres or more		6	-	2	-	4
Vegetables harvested for sale (see text)	farms, 1987	710	221	250	53	186
	1982	746	210	274	74	188
	acres, 1987	5 587	1 544	1 318	103	2 622
	1982	4 673	1 721	1 083	122	1 747
Irrigated	farms, 1987	552	106	227	47	172
	1982	604	113	246	62	183
	acres, 1987	5 045	1 153	1 211	96	2 586
	1982	4 373	1 498	1 041	109	1 725
1987 farms by acres harvested:						
0.1 to 4.9 acres		499	163	180	47	109
5.0 to 24.9 acres		156	43	60	6	47
25.0 to 99.9 acres		50	12	10	-	28
100.0 acres or more		5	3	-	-	2
Land in orchards	farms, 1987	2 128	1 625	233	110	160
	1982	1 825	1 338	236	108	143
	acres, 1987	33 564	28 094	1 311	1 768	2 391
	1982	23 178	18 996	1 292	916	1 974
Irrigated	farms, 1987	576	242	160	72	102
	1982	431	114	163	67	87
	acres, 1987	6 704	2 827	800	1 170	1 907
	1982	4 869	1 991	705	392	1 781
1987 farms by bearing and nonbearing acres:						
0.1 to 4.9 acres		1 217	845	169	75	128
5.0 to 24.9 acres		821	707	58	30	26
25.0 to 99.9 acres		69	57	5	3	4
100.0 acres or more		21	16	1	2	2

Table 16. Farms With Sales of $10,000 or More: 1987 and 1982

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item	Hawaii	Hawaii	Honolulu	Kauai	Maui
FARMS AND LAND IN FARMS					
Land in farms ..... farms, 1987	2 049	1 134	502	126	287
1982	1 775	960	456	128	231
acres, 1987	1 634 955	969 965	116 897	215 903	332 190
1982	1 858 568	1 125 247	114 591	245 198	373 532
Average size of farm ..... acres, 1987	798	855	233	1 714	1 157
1982	1 047	1 172	251	1 916	1 617
Value of land and buildings[1]:					
Average per farm ..... dollars, 1987	1 096 618	1 059 093	666 498	1 688 230	1 737 359
1982	1 693 553	1 460 486	634 366	5 320 570	2 743 225
Average per acre ..... dollars, 1987	1 374	1 237	2 862	985	1 501
1982	1 617	1 246	2 524	2 777	1 696
Total cropland ..... farms, 1987	1 814	1 058	406	105	245
1982	1 536	874	354	111	197
acres, 1987	299 180	119 289	46 642	47 218	86 031
1982	324 830	122 329	48 722	49 570	104 209
Harvested cropland ..... farms, 1987	1 758	1 029	394	100	235
1982	1 485	847	348	103	187
acres, 1987	145 422	57 460	24 129	21 543	42 290
1982	149 843	55 462	(D)	23 623	(D)
Irrigated land ..... farms, 1987	975	326	341	94	214
1982	777	242	278	88	169
acres, 1987	146 907	12 042	35 850	32 239	66 776
1982	143 986	11 259	35 602	34 084	63 041
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD					
Total sales (see text) $1,000, 1987	600 637	214 159	167 312	67 094	152 072
1982	549 601	201 466	142 061	70 193	135 881
Average per farm ..... dollars, 1987	293 137	188 853	333 290	532 495	529 866
1982	309 635	209 860	311 538	548 385	588 229
1987 sales by commodity or commodity group:					
Crops, including nursery and greenhouse crops ..... farms	1 749	1 021	393	100	235
$1,000	491 320	190 492	99 185	61 712	139 930
Grains ..... farms	-	-	-	-	-
$1,000	-	-	-	-	-
Corn for grain ..... farms	-	-	-	-	-
$1,000	-	-	-	-	-
Wheat ..... farms	-	-	-	-	-
$1,000	-	-	-	-	-
Soybeans ..... farms	-	-	-	-	-
$1,000	-	-	-	-	-
Sorghum for grain ..... farms	-	-	-	-	-
$1,000	-	-	-	-	-
Barley ..... farms	-	-	-	-	-
$1,000	-	-	-	-	-
Oats ..... farms	-	-	-	-	-
$1,000	-	-	-	-	-
Other grains ..... farms	-	-	-	-	-
$1,000	-	-	-	-	-
Cotton and cottonseed ..... farms	-	-	-	-	-
$1,000	-	-	-	-	-
Tobacco ..... farms	-	-	-	-	-
$1,000	-	-	-	-	-
Hay, silage, and field seeds ..... farms	6	3	-	-	3
$1,000	(D)	(D)	-	-	(D)
Vegetables, sweet corn, and melons ..... farms	427	132	159	22	114
$1,000	24 906	6 076	7 414	235	11 182
Fruits, nuts, and berries ..... farms	734	577	88	39	30
$1,000	153 886	63 099	(D)	2 378	(D)
Nursery and greenhouse crops ..... farms	573	266	193	18	96
$1,000	(D)	(D)	(D)	496	(D)
Other crops ..... farms	310	195	35	47	33
$1,000	257 320	94 186	39 428	58 604	65 103
Livestock, poultry, and their products ..... farms	390	162	127	36	65
$1,000	109 317	23 667	68 126	5 382	12 142
Poultry and poultry products ..... farms	47	14	27	1	5
$1,000	20 963	990	17 449	(D)	(D)
Dairy products ..... farms	21	6	12	1	2
$1,000	(D)	(D)	24 411	(D)	(D)
Cattle and calves ..... farms	225	126	31	28	40
$1,000	42 425	17 441	(D)	(D)	(D)
Hogs and pigs ..... farms	127	21	71	7	28
$1,000	9 909	(D)	6 247	(D)	2 140
Sheep, lambs, and wool ..... farms	10	5	2	1	2
$1,000	(D)	(D)	(D)	(D)	(D)
Other livestock and livestock products (see text) ..... farms	61	28	21	5	7
$1,000	4 624	1 153	3 209	(D)	(D)

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item		Hawaii	Hawaii	Honolulu	Kauai	Maui
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION						
Cash grains (011)		-	-	-	-	-
Field crops, except cash grains (013)		244	170	13	43	18
Cotton (0131)		-	-	-	-	-
Tobacco (0132)		-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		244	170	13	43	18
Vegetables and melons (016)		333	76	144	9	104
Fruits and tree nuts (017)		625	527	52	29	17
Horticultural specialties (018)		500	222	174	14	90
General farms, primarily crop (019)		13	6	5	-	2
Livestock, except dairy, poultry, and animal specialties (021)		257	106	74	28	49
Beef cattle, except feedlots (0212)		144	92	11	21	20
Dairy farms (024)		21	6	12	1	2
Poultry and eggs (025)		29	10	17	1	1
Animal specialties (027)		26	11	11	1	3
General farms, primarily livestock and animal specialties (029)		1	-	-	-	1
FARMS BY SIZE						
1 to 9 acres	1987	976	480	339	43	114
	1982	820	377	319	40	84
10 to 49 acres	1987	734	465	120	41	108
	1982	629	382	99	52	96
50 to 69 acres	1987	53	32	4	5	12
	1982	53	38	5	3	7
70 to 99 acres	1987	45	24	6	5	10
	1982	42	29	3	4	6
100 to 139 acres	1987	35	18	8	6	3
	1982	28	16	6	3	3
140 to 179 acres	1987	18	10	-	5	3
	1982	22	13	1	4	4
180 to 219 acres	1987	19	10	3	1	5
	1982	11	6	1	1	3
220 to 259 acres	1987	7	3	1	2	1
	1982	7	3	2	1	1
260 to 499 acres	1987	36	25	2	2	7
	1982	46	29	3	6	8
500 to 999 acres	1987	21	9	5	3	4
	1982	21	16	4	-	1
1,000 to 1,999 acres	1987	30	15	4	6	5
	1982	24	10	6	6	2
2,000 acres or more	1987	75	43	10	7	15
	1982	72	41	7	8	16
TENURE OF OPERATOR						
Full owners	farms, 1987	809	436	221	35	117
	1982	684	353	208	40	83
	acres, 1987	306 818	162 705	16 510	53 849	73 754
	1982	288 739	135 210	7 029	54 577	91 923
Part owners	farms, 1987	425	249	65	26	85
	1982	441	270	61	28	82
	acres, 1987	1 058 432	604 194	74 634	149 932	229 672
	1982	1 254 999	793 134	89 689	173 824	198 352
Tenants	farms, 1987	815	449	216	65	85
	1982	650	337	187	60	66
	acres, 1987	269 705	203 066	25 753	12 122	28 764
	1982	314 830	196 903	17 873	16 797	83 257
OPERATOR CHARACTERISTICS						
Operators by place of residence:						
On farm operated	1987	1 127	599	293	67	168
	1982	1 029	533	273	69	154
Not on farm operated	1987	796	453	183	54	106
	1982	599	333	154	43	69
Not reported	1987	126	82	26	5	13
	1982	147	94	29	16	8
Operators by principal occupation:						
Farming	1987	1 557	816	429	97	215
	1982	1 352	685	373	100	194
Other	1987	492	318	73	29	72
	1982	423	275	83	28	37
Operators by days of work off farm:						
None	1987	960	446	303	61	150
	1982	875	408	280	61	126
Any	1987	909	573	153	59	124
	1982	722	456	131	56	79
1 to 49 days	1987	148	88	27	15	18
	1982	107	67	20	11	9
50 to 99 days	1987	71	44	13	1	13
	1982	64	40	11	4	9
100 to 149 days	1987	122	90	5	11	16
	1982	87	51	12	13	11

See footnotes at end of table.

Table 16. Farms With Sales of $10,000 or More: 1987 and 1982—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item		Hawaii	Hawaii	Honolulu	Kauai	Maui
OPERATOR CHARACTERISTICS—Con.						
Operators by days of work off farm—Con.						
Any—Con.						
150 to 199 days	1987	98	69	9	10	10
	1982	89	64	8	7	10
200 days or more	1987	470	282	99	22	67
	1982	375	234	80	21	40
Not reported	1987	180	115	46	6	13
	1982	178	96	45	11	26
1987 operators by years on present farm:						
2 years or less		197	114	41	9	33
3 or 4 years		246	155	53	11	27
5 to 9 years		449	239	101	36	73
10 years or more		867	456	237	53	121
Average years on present farm		13.5	13.2	14.2	15.2	12.3
Not reported		290	170	70	17	33
1987 operators by age group:						
Under 25 years		12	11	1	-	-
25 to 34 years		263	165	37	21	40
35 to 44 years		536	268	139	32	97
45 to 54 years		314	173	81	17	43
55 to 64 years		542	294	152	30	66
65 years and over		382	223	92	26	41
Average age		51.1	51.1	52.3	50.9	48.7
TYPE OF ORGANIZATION						
Individual or family (sole proprietorship)	farms, 1987	1 506	901	315	89	201
	1982	1 298	751	299	82	166
	acres, 1987	372 486	283 110	7 955	49 682	31 739
	1982	411 006	309 868	8 253	50 861	42 024
Partnership	farms, 1987	221	100	76	8	37
	1982	175	73	66	14	22
	acres, 1987	159 240	129 627	6 064	2 669	20 880
	1982	123 192	90 203	(D)	(D)	18 753
Corporation:						
Family held	farms, 1987	216	91	79	14	32
	1982	218	101	72	16	29
	acres, 1987	539 955	236 701	(D)	61 966	(D)
	1982	505 588	198 803	(D)	(D)	177 635
Other than family held	farms, 1987	72	27	23	12	10
	1982	64	26	15	12	11
	acres, 1987	349 764	110 490	(D)	100 440	(D)
	1982	491 936	202 225	(D)	(D)	135 070
Other—cooperative, estate or trust, institutional, etc.	farms, 1987	34	15	9	3	7
	1982	20	9	4	4	3
	acres, 1987	213 510	210 037	1 511	1 146	816
	1982	326 846	324 148	(D)	(D)	50
1987 FARM PRODUCTION EXPENSES[1]						
Total farm production expenses	farms	2 048	1 133	502	126	287
	$1,000	482 975	151 353	142 137	62 118	127 367
Livestock and poultry purchased	farms	244	97	84	20	43
	$1,000	14 646	1 527	11 012	403	1 704
Feed for livestock and poultry	farms	344	129	120	36	59
	$1,000	42 095	6 518	28 554	2 231	4 792
Commercially mixed formula feeds	farms	168	63	67	10	28
	$1,000	18 883	2 300	13 922	1 170	1 491
Seeds, bulbs, plants, and trees	farms	820	388	224	39	169
	$1,000	12 047	4 837	2 812	(D)	(D)
Commercial fertilizer	farms	1 676	982	373	100	221
	$1,000	29 701	12 116	4 565	5 607	7 413
Agricultural chemicals	farms	1 787	1 035	398	107	247
	$1,000	17 152	6 207	3 583	2 069	5 294
Petroleum products	farms	1 995	1 109	479	124	283
	$1,000	16 065	5 326	3 413	2 601	4 724
Electricity	farms	1 173	578	335	81	179
	$1,000	5 389	1 414	2 845	359	771
Hired farm labor	farms	902	460	226	51	165
	$1,000	192 113	54 058	48 231	26 205	63 619
Contract labor	farms	457	309	71	22	55
	$1,000	5 286	3 457	710	709	410
Repair and maintenance	farms	1 799	977	444	114	264
	$1,000	24 473	6 748	7 305	5 948	4 471
Customwork, machine hire, and rental of machinery and equipment	farms	387	225	83	30	49
	$1,000	7 872	2 341	2 221	2 349	961
Interest	farms	860	478	202	32	148
	$1,000	21 407	13 663	4 162	(D)	(D)
Cash rent	farms	967	538	226	80	123
	$1,000	15 212	3 905	6 516	2 950	1 840
Property taxes	farms	1 596	878	373	98	247
	$1,000	4 140	1 485	1 173	636	846
All other farm production expenses	farms	2 040	1 126	501	126	287
	$1,000	75 377	27 751	15 034	8 851	23 741

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item		Hawaii	Hawaii	Honolulu	Kauai	Maui
MACHINERY AND EQUIPMENT[1]						
Estimated market value of all machinery and equipment	farms, 1987	2 048	1 133	502	126	287
	1982	1 774	959	456	128	231
	$1,000, 1987	174 643	62 316	32 266	25 546	54 516
	1982	166 811	48 660	23 500	25 934	68 716
Average per farm	dollars, 1987	85 275	55 001	64 274	202 744	189 951
	1982	94 031	50 740	51 534	202 612	297 474
Motortrucks, including pickups	farms, 1987	1 904	1 068	443	122	271
	1982	1 467	796	349	118	204
	number, 1987	6 370	2 602	1 315	947	1 506
	1982	5 136	2 226	1 086	755	1 069
Wheel tractors	farms, 1987	1 180	538	332	98	212
	1982	941	404	280	88	169
	number, 1987	2 937	1 078	751	446	662
	1982	2 253	868	628	279	478
Grain and bean combines[2]	farms, 1987	-	-	-	-	-
	1982	-	-	-	-	-
	number, 1987	-	-	-	-	-
	1982	-	-	-	-	-
LIVESTOCK AND POULTRY						
Cattle and calves inventory	farms, 1987	259	148	34	32	45
	1982	268	146	43	35	44
	number, 1987	193 062	122 498	27 587	11 100	31 877
	1982	219 651	135 923	31 852	14 901	36 975
Cows and heifers that had calved	farms, 1987	218	120	31	29	38
	1982	232	129	32	34	37
	number, 1987	87 862	58 709	10 184	4 891	14 078
	1982	94 291	58 706	11 829	5 903	17 853
Beef cows	farms, 1987	198	113	20	28	37
	1982	208	122	19	32	35
	number, 1987	76 126	56 877	1 597	(D)	(D)
	1982	81 629	56 921	2 420	(D)	(D)
Milk cows	farms, 1987	27	10	13	2	2
	1982	38	13	18	4	3
	number, 1987	11 736	1 832	8 587	(D)	(D)
	1982	12 662	1 785	9 409	(D)	(D)
Heifers and heifer calves	farms, 1987	214	118	31	28	37
	number, 1987	55 989	32 352	9 961	3 142	10 534
Steers, steer calves, bulls, and bull calves	farms, 1987	223	128	30	26	39
	number, 1987	49 211	31 437	7 442	3 067	7 265
Cattle and calves sold	farms, 1987	225	126	31	28	40
	1982	241	134	38	34	35
	number, 1987	96 239	46 362	30 376	4 328	15 173
	1982	86 603	38 753	30 503	3 609	13 738
Calves	farms, 1987	111	69	12	10	20
	number, 1987	13 998	8 208	1 670	967	3 153
Cattle	farms, 1987	198	106	30	26	36
	1982	214	125	33	28	28
	number, 1987	82 241	38 154	28 706	3 361	12 020
	1982	77 864	34 609	(D)	2 562	(D)
Fattened on grain and concentrates	farms, 1987	23	4	7	-	12
	number, 1987	42 031	(D)	(D)	-	4 356
Hogs and pigs inventory	farms, 1987	136	23	73	8	32
	1982	132	31	63	11	27
	number, 1987	42 784	2 397	28 822	3 726	7 839
	1982	42 683	2 770	27 997	2 663	9 253
Used or to be used for breeding	farms, 1987	111	17	64	7	23
	1982	114	23	58	11	22
	number, 1987	5 786	364	3 608	480	1 334
	1982	5 698	435	3 749	351	1 163
Other	farms, 1987	131	22	71	8	30
	1982	125	29	61	11	24
	number, 1987	36 998	2 033	25 214	3 246	6 505
	1982	36 985	2 335	24 248	2 312	8 090
Hogs and pigs sold	farms, 1987	127	21	71	7	28
	1982	126	27	62	11	26
	number, 1987	64 618	(D)	41 199	(D)	13 416
	1982	61 919	3 340	41 955	4 194	12 430
Feeder pigs	farms, 1987	15	7	5	-	3
	1982	16	4	6	2	4
	number, 1987	1 952	(D)	1 130	-	(D)
	1982	5 709	(D)	4 697	(D)	628
Sheep and lambs inventory	farms, 1987	11	6	2	1	2
	1982	8	3	1	2	2
	number, 1987	21 353	(D)	(D)	(D)	(D)
	1982	(D)	(D)	(D)	(D)	(D)
Sheep and lambs sold	farms, 1987	10	5	2	1	2
	1982	7	3	-	2	2
	number, 1987	(D)	(D)	(D)	(D)	(D)
	1982	(D)	(D)	-	(D)	(D)
Hens and pullets of laying age inventory	farms, 1987	53	22	17	7	7
	1982	57	24	17	4	12
	number, 1987	990 691	(D)	(D)	(D)	(D)
	1982	(D)	(D)	(D)	(D)	(D)
Broilers and other meat-type chickens sold	farms, 1987	8	1	6	1	-
	1982	15	1	13	1	-
	number, 1987	2 069 219	(D)	(D)	(D)	-
	1982	3 172 382	(D)	(D)	(D)	-

See footnotes at end of table.

Table 16. **Farms With Sales of $10,000 or More: 1987 and 1982**—Con.

[Data for 1987 include abnormal farms. For meaning of abbreviations and symbols, see introductory text]

Item		Hawaii	Hawaii	Honolulu	Kauai	Maui
CROPS HARVESTED						
Sugarcane for sugar	farms, 1987	62	48	3	6	5
	1982	157	142	5	6	4
	acres, 1987	79 140	27 985	(D)	18 522	(D)
	1982	(D)	35 305	(D)	20 869	(D)
	tons, 1987	7 929 989	2 537 023	(D)	1 915 877	(D)
	1982	8 941 044	3 717 266	(D)	1 867 588	(D)
Pineapples harvested	farms, 1987	12	-	3	1	8
	1982	14	-	3	-	11
	acres, 1987	22 254	-	(D)	(D)	13 985
	1982	(D)	-	(D)	-	(D)
	tons, 1987	683 086	-	(D)	(D)	(D)
	1982	(D)	-	196 606	-	(D)
Vegetables harvested for sale (see text)	farms, 1987	428	133	159	22	114
	1982	366	90	149	27	100
	acres, 1987	5 165	1 427	1 157	79	2 503
	1982	4 133	1 586	897	75	1 575
Land in orchards	farms, 1987	796	612	105	41	38
	1982	612	449	95	44	24
	acres, 1987	27 525	22 977	(D)	(D)	(D)
	1982	18 656	15 505	869	(D)	(D)

[1]Data are based on a sample of farms.
[2]Data for 1982 include self-propelled only.

Table 17. **Milk Goats—Inventory and Sales: 1987 and 1982**

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

Geographic area	Inventory		Sales					
			Milk goats		Goat milk			
	Farms	Number	Farms	Number	Farms	Gallons	Farms	Total sales ($1,000)
STATE TOTAL								
Hawaii 1987	22	136	8	54	5	1 446	11	(D)
1982	50	241	16	92	5	1 521	(NA)	14
COUNTIES, 1987								
Hawaii	14	84	5	40	4	(D)	7	11
All other counties	8	52	3	14	1	(D)	4	(D)

Table 18. **Angora Goats—Inventory and Sales: 1987 and 1982**

[Not published for this State]

Table 19. **Mink and Their Pelts—Inventory and Sales: 1987 and 1982**

[Not published for this State]

Table 20. **Colonies of Bees and Honey—Inventory and Sales: 1987 and 1982**

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

Geographic area	Inventory		Sales					
			Colonies of bees		Honey			
	Farms	Number	Farms	Number	Farms	Pounds	Farms	Total sales ($1,000)
STATE TOTAL								
Hawaii 1987	66	10 616	2	(D)	32	1 347 115	33	1 063
1982	79	8 587	1	(D)	33	777 084	(NA)	(D)
COUNTIES, 1987								
Hawaii	41	8 014	2	(D)	18	1 201 195	19	978
Honolulu	4	(D)	-	-	3	6 400	3	5
Kauai	8	317	-	-	5	(D)	5	4
Maui	13	(D)	-	-	6	(D)	6	76

Table 21. **Fish Sales: 1987 and 1982**

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

Geographic area	Farms	Pounds (1,000)	Farms	Number (1,000)	Farms	Sales ($1,000)
OTHER AQUACULTURAL PRODUCTS						
State Total						
Hawaii 1987	8	(X)	1	(X)	9	3 174
1982	13	(X)	-	(X)	13	884

Table 22. **Miscellaneous Poultry—Inventory and Sales: 1987 and 1982**

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

Geographic area		Inventory		Sales	
		Farms	Number	Farms	Number
DUCKS					
State Total					
Hawaii	1987	55	795	8	127
	1982	69	1 284	13	530
Counties, 1987					
Hawaii		18	132	1	(D)
Honolulu		19	411	7	(D)
Kauai		4	54	-	-
Maui		14	198	-	-
GEESE					
State Total					
Hawaii	1987	38	233	7	182
	1982	46	302	4	24
Counties, 1987					
Hawaii		15	101	3	(D)
Honolulu		12	53	4	(D)
Maui		11	79	-	-
PIGEONS OR SQUAB					
State Total					
Hawaii	1987	5	172	2	(D)
	1982	11	840	1	(D)
PHEASANTS					
State Total					
Hawaii	1987	7	663	6	(D)
	1982	4	179	1	(D)
QUAIL					
State Total					
Hawaii	1987	4	781	4	(D)
	1982	4	380	2	(D)
OTHER POULTRY					
State Total					
Hawaii	1987	27	5 544	15	8 125
	1982	19	1 156	9	1 976
Counties, 1987					
Hawaii		13	1 552	8	608
Honolulu		11	3 914	6	(D)
All other counties		3	78	1	(D)
POULTRY HATCHED (SEE TEXT)					
State Total					
Hawaii	1987	12	(D)	36	(D)
	1982	9	(D)	41	(D)
Counties, 1987					
Hawaii		7	1 386	19	4 142
Honolulu		4	(D)	7	(D)
All other counties		1	(D)	10	290

Table 23. Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1987 and 1982

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

Geographic area	Inventory		Sales		
	Farms	Number	Farms	Number	Sales ($1,000)
MULES, BURROS, AND DONKEYS					
State Total					
Hawaii 1987	33	111	-	-	-
1982	20	64	2	(D)	(D)
Counties, 1987					
Hawaii	13	42	-	-	-
Kauai	11	47	-	-	-
All other counties	9	22	-	-	-
GOATS, TOTAL					
State Total					
Hawaii 1987	74	938	34	436	(NA)
1982	76	467	22	148	(NA)
Counties, 1987					
Hawaii	29	320	13	116	(NA)
Honolulu	10	253	4	(D)	(NA)
Kauai	13	104	4	(D)	(NA)
Maui	22	261	13	85	(NA)
GOATS, EXCEPT ANGORA AND MILK					
State Total					
Hawaii 1987	58	802	26	382	34
1982	30	226	6	56	4
Counties, 1987					
Hawaii	19	236	8	76	5
Honolulu	9	(D)	4	(D)	(D)
Kauai	12	(D)	4	(D)	(D)
Maui	18	227	10	71	5
RABBITS AND THEIR PELTS					
State Total					
Hawaii 1987	32	355	13	993	18
1982	21	383	9	(D)	(D)
Counties, 1987					
Hawaii	11	192	7	(D)	(D)
Honolulu	10	98	4	515	14
All other counties	11	65	2	(D)	(D)

Table 24. Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1987 and 1982

[Not published for this State]

Table 25. Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 1987 and 1982

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

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
IRISH POTATOES (CWT)										
State Total										
Hawaii	17	33	3 823	13	30	17	17	1 436	16	(D)
Counties										
Maui	12	29	3 105	12	(D)	16	(D)	(D)	15	(D)
All other counties	5	4	718	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
SWEETPOTATOES (BUSHELS)										
State Total										
Hawaii	44	228	35 739	38	215	78	188	28 780	54	157
Counties										
Hawaii	12	15	1 341	7	7	22	21	3 458	6	10
Honolulu	16	(D)	(D)	16	(D)	34	73	10 305	28	62
Kauai	3	(D)	(D)	3	(D)	9	16	2 545	7	14
Maui	13	174	30 053	12	169	13	77	12 472	13	72
SUGARCANE FOR SEED (TONS)										
State Total										
Hawaii	24	(D)	(D)	11	(D)	37	(D)	194 073	14	2 767
Counties										
Hawaii	13	2 504	63 774	1	(D)	24	2 369	71 173	1	(D)
Honolulu	3	(D)	(D)	3	(D)	3	(D)	(D)	3	(D)
Kauai	5	898	31 260	5	898	6	1 337	53 584	6	895
Maui	3	(D)	(D)	2	(D)	4	(D)	(D)	4	(D)
SUGARCANE FOR SUGAR (TONS)										
State Total										
Hawaii	79	79 234	7 934 181	17	49 121	188	89 696	8 950 242	17	50 283
Counties										
Hawaii	65	28 079	2 541 215	3	(D)	173	35 439	3 726 464	4	(D)
Honolulu	3	(D)	(D)	3	(D)	5	(D)	(D)	3	(D)
Kauai	6	18 522	1 915 877	6	13 964	6	20 869	1 867 588	6	15 869
Maui	5	(D)	(D)	5	(D)	4	(D)	(D)	4	(D)
SUGARCANE NOT HARVESTED										
State Total										
Hawaii	57	95 777	(X)	14	56 334	144	116 346	(X)	15	64 415
Counties										
Hawaii	44	37 823	(X)	1	(D)	131	50 655	(X)	2	(D)
Honolulu	3	(D)	(X)	3	(D)	3	(D)	(X)	3	(D)
Kauai	6	22 351	(X)	6	17 904	6	23 316	(X)	6	17 442
Maui	4	(D)	(X)	4	(D)	4	(D)	(X)	4	(D)

Table 26. **Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982**

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

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
HAY—ALFALFA, OTHER TAME, SMALL GRAIN, WILD, GRASS SILAGE, GREEN CHOP, ETC. (SEE TEXT) (TONS, DRY)										
State Total										
Hawaii	8	2 453	5 818	4	167	5	706	1 660	2	(D)
ALFALFA HAY (TONS, DRY)										
State Total										
Hawaii	3	149	725	3	149	(NA)	(NA)	(NA)	(NA)	(NA)

Table 27. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982**

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

Geographic area	1987				1982			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
LAND USED FOR VEGETABLES (SEE TEXT)								
State Total								
Hawaii	710	4 598	552	4 113	746	3 620	604	3 346
Counties								
Hawaii	221	1 151	106	809	210	1 249	113	1 045
Honolulu	250	1 171	227	1 073	274	927	246	884
Kauai	53	101	47	93	74	113	62	102
Maui	186	2 175	172	2 138	188	1 332	183	1 315
VEGETABLES HARVESTED (SEE TEXT)								
State Total								
Hawaii	710	5 587	552	5 045	746	4 673	604	4 373
Counties								
Hawaii	221	1 544	106	1 153	210	1 721	113	1 498
Honolulu	250	1 318	227	1 211	274	1 083	246	1 041
Kauai	53	103	47	96	74	122	62	109
Maui	186	2 622	172	2 586	188	1 747	183	1 725
SNAP BEANS								
State Total								
Hawaii	152	330	112	288	177	234	147	218
Counties								
Hawaii	52	49	22	17	52	35	30	21
Honolulu	57	81	49	71	67	68	63	67
Kauai	10	3	9	3	20	6	16	5
Maui	33	197	32	197	38	126	38	126
BROCCOLI								
State Total								
Hawaii	39	166	31	159	23	131	20	129
Counties								
Hawaii	18	54	12	50	10	82	8	82
Maui	13	87	13	87	8	40	8	40
All other counties	8	25	6	22	(NA)	(NA)	(NA)	(NA)

Table 27. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982**—Con.

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

Geographic area	1987				1982			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
CHINESE CABBAGE								
State Total								
Hawaii	44	312	40	294	47	413	40	406
Counties								
Hawaii	21	260	17	243	23	375	20	369
Honolulu	13	19	13	19	8	(D)	8	(D)
Maui	10	32	10	32	11	24	11	24
HEAD CABBAGE								
State Total								
Hawaii	62	646	52	604	73	768	65	753
Counties								
Hawaii	21	157	13	127	19	197	15	183
Maui	36	484	34	472	42	559	41	559
All other counties	5	5	5	5	(NA)	(NA)	(NA)	(NA)
MUSTARD CABBAGE								
State Total								
Hawaii	48	88	38	67	40	95	37	93
Counties								
Hawaii	10	16	5	14	8	9	6	8
Honolulu	28	69	24	51	23	81	23	81
Kauai	5	1	4	(Z)	(NA)	(NA)	(NA)	(NA)
Maui	5	2	5	2	7	(D)	7	(D)
CARROTS								
State Total								
Hawaii	16	20	11	16	20	32	15	26
Counties								
Maui	8	14	8	14	11	22	11	22
All other counties	8	6	3	2	(NA)	(NA)	(NA)	(NA)
CAULIFLOWER								
State Total								
Hawaii	13	63	8	58	9	55	8	54
Counties								
Hawaii	8	21	3	16	3	1	2	(D)
Maui	5	42	5	42	6	53	6	(D)
CELERY								
State Total								
Hawaii	15	99	14	99	12	113	12	113
Counties								
Hawaii	9	72	8	71	9	(D)	9	(D)
All other counties	6	27	6	27	(NA)	(NA)	(NA)	(NA)
CHINESE PEAS								
State Total								
Hawaii	33	15	26	(D)	49	30	41	23
Counties								
Hawaii	16	5	10	(D)	12	3	7	2
Honolulu	6	2	6	2	9	4	9	4
Kauai	6	1	5	1	5	1	3	1
Maui	5	7	5	7	23	23	22	17

Table 27. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982**—Con.

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

Geographic area	1987				1982			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
CUCUMBERS AND PICKLES								
State Total								
Hawaii	118	235	88	178	146	193	117	158
Counties								
Hawaii	51	88	27	56	51	57	27	26
Honolulu	47	83	42	62	54	80	50	78
Kauai	7	12	6	11	22	28	21	27
Maui	13	53	13	49	19	27	19	27
DAIKON								
State Total								
Hawaii	59	130	49	60	88	157	63	107
Counties								
Honolulu	36	53	33	51	53	82	42	74
Maui	13	(D)	13	7	13	(D)	13	(D)
All other counties	10	(D)	3	2	(NA)	(NA)	(NA)	(NA)
EGGPLANT								
State Total								
Hawaii	102	97	81	90	113	84	90	70
Counties								
Hawaii	31	17	16	11	26	17	12	7
Honolulu	46	60	41	58	56	37	47	33
Kauai	14	12	13	12	11	20	11	20
Maui	11	8	11	8	20	10	20	10
LETTUCE AND ROMAINE								
State Total								
Hawaii	86	693	75	645	95	867	84	846
Counties								
Hawaii	27	356	20	310	32	486	26	467
Honolulu	24	68	22	67	24	69	23	68
Kauai	7	2	6	1	9	3	6	2
Maui	28	268	27	267	30	310	29	309
DRY ONIONS								
State Total								
Hawaii	84	306	82	305	75	206	73	203
Counties								
Hawaii	7	5	5	(D)	7	3	6	3
Honolulu	6	9	6	9	3	(D)	3	(D)
Kauai	4	1	4	(D)	4	(D)	3	(D)
Maui	67	292	67	292	61	198	61	196
GREEN ONIONS								
State Total								
Hawaii	101	173	75	156	108	130	81	115
Counties								
Hawaii	20	16	5	8	20	11	6	3
Honolulu	52	125	44	118	58	96	47	91
Kauai	8	3	6	3	11	5	9	3
Maui	21	29	20	28	19	18	19	18

Table 27. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982**—Con.

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

Geographic area	1987				1982			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
OKRA								
State Total								
Hawaii	13	7	9	5	8	5	8	5
Counties								
Honolulu	8	5	8	(D)	5	4	5	4
All other counties	5	2	1	(D)	(NA)	(NA)	(NA)	(NA)
PARSLEY								
State Total								
Hawaii	45	79	38	71	32	54	30	48
Counties								
Hawaii	9	25	7	(D)	8	27	7	21
Honolulu	27	30	22	27	18	20	17	20
All other counties	9	24	9	(D)	(NA)	(NA)	(NA)	(NA)
SWEET PEPPERS								
State Total								
Hawaii	37	198	33	192	58	58	48	54
Counties								
Hawaii	12	10	9	(D)	18	10	11	7
Honolulu	11	10	10	5	12	11	9	10
Kauai	5	2	5	(D)	13	11	13	11
Maui	9	175	9	175	15	26	15	26
PUMPKINS								
State Total								
Hawaii	27	25	19	17	37	24	32	23
Counties								
Hawaii	7	3	1	(D)	5	(D)	2	(D)
Honolulu	16	18	14	13	23	12	21	12
All other counties	4	3	4	(D)	(NA)	(NA)	(NA)	(NA)
RADISHES								
State Total								
Hawaii	16	48	14	48	18	30	17	30
Counties								
Honolulu	6	28	6	28	12	(D)	11	(D)
Maui	5	(D)	5	(D)	(NA)	(NA)	(NA)	(NA)
All other counties	5	(D)	3	(D)	(NA)	(NA)	(NA)	(NA)
SPINACH								
State Total								
Hawaii	16	31	11	28	14	20	9	19
Counties								
Hawaii	7	14	3	(D)	7	12	3	(D)
Honolulu	5	8	4	(D)	4	(D)	3	(D)
All other counties	4	9	4	9	(NA)	(NA)	(NA)	(NA)
SQUASH								
State Total								
Hawaii	83	156	64	107	84	128	67	98
Counties								
Hawaii	24	59	10	19	20	(D)	8	(D)
Honolulu	30	27	27	21	42	42	38	40
Maui	29	70	27	68	20	44	19	38

Table 27. **Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982**—Con.

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

Geographic area	1987				1982			
	Harvested		Irrigated		Harvested		Irrigated	
	Farms	Acres	Farms	Acres	Farms	Acres	Farms	Acres
SWEET CORN								
State Total								
Hawaii	105	(D)	71	223	100	195	77	168
Counties								
Hawaii	44	(D)	14	19	33	38	17	18
Honolulu	32	163	30	159	37	126	34	125
Kauai	9	15	9	14	10	8	9	7
Maui	20	38	18	32	20	23	17	18
TOMATOES								
State Total								
Hawaii	89	331	74	319	110	220	99	209
Counties								
Hawaii	26	83	16	77	26	46	19	39
Honolulu	25	29	22	25	35	32	32	30
Kauai	9	24	9	24	9	4	8	3
Maui	29	196	27	193	40	137	40	137
WATERCRESS								
State Total								
Hawaii	21	37	19	37	22	48	20	46
WATERMELONS								
State Total								
Hawaii	40	692	36	682	52	173	49	171
Counties								
Hawaii	9	12	5	7	11	10	8	8
Honolulu	11	147	11	147	18	100	18	100
Kauai	5	10	5	10	8	13	8	13
Maui	15	524	15	518	15	49	15	49
OTHER VEGETABLES								
State Total								
Hawaii	184	319	142	270	127	205	96	182
Counties								
Hawaii	46	80	22	42	33	57	15	48
Honolulu	96	202	87	196	75	138	63	124
Kauai	12	9	8	8	7	3	6	3
Maui	30	27	25	25	12	7	12	7

Table 28. **Fruits and Nuts: 1987 and 1982**

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

Geographic area	Total			Trees or vines not of bearing age		Trees or vines of bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms	Pounds
LAND IN ORCHARDS									
State Total									
Hawaii 1987	2 128	33 564	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1982	1 825	23 178	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Counties, 1987									
Hawaii	1 625	28 094	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Honolulu	233	1 311	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Kauai	110	1 768	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Maui	160	2 391	(X)	(X)	(X)	(X)	(X)	(X)	(X)
AVOCADOS									
State Total									
Hawaii 1987	412	(D)	(D)	269	(D)	339	18 845	278	926 210
1982	421	558	24 356	261	12 260	368	12 096	282	711 760
Counties, 1987									
Hawaii	305	519	25 871	192	10 287	253	15 584	205	783 972
Honolulu	18	10	658	15	464	15	194	12	3 828
Kauai	21	(D)	(D)	14	(D)	14	547	12	12 074
Maui	68	82	3 441	48	921	57	2 520	49	126 336
BANANAS									
State Total									
Hawaii 1987	530	1 686	552 880	267	159 283	497	393 597	417	12 947 447
1982	533	1 104	476 800	363	151 284	492	325 516	405	5 563 365
Counties, 1987									
Hawaii	191	609	156 354	96	48 789	180	107 565	138	6 545 104
Honolulu	186	753	298 937	96	84 755	173	214 182	161	4 029 673
Kauai	68	199	65 605	23	11 425	61	54 180	49	2 066 030
Maui	85	125	31 984	52	14 314	83	17 670	69	306 640
COFFEE (PARCHMENT)									
State Total									
Hawaii 1987	754	2 391	1 164 464	259	293 375	716	871 089	582	1 747 974
1982	598	1 582	677 106	93	53 531	585	623 575	543	1 806 396
Counties, 1987									
Hawaii	744	2 245	977 708	252	107 829	710	869 879	577	1 744 049
Honolulu	3	(D)	1 380	2	(D)	2	(D)	2	(D)
Kauai	3	(D)	(D)	2	(D)	1	(D)	1	(D)
Maui	4	2	(D)	3	(D)	3	(D)	2	(D)
GUAVAS									
State Total									
Hawaii 1987	141	1 081	121 802	39	21 659	138	100 143	114	16 311 935
1982	174	938	145 360	66	32 159	145	113 201	88	5 674 642
Counties, 1987									
Hawaii	112	386	51 818	22	3 735	110	48 083	94	4 156 108
Honolulu	10	(D)	(D)	9	(D)	10	(D)	9	(D)
Kauai	5	(D)	(D)	2	(D)	5	(D)	3	(D)
Maui	14	23	2 528	6	1 128	13	1 400	8	(D)
MANGOES									
State Total									
Hawaii 1987	105	109	4 378	52	741	82	3 637	60	150 048
1982	100	94	5 610	41	535	84	5 075	45	151 060
Counties, 1987									
Hawaii	49	27	1 111	25	283	37	828	22	40 275
Honolulu	20	20	789	11	175	16	614	14	59 960
Kauai	14	8	280	8	108	9	172	7	845
Maui	22	54	2 198	8	175	20	2 023	17	48 968

Table 28. **Fruits and Nuts: 1987 and 1982**—Con.

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

Geographic area	Total			Trees or vines not of bearing age		Trees or vines of bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms	Pounds
PAPAYAS									
State Total									
Hawaii 1987	361	3 764	2 552 048	180	944 011	349	1 608 037	318	75 418 707
1982	343	2 701	1 342 476	220	514 944	316	827 532	276	50 258 158
Counties, 1987									
Hawaii	224	3 412	2 386 645	121	895 220	218	1 491 425	198	71 345 995
Honolulu	60	184	85 095	24	22 690	60	62 405	56	1 583 775
Kauai	39	148	74 035	14	24 585	35	49 450	32	2 300 329
Maui	38	20	6 273	21	1 516	36	4 757	32	188 608
PASSION FRUIT									
State Total									
Hawaii 1987	41	65	2 324	16	708	35	1 616	30	78 396
1982	51	193	23 650	22	(D)	42	(D)	30	284 451
Counties, 1987									
Hawaii	26	(D)	(D)	16	708	20	(D)	16	11 223
All other counties	15	(D)	(D)	-	-	15	(D)	14	67 173
PERSIMMONS									
State Total									
Hawaii 1987	15	32	1 731	7	554	12	1 177	11	148 970
1982	18	36	1 711	10	862	14	849	13	98 925
PLUMS AND PRUNES (SEE TEXT) (FRESH WEIGHT)									
State Total									
Hawaii 1987	13	10	275	5	26	11	249	6	190
1982	19	10	422	11	172	14	250	6	(D)
OTHER NONCITRUS FRUIT									
State Total									
Hawaii 1987	20	56	915	11	106	15	809	13	36 344
1982	51	125	5 394	27	2 004	40	3 390	23	68 512
Counties, 1987									
Hawaii	13	11	236	9	(D)	9	(D)	9	(D)
Honolulu	3	12	(D)	-	-	3	(D)	3	15 000
All other counties	4	33	(D)	2	(D)	3	215	1	(D)
ALL CITRUS FRUIT									
State Total									
Hawaii 1987	245	358	27 367	136	11 428	198	15 939	(X)	(X)
1982	215	241	17 648	131	8 833	173	8 815	(X)	(X)
Counties, 1987									
Hawaii	141	262	20 652	78	9 642	116	11 010	(X)	(X)
Honolulu	29	27	1 829	18	311	24	1 518	(X)	(X)
Kauai	28	26	2 246	12	494	21	1 752	(X)	(X)
Maui	47	43	2 640	28	981	37	1 659	(X)	(X)
LIMES									
State Total									
Hawaii 1987	129	112	11 203	72	5 486	101	5 717	84	228 435
1982	101	81	8 295	58	4 347	80	3 948	65	153 712
Counties, 1987									
Hawaii	71	71	7 672	43	4 974	53	2 698	41	146 190
Honolulu	17	15	810	10	(D)	12	(D)	10	(D)
Kauai	13	10	1 300	4	(D)	12	(D)	11	(D)
Maui	28	16	1 421	15	169	24	1 252	22	58 867

Table 28. **Fruits and Nuts: 1987 and 1982**—Con.

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

Geographic area	Total			Trees or vines not of bearing age		Trees or vines of bearing age		Harvested	
	Farms	Acres	Trees or vines	Farms	Number	Farms	Number	Farms	Pounds
ORANGES									
State Total									
Hawaii 1987	138	163	10 694	72	3 075	104	7 619	82	(D)
1982	134	77	4 797	75	1 184	101	3 613	65	125 325
Counties, 1987									
Hawaii	85	129	9 100	45	2 742	63	6 358	46	(D)
Honolulu	11	8	687	6	(D)	11	(D)	10	(D)
Kauai	18	10	425	7	54	13	371	11	15 923
Maui	24	16	482	14	(D)	17	(D)	15	19 995
OTHER TANGERINES									
State Total									
Hawaii 1987	109	57	3 206	50	845	91	2 361	65	106 682
1982	97	38	1 464	53	449	70	1 015	51	45 575
Counties, 1987									
Hawaii	73	43	2 325	32	455	62	1 870	40	83 253
Honolulu	12	4	240	7	29	12	211	11	14 756
Kauai	10	6	479	7	326	6	153	4	1 423
Maui	14	4	162	4	35	11	127	10	7 250
MACADAMIA NUTS (HUSKED, UNSHELLED)									
State Total									
Hawaii 1987	1 036	23 233	1 651 533	489	556 309	921	1 095 224	837	44 464 884
1982	879	15 472	1 058 296	497	392 359	727	665 937	672	35 594 548
Counties, 1987									
Hawaii	979	20 549	1 439 394	466	392 209	874	1 047 185	804	43 044 740
Honolulu	8	68	3 388	5	(D)	7	(D)	6	68 718
Kauai	23	(D)	(D)	9	(D)	16	2 373	13	(D)
Maui	26	(D)	(D)	9	(D)	24	(D)	14	(D)

Table 29. **Berries Harvested for Sale: 1987 and 1982**

[Not published for this State]

Table 30. **Nursery and Greenhouse Crops, Mushrooms, and Sod Grown for Sale: 1987 and 1982**

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

Geographic area	1987				1982			
	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)
NURSERY AND GREENHOUSE CROPS (SEE TEXT)								
State Total								
Hawaii	1 139	25 435 239	2 264	56 527	1 050	21 063 515	1 650	35 973
Counties								
Hawaii	535	17 827 108	1 200	(D)	533	15 832 900	921	18 149
Honolulu	341	5 881 041	479	(D)	337	3 858 388	375	12 170
Kauai	56	224 582	56	606	45	179 460	43	471
Maui	207	1 502 508	529	(D)	135	1 192 767	311	5 183

Table 30. **Nursery and Greenhouse Crops, Mushrooms, and Sod Grown for Sale: 1987 and 1982**—Con.

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

Geographic area	1987				1982			
	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)
NURSERY, FLORICULTURE, VEGETABLE AND FLOWER SEED CROPS, SOD, ETC., GROWN IN THE OPEN, IRRIGATED (SEE TEXT)								
State Total								
Hawaii	479	(X)	1 421	(X)	363	(X)	943	(X)
Counties								
Hawaii	163	(X)	597	(X)	136	(X)	346	(X)
Honolulu	154	(X)	380	(X)	128	(X)	279	(X)
Kauai	30	(X)	48	(X)	16	(X)	30	(X)
Maui	132	(X)	397	(X)	83	(X)	287	(X)
BEDDING PLANTS								
State Total								
Hawaii	38	(D)	16	(D)	25	42 980	(D)	247
Counties								
Hawaii	15	(D)	(D)	(D)	9	17 440	(D)	40
Honolulu	14	98 655	(D)	506	9	15 840	1	91
Kauai	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Maui	6	(D)	(D)	100	5	(D)	(Z)	(D)
CUT FLOWERS AND CUT FLORIST GREENS								
State Total								
Hawaii	700	16 002 986	1 299	26 447	586	10 863 917	823	14 751
Counties								
Hawaii	359	13 634 640	736	17 247	331	9 173 854	492	8 636
Honolulu	177	1 985 603	220	5 042	156	1 489 435	(D)	3 903
Kauai	30	152 182	20	212	21	67 736	(D)	88
Maui	134	230 561	323	3 946	78	132 892	194	2 125
FOLIAGE AND POTTED FLOWERING PLANTS, TOTAL								
State Total								
Hawaii	351	7 294 300	495	20 861	361	6 130 313	517	13 518
Counties								
Hawaii	141	2 672 764	314	6 716	135	3 202 201	281	4 910
Honolulu	136	3 478 299	119	11 026	169	1 921 333	169	6 224
Kauai	19	42 520	(D)	99	16	44 964	14	118
Maui	55	1 100 717	(D)	3 020	41	961 815	53	2 267
FOLIAGE PLANTS								
State Total								
Hawaii	191	4 880 244	449	12 621	(NA)	(NA)	(NA)	(NA)
Counties								
Hawaii	77	1 883 607	299	4 385	(NA)	(NA)	(NA)	(NA)
Honolulu	68	2 214 136	98	6 418	(NA)	(NA)	(NA)	(NA)
Kauai	9	23 300	8	55	(NA)	(NA)	(NA)	(NA)
Maui	37	759 201	44	1 762	(NA)	(NA)	(NA)	(NA)
POTTED FLOWERING PLANTS								
State Total								
Hawaii	201	2 414 056	46	8 240	(NA)	(NA)	(NA)	(NA)
Counties								
Hawaii	75	789 157	15	2 331	(NA)	(NA)	(NA)	(NA)
Honolulu	87	1 264 163	21	4 608	(NA)	(NA)	(NA)	(NA)
Kauai	12	19 220	(D)	44	(NA)	(NA)	(NA)	(NA)
Maui	27	341 516	(D)	1 258	(NA)	(NA)	(NA)	(NA)

Table 30. **Nursery and Greenhouse Crops, Mushrooms, and Sod Grown for Sale: 1987 and 1982**—Con.

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

Geographic area	1987				1982			
	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)
NURSERY CROPS								
State Total								
Hawaii	196	1 598 034	392	7 056	177	1 258 657	292	4 441
Counties								
Hawaii	87	1 182 128	151	3 225	86	799 957	137	1 873
Honolulu	59	256 384	104	2 436	57	383 780	70	1 720
Kauai	12	12 580	22	230	12	31 260	21	225
Maui	38	146 942	116	1 165	22	43 660	63	623
GREENHOUSE VEGETABLES								
State Total								
Hawaii	20	368 758	(X)	513	34	2 713 648	(X)	2 755
Counties								
Hawaii	13	310 246	(X)	265	26	2 633 448	(X)	2 664
Honolulu	4	38 500	(X)	(D)	(NA)	(NA)	(X)	(NA)
All other counties	3	20 012	(X)	(D)	(NA)	(NA)	(X)	(NA)

Table 31. **Other Crops: 1987 and 1982**

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

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
GINGER ROOT (POUNDS)										
State Total										
Hawaii	233	253	8 877 747	49	33	171	135	3 771 293	60	37
Counties										
Hawaii	214	244	8 761 791	35	28	121	121	3 577 064	23	25
Honolulu	14	(D)	74 206	10	3	29	10	155 289	23	8
All other counties	5	(D)	41 750	4	2	(NA)	(NA)	(NA)	(NA)	(NA)
LOTUS ROOT (POUNDS)										
State Total										
Hawaii	8	25	122 880	6	23	8	32	(D)	7	31
Counties										
Hawaii	3	2	10 000	3	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Honolulu	5	23	112 880	3	(D)	6	(D)	(D)	5	(D)
PINEAPPLES HARVESTED (TONS)										
State Total										
Hawaii	18	22 262	683 182	9	19 674	15	23 141	626 860	8	11 154
Counties										
Hawaii	4	6	56	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Honolulu	3	(D)	(D)	3	(D)	3	(D)	196 606	3	(D)
Kauai	3	3	70	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Maui	8	(D)	(D)	5	(D)	12	(D)	430 254	5	(D)

Table 31. **Other Crops: 1987 and 1982**—Con.

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

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
PINEAPPLES NOT HARVESTED										
State Total										
Hawaii	11	11 056	(X)	7	9 796	14	16 187	(X)	6	(D)
Counties										
Maui	6	8 344	(X)	4	8 194	11	(D)	(X)	5	(D)
All other counties	5	2 712	(X)	3	1 602	(NA)	(NA)	(X)	(NA)	(NA)
TARO (POUNDS)										
State Total										
Hawaii	187	413	6 619 249	114	343	218	417	6 360 054	139	338
Counties										
Hawaii	95	110	1 278 739	31	48	98	103	852 264	29	39
Honolulu	20	30	282 140	16	26	35	24	330 089	30	23
Kauai	51	212	4 687 392	51	212	63	222	3 840 532	61	214
Maui	21	62	370 978	16	57	22	69	1 337 169	19	62

Table 32. **Farms Operated by Black and Other Races by Value of Sales and Occupation: 1987 and 1982**

[For classification of social and ethnic groups, see text. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Land in farms		Harvested cropland		Market value of agricultural products sold ($1,000)	Farms by value of sales					
						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											
Hawaii 1987	3 157	483 327	2 689	37 510	210 648	289	509	1 146	465	441	307
1982	3 291	517 471	2 738	38 320	187 797	371	514	1 019	579	485	318
COUNTIES, 1987											
Hawaii	1 825	364 140	1 653	20 421	86 458	176	282	600	278	283	206
Honolulu	751	33 459	608	8 035	85 695	51	136	365	81	67	51
Kauai	225	41 591	150	5 650	18 588	26	33	64	46	39	17
Maui	356	44 137	278	3 404	19 907	36	58	117	60	52	33

Table 33. **Farms Operated by Black and Other Races by Tenure: 1987 and 1982**

[For classification of social and ethnic groups, see text. For meaning of abbreviations and symbols, see introductory text]

Geographic area	Full owners			Part owners			Tenants		
	Number	Land in farms	Harvested cropland	Number	Land in farms	Harvested cropland	Number	Land in farms	Harvested cropland
STATE TOTAL									
Hawaii 1987	1 604	54 349	10 931	464	343 292	18 101	1 089	85 686	8 478
1982	1 679	40 515	5 279	514	390 285	24 175	1 098	86 671	8 866
COUNTIES, 1987									
Hawaii	910	28 187	4 141	303	279 691	11 416	612	56 262	4 864
Honolulu	394	10 409	5 970	59	1 689	464	298	21 361	1 601
Kauai	100	1 977	168	32	37 061	5 137	93	2 553	345
Maui	200	13 776	652	70	24 851	1 084	86	5 510	1 668

Table 34. Operators by Selected Racial Groups: 1987 and 1982

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

Geographic area	All farms		Farms with sales of $10,000 or more[1]	
	Farms	Land in farms	Farms	Land in farms
BLACK				
State Total				
Hawaii 1987	7	(D)	1	(D)
1982	2	(D)	-	-
AMERICAN INDIAN				
State Total				
Hawaii 1987	1	(D)	1	(D)
1982	2	(D)	-	-
ASIAN OR PACIFIC ISLANDER				
State Total				
Hawaii 1987	3 094	475 032	1 427	430 679
1982	3 208	497 957	1 312	451 181
Counties, 1987				
Hawaii	1 795	356 126	797	338 348
Honolulu	729	33 354	402	(D)
Kauai	222	41 553	81	39 345
Maui	348	43 999	147	(D)
HAWAIIAN				
State Total				
Hawaii 1987	480	266 165	141	243 881
1982	416	105 107	109	80 141
Counties, 1987				
Hawaii	272	243 667	76	233 344
Honolulu	62	10 005	22	3 500
Kauai	41	2 567	14	1 878
Maui	105	9 926	29	5 159
JAPANESE				
State Total				
Hawaii 1987	2 039	132 124	996	122 542
1982	2 252	332 964	988	316 264
Counties, 1987				
Hawaii	1 186	63 524	539	58 343
Honolulu	494	6 368	289	4 121
Kauai	151	38 482	57	37 180
Maui	208	23 750	111	22 898
CHINESE				
State Total				
Hawaii 1987	174	29 271	89	18 515
1982	154	12 786	78	9 350
Counties, 1987				
Hawaii	44	3 422	15	2 304
Honolulu	104	15 640	69	15 505
Kauai	9	312	2	(D)
Maui	17	9 897	3	(D)
FILIPINO				
State Total				
Hawaii 1987	374	47 278	187	45 632
1982	371	47 000	133	45 395
Counties, 1987				
Hawaii	273	45 360	154	44 252
Honolulu	62	1 300	21	1 219
Kauai	21	192	8	143
Maui	18	426	4	18

See footnotes at end of table.

Table 34. **Operators by Selected Racial Groups: 1987 and 1982**—Con.

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

Geographic area	All farms		Farms with sales of $10,000 or more[1]	
	Farms	Land in farms	Farms	Land in farms
KOREAN				
State Total				
Hawaii 1987	27	194	14	109
1982	15	100	4	31
Counties, 1987				
Hawaii	20	153	13	(D)
Honolulu	7	41	1	(D)
OTHER RACES (SEE TEXT)				
State Total				
Hawaii 1987	55	8 248	24	(D)
1982	79	19 485	25	17 147
Counties, 1987				
Hawaii	26	(D)	9	7 698
Honolulu	19	(D)	12	(D)
Kauai	3	38	-	-
Maui	7	(D)	3	(D)

[1]Data for 1982 exclude abnormal farms.

Table 35. **Operators of Spanish Origin: 1987 and 1982**

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

Geographic area	All farms		Farms with sales of $10,000 or more[1]	
	Farms	Land in farms	Farms	Land in farms
STATE TOTAL				
Hawaii 1987	110	21 738	38	18 498
1982	125	8 302	28	6 669
COUNTIES, 1987				
Hawaii	71	16 811	25	15 795
Honolulu	17	3 146	5	1 446
Kauai	14	924	5	546
Maui	8	857	3	711

[1]Data for 1982 exclude abnormal farms.

Table 36. **Farms With Grazing Permits: 1987**

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

Geographic area	Land in farms		Farms by land in farms						Source of permits			
	Farms	Acres	Less than 100 acres	100 to 259 acres	260 to 499 acres	500 to 999 acres	1,000 to 1,999 acres	2,000 acres or more	Forest service	Taylor grazing	Indian land	Other
Hawaii	**5**	**204 180**	**4**	**-**	**-**	**-**	**-**	**1**	**-**	**1**	**-**	**4**

APPENDIX A.
General Explanation

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DATA COLLECTION

Method of Enumeration

All agriculture censuses beginning with the 1969 census primarily have used mailout/mailback data collection. Direct enumeration methods, however, continue to be used for the agriculture census in Puerto Rico, Guam, the U.S. Virgin Islands, American Samoa, and the Commonwealth of the Northern Mariana Islands.

Mail List

The mail list for the 1987 census was comprised of individuals, businesses, and organizations that could be readily identified as being associated with agriculture. The list was assembled from the records of the 1982 census, administrative records of the Internal Revenue Service (IRS), and the statistical records of the U.S. Department of Agriculture (USDA). In addition, lists of large or specialized operations, such as nurseries and greenhouses, specialty crop farms, poultry farms, fish farms, livestock farms, and cattle feedlot operations, were obtained from State and Federal agencies, trade associations, and similar organizations. Lists of companies having one or more establishments (or locations) producing agricultural products were obtained from the 1982 census and updated using the information from the Standard Statistical Establishment List maintained by the Census Bureau. Exhaustive record linkage, unduplication, and mathematical modeling yielded a final mail list of 4.1 million names and addresses that had a substantial probability of being a farm operation.

Report Forms

In 1987, three different report forms were used—a two-page, a four-page, and a six-page form to minimize the reporting burden, particularly for small farms and places less likely to be farms. The six-page sample form and the four-page nonsample form are the same, except sections 23 through 28 have been added to the sample form to obtain supplemental information from a sample of farms. The information collected in these sections will give the Bureau of the Census a good basis for making estimates of these data for other farms included in the census. The two-page form does not have as many questions or as much detail as the four-page and six-page forms. The four-page form has 11 regional versions and the six-page form has 13 regional versions. Both forms have different crops prelisted. Appendix D contains copies of both the two-page and six-page forms.

The six-page form was mailed to 1,104,000 addressees on the mail list, including all those expected to be large (based on expected sales or acreage) or unique (farms operated by multiestablishment companies or nonprofit organizations), all those in Alaska and Hawaii, and a sample of other addressees. The two-page form was mailed to 906,000 addressees. These were expected to be small farms or less likely to be farms. The four-page form was mailed to the remaining 2,079,000 addressees. Further discussion of the criteria used to determine which form was mailed to an addressee is provided in the Census Sample Design section of appendix C.

Initial Mailing

The report forms were mailed in mid-December 1987 to the approximately 4,089,000 individuals, businesses, and organizations on the mail list. The mail packages included a report form, a cover letter with a description of the purposes and uses of the census on the reverse side, an information sheet containing instructions for completing the form, and a postage-paid return envelope. Additional special instructions were included with report forms sent to grazing associations; feedlot operations; institutional organizations; Indian reservations; firms with multiple farm or ranch operations; and producers of poultry under contract, bees and honey, fish, laboratory animals, and nursery and greenhouse crops.

To provide additional help to farmers in completing their reports, copies of an Agriculture Census Guide booklet were sent to vocational agriculture instructors, USDA county offices of the Agriculture Stabilization and Conservation Service, and the Cooperative Extension Service. The Guide contained descriptions and definitions of various items in more detail than the instructions included with each report form. Representatives of the above agencies graciously consented to assist farmers in completing their report forms.

Followup Procedures

A thank you/reminder card was mailed to those on the mail list in mid-January 1988. Five followup letters, three of which were accompanied by a report form, were sent to nonrespondents at 4-week intervals starting in mid-February and continuing until early June 1988.

Telephone calls were made to all large farms who had not responded. In addition, telephone calls were made to a sample of other nonrespondents in counties that had a response rate of less than 75 percent. A nonresponse adjustment procedure was used to represent the final nonrespondent farms in the census results. A description of this procedure is included in the Census Estimation section of appendix C.

DATA PROCESSING

Selected report forms were reviewed prior to keying the data. These included reports with attached correspondence and reports with remarks or no positive data on the front page.

The data from each report form were subjected to a detailed item-by-item computer edit. The edit performed comprehensive checks for consistency and reasonableness, corrected erroneous or inconsistent data, supplied missing data based on similar farms within the same county, and assigned farm classification codes necessary for tabulating the data. Substantial computer-generated changes to the data were clerically reviewed and verified.

In the computer edit, farms with sales, acreage, or commodities exceeding specified levels were tested for historical comparability. Key items, such as acreage and sales, were compared for substantial changes between 1982 and 1987. Sizeable historical differences were resolved or verified by telephone, if necessary. Respondents who reported sales or acreage above specified levels on nonsample forms were sent correspondence requesting the additional sample data. Prior to publication, tabulated totals were reviewed by statisticians to identify inconsistencies and potential coverage problems. Comparisons were made with previous census data, estimates published by the USDA, and other available data.

MAJOR DATA CHANGES

Prior to each agriculture census, the Census Bureau reviews the content of the census forms to eliminate questions no longer needed and to identify new items necessary to meet user needs and to better describe the agricultural situation in our Nation. Data requests are solicited from farmers, farm organizations, land grant colleges and universities, State and federal agencies, and members of the Census Advisory Committee on Agricultural Statistics. Each agency and organization is asked to identify and justify its specific data needs. The following data inquiries were added to the 1987 report form:

- Income from farm-related sources
- Acres under the Conservation Reserve Program
- Payments received for participation in federal farm programs
- Grazing permits by source

Additional data on production expenses were added in 1987:

- Repair and maintenance expenses
- Cash rent
- Property taxes paid
- All other production expenses

The following separate data inquiries were eliminated from the 1987 form:

- Storage capacity for petroleum products
- Number of hired farm and ranch workers
- Value of agricultural products sold directly to individuals for human consumption
- Source of irrigation water
- Tons of commercially mixed feed
- Expenditures for coal, wood, and coke
- Selected machinery items: automobiles, corn heads for combines, and field forage harvesters
- Chinchillas
- Worms
- Tropical and baitfish

FOLLOW-ON SURVEYS, SPECIAL CENSUSES, AND RELATED PUBLICATIONS

In addition to the 1987 Census of Agriculture for the 50 States, Puerto Rico, Guam, the U.S. Virgin Islands, American Samoa, and the Commonwealth of the Northern Mariana Islands, the census of agriculture program includes the 1988 Farm and Ranch Irrigation Survey, the 1988 Agricultural Economics and Land Ownership Survey, and the 1988 Census of Horticultural Specialties.

The 1988 Farm and Ranch Irrigation Survey provides data on water use by irrigated farms and ranches. Data include: the amount of water applied by crop, method of water distribution, source of water, and energy costs for pumping water. Data from this survey will be published as volume 3, part 1.

The 1988 Agricultural Economics and Land Ownership Survey provides detailed data on debts, expenses, taxes, credits, assets, land ownership, and farm and off-farm income for farm operators. Many of these items, as well as detailed data on landlord characteristics, are being collected from the landlords of the farms involved in the survey. Data from this survey will be published as volume 3, part 2.

The 1988 Census of Horticultural Specialties covers operations growing and selling $2,000 or more of horticultural products such as greenhouse products, outdoor-grown floricultural products, nursery products, mushrooms, and sod. These data will be published as volume 4.

Additional publications of the 1987 Census of Agriculture data include the Agricultural Atlas of the United States (previously called the Graphic Summary), Coverage Evaluation, Ranking of States and Counties, and Government Payments and Market Value of Agricultural Products Sold.

The Agricultural Atlas of the United States presents the Nation's agriculture graphically illustrated by dot and multicolor pattern maps. The maps provide displays on size and type of farm, land use, farm tenure, market value of products sold, crops harvested, livestock inventories, and other characteristics of farms. This report will be published as volume 2, part 1.

The Coverage Evaluation report provides estimates of the completeness of the 1987 Census of Agriculture for the United States, geographic regions, and selected States and groups of States. Estimates with their associated sample reliability are provided for farms not on the mail list, farms classified as nonfarms, duplicate farms, and nonfarms classified as farms. This report will be published as volume 2, part 2.

The Ranking of States and Counties report ranks the leading States and counties for selected items in the 1987 census and provides comparative data from the 1982 census. This report will be published as volume 2, part 3.

A new publication on Government Payments and Market Value of Agricultural Products Sold presents 1987 data for the United States and each State. The U.S. table has a format similar to volume 1, U.S. table 52 and presents summary data by size of farm. This report will be published as volume 2, part 5.

DEFINITIONS AND EXPLANATIONS

The following definitions and explanations provide a more detailed description of the terms used in this publication than are available in the tables or on the report form. For an exact wording of the questions on the 1987 census report forms and the information sheet which accompanied these forms, see appendix D. Most definitions of terms are the same as those used in earlier censuses. The more important exceptions are also noted here.

Farms or farms reporting—The term "farms" or "farms reporting" in the presentation of data denotes the number of farms reporting the item. For example, if there are 3,710 farms in a State and 842 of them had 28,594 cattle and calves, the data for those farms reporting cattle and calves would appear as:

Cattle and calves- - - - - - - -	farms- -	842
	number- -	28,594

Land in farms—The acreage designated in the tables as "land in farms" consists primarily of agricultural land used for crops, pasture, or grazing. It also includes woodland and wasteland not actually under cultivation or used for pasture or grazing, provided it was part of the farm operator's total operations. Large acreages of woodland or wasteland held for nonagricultural purposes were deleted from individual reports during the processing operations. Land in farms includes acres set aside under annual commodity acreage programs as well as acres in the Conservation Reserve Program for places meeting the farm definition.

Land in farms is an operating unit concept and includes land owned and operated as well as land rented from others. Land used rent free was to be reported as land rented from others. All grazing land, except land used under government permits on a per-head basis, was included as "land in farms" provided it was part of a farm or ranch. Land under the exclusive use of a grazing association was to be reported by the grazing association and included as land in farms. All land in Indian reservations used for growing crops or grazing livestock was to be included as land in farms. Land in reservations not reported by individual Indians or non-Indians was to be reported in the name of the cooperative group that used the land. In some instances, an entire Indian reservation was reported as one farm.

Land area—The approximate land area of counties and States represents the total land area as determined by records and calculations as of January 1, 1988. These data are updated periodically; however, the acreages shown for 1987 are essentially the same as for 1982. Any differences between the land area for 1987 and 1982 are due to annexations and other changes affecting county boundaries.

Land in two or more counties—With few exceptions, the land in each farm was tabulated as being in the operator's principal county. The principal county was defined as the one where the largest value of agricultural products was raised or produced. It was usually the county containing all or the largest proportion of the land in the farm or viewed by the respondent as his/her principal county. For a limited number of Midwest and Western States, this procedure has resulted in the allocation of more land in farms to a county than the total land area of the county. To minimize this distortion, separate reports were required for large farms identified from the 1982 census as having more than one farm unit. Other reports received showing land in more than one county were separated into two or more reports if the data would substantially affect the county totals.

Value of land and buildings—Respondents were asked to report their estimate of the current market value of land and buildings owned, rented or leased from others, and rented or leased to others. Market value refers to the value the land and buildings would sell for under current market conditions. If the value of land and buildings was not reported, it was estimated using the average value of land and buildings from a similar farm in the same geographic area.

Harvested cropland—This category includes land from which crops were harvested or hay was cut, and land in orchards, citrus groves, vineyards, nurseries, and greenhouses. Land from which two or more crops were harvested was counted only once, even though there was more than one use of the land.

Cropland used only for pasture or grazing—This category includes land used only for pasture or grazing that could have been used for crops without additional improvement. Included also was all cropland used for rotation pasture and land in government diversion programs that were pastured. However, cropland that was pastured before or after crops were harvested was to be included as harvested cropland rather than cropland for pasture or grazing.

Other cropland—This category includes cropland not harvested and not grazed which was used for cover crops, soil improvement crops, land on which all crops failed, cultivated summer fallow, idle cropland, and land planted in crops that were to be harvested after the census year.

Total woodland—This category includes natural or planted woodlots or timber tracts, cutover and deforested land with young growth which has or will have value for wood products, land planted for Christmas tree production, and woodland pastured. Land covered by sagebrush or mesquite was to be reported as other pastureland and rangeland or other land.

Woodland pastured—This category includes all woodland used for pasture or grazing during the census year. Woodland or forest land pastured under a per-head grazing permit was not counted as land in farms and therefore, was not included in woodland pastured.

Cropland in annual commodity acreage adjustment programs—This category includes land diverted or set aside under the provisions of the Federal Commodity Acreage Program. These data are for the acres of cropland taken out of production by growers of wheat, cotton, rice, corn, sorghum, barley, and oats, and devoted to conservation uses. Information was not obtained as to which crops would have been grown on the acres set aside.

Cropland in the Conservation Reserve Program (CRP)—This category includes acres of "highly erodible" cropland taken out of agricultural production and planted to protective cover crops or reforested. The CRP was established through the 1985 Food Security Act and provides for annual rental payments and shared costs of conservation practices through a 10-year contract with the USDA. Appendix B presents data on places with all their cropland enrolled in the Conservation Reserve Program and which were not counted as farms in the 1987 census.

Irrigated land—This category includes all land watered by any artificial or controlled means, such as sprinklers, furrows or ditches, and spreader dikes. Included are supplemental, partial, and preplant irrigation. Each acre was to be counted only once regardless of the number of times it was irrigated or harvested.

Operator—The term "operator" designates a person who operates a farm, either doing the work or making day-to-day decisions about such things as planting, harvesting, feeding, and marketing. The operator may be the owner, a member of the owner's household, a hired manager, a tenant, a renter, or a sharecropper. If a person rents land to others or has land worked on shares by others, he/she is considered the operator only of the land which is retained for his/her own operation. For partnerships, only one partner is counted as the operator. If it is not clear which partner is in charge, then the senior or oldest active partner is considered the operator. For census purposes, the number of operators is the same as the number of farms. In some cases, the operator was not the individual named on the address label of the report form, but another family member, a partner, or a hired manager who was actually in charge of the farm operation.

Operator characteristics—All operators were asked to report place of residence, principal occupation, days of off-farm work, year in which his/her operation of the farm began, age, race, sex, and Spanish origin. If race, age, sex, and principal occupation were not reported, they were imputed based on information reported by farms with similar acreage, tenure, and value of sales. No imputations were made for nonresponse to place of residence, Spanish origin, off-farm work, or year began operation. Operators of Spanish origin were tabulated by reported race.

Farm production expenses—In 1987, additional specific expense items and a category for all other farm production expenses were added to the selected farm production expenses collected in 1982. Consequently, we are publishing total farm production expenses in 1987. The expenses are limited to those incurred in the operation of the farm business. Expenses include the share of the expenditures provided by landlords, contractors, and partners in the operation of the farm business. Property taxes paid by landlords are excluded. Expenditures for nonfarm activities; farm-related activities such as providing custom-work for others, the production and harvest of forest products, and recreational services; and household expenses are excluded. In 1987, as in other recent censuses, operators producing crops, livestock, or poultry under contract often were unable or unwilling to estimate the cost of production inputs furnished by the contractors. As a consequence, extensive estimation was required for contract producers.

Commercial fertilizer—The expense for commercial fertilizer is the amount spent on fertilizer during 1987

including the cost of custom application. The cost of custom application was excluded from the 1982 and 1978 data.

Agricultural chemicals—These expenses include the cost of all insecticides, herbicides, fungicides, and other pesticides, including the cost of custom application. Data exclude commercial fertilizer purchased. The cost of custom application was excluded from the 1982 and 1978 data. The cost of lime was excluded from the 1987 and 1982 data, but included in 1978.

Customwork, machine hire, and rental of machinery and equipment—These expenses include costs incurred for having customwork done on the place and for renting machines to perform agricultural operations. The cost of cotton ginning is excluded. The cost of labor involved in the customwork service is included in the customwork expense. The cost of custom application of fertilizer and chemicals was included in the 1982 and 1978 customwork data, but is included in expenditures for these items in 1987. The cost of hired labor for operating rented or hired machinery is included as a hired farm and ranch labor expense.

Interest—In 1987, separate data were collected for interest paid on debts secured by real estate and interest paid on debts not secured by real estate. In 1982, only total interest expenses were collected.

Market value of agricultural products sold—This category represents the gross market value before taxes and production expenses of all agricultural products sold or removed from the place in 1987 regardless of who received the payment. It includes sales by the operator as well as the value of any shares received by partners, landlords, contractors, or others associated with the operation. In addition, it includes receipts from placing commodities in the Commodity Credit Corporation (CCC) loan program in 1987. It does not include payments received for participation in federal farm programs nor does it include income from farm-related sources such as customwork and other agricultural services, or income from nonfarm sources.

The value of crops sold in 1987 does not necessarily represent the sales from crops harvested in 1987. Data may include sales from crops produced in earlier years and exclude some crops produced in 1987, but held in storage and not sold. For commodities, such as sugar beets and wool, sold through a co-op which made payments in several installments, respondents were requested to report the total value received in 1987.

The value of agricultural products sold was requested of all operators. If the operator failed to report this information, estimates were made based on the amount of crops harvested, livestock or poultry inventory or number sold. Extensive estimation was required for operators growing crops or livestock under contract.

Caution should be used when comparing sales in 1987 with sales reported in earlier censuses. Sales figures are expressed in current dollars and have not been adjusted for inflation or deflation.

Government payments—This category is limited to direct cash or generic commodity certificate (PIK) payments received by the farm operator in 1987. It includes deficiency and diversion payments; wool payments; payments from the Dairy Termination Program, the Conservation Reserve Program, other conservation programs, and all other federal farm programs under which payments were made directly to farm operators.

Other farm-related income—The 1987 report form included a new inquiry on income from farm-related sources. These data consist of gross income in 1987 before taxes and expenses from the sales of farm by-products and other sales and services closely related to the principal functions of the farm business. These data are for income producing activities that are primarily a by-product or supplemental to the farm operation. They exclude income from business activities that are separate from the farm business.

Customwork and other agricultural services—This income includes gross receipts received by farm operators for providing services for others such as planting, plowing, spraying, and harvesting. Income from customwork and other agricultural services is generally included in the agriculture census if it is closely related to the farming operation. However, it is excluded if it constitutes a separate business or is conducted from another location.

Rental of farmland—This income includes gross cash rent or share payments received from renting out farmland; payments received from the lease or sale of allotments for crops such as tobacco; and payments received for livestock pastured on a per-head, per-month, or per-pound basis. It excludes rental income from nonfarm property.

Sales of forest products—This income includes gross receipts from the sales of Christmas trees, standing timber, maple products, gum for naval stores, firewood, and other forest products from the farm business. It excludes income from nonfarm timber tracts and sawmill businesses.

Other farm-related income sources—This income includes gross receipts from hunting leases, fishing fees, camping, other recreational services, patronage dividends of cooperatives, sales of farm by-products, and other sales and services closely related to the farm business. It excludes income from nonfarm businesses.

Commodity Credit Corporations loans—This category includes loans for corn, wheat, soybeans, sorghum, barley, oats, cotton, peanuts, rye, rice, tobacco, and honey.

Agricultural chemicals used, including fertilizer and lime—For each type of agricultural chemical, the acres treated were to be reported only once even if the acres were fertilized or limed more than once. If multipurpose chemicals were used, the acres treated for each purpose were to be reported.

Fish and other aquacultural products—The raising of fish and other aquacultural products in captivity is included in the agriculture census. Production in salt water is considered not to be in captivity and is excluded from the census.

Bees and honey—Bee and honey production was enumerated and tabulated in the county in which the home farm was located even though hives are often moved from farm to farm over a wide geographic area.

Citrus enumeration—In the 1987 census, reports for selected citrus caretakers in Arizona, Florida, and Texas were obtained by direct enumeration. A citrus caretaker is an organization or person caring for or managing citrus groves for others. This special enumeration has been used in recent censuses because of the difficulty in identifying and enumerating absentee grove owners who often do not know the information that is needed to adequately complete the census report. Each citrus caretaker was enumerated as a farm operator and requested to complete one report form for all groves cared for and to furnish a list of grove owners' names, addresses, and acres of citrus. The names on the lists were matched to completed grove owners' report forms to eliminate duplication. The caretaker also was requested to inform the grove owner that he had already reported for the citrus under his care and that the grove owner was not to report the citrus again. In the 1987 census, 7 caretakers in Arizona reported 175 grove owners having 12,000 acres of citrus; the 65 caretakers in Florida reported 3,000 grove owners having 170,000 acres of citrus; and 20 caretakers in Texas reported 800 grove owners having 14,500 acres of citrus.

Crop year or season covered—Acres and quantity harvested are for the calendar year 1987 except for citrus fruits, avocados, olives; vegetables in Florida; sugarcane in Florida and Texas; and pineapples and coffee in Hawaii.

Citrus fruits—The data for Florida relate to the quantity harvested in the September 1986 through July 1987 harvest season, except limes that were harvested in the April 1987 through March 1988 harvest season. The data for Texas relate to the quantity harvested in the September 1986 through May 1987 harvest season. The data for States, other than Florida and Texas, relate to the quantity harvested in the 1986-87 harvest season.

Avocados—The data for California relate to the quantity harvested in the November 1986 through November 1987 harvest season and for Florida the April 1987 through March 1988 harvest season.

Olives—The data for California relate to the quantity harvested in the September 1986 through March 1987 harvest season.

Vegetables—The data for Florida relate to the crop harvested in the September 1986 through August 1987 harvest season.

Sugarcane for sugar—The data for Florida relate to the cuttings from November 1986 through April 1987, and for Texas the cuttings from October 1986 through April 1987.

Pineapples—The data for Hawaii relate to the quantity harvested in the year ending May 31, 1987.

Coffee—The data for Hawaii relate to the 1986-87 crop.

Acres and quantity harvested—Crops were reported in whole acres, except for the following crops which were reported in 10ths of acres: Irish potatoes, sweetpotatoes, tobacco, fruit and nut crops including land in orchards, berries, vegetables, and nursery and greenhouse crops; and in Hawaii, taro, ginger root, and lotus root. Totals for crops reported in 10ths of acres were rounded to whole acres at the aggregate level during the tabulation process.

If two or more crops were harvested from the same land during the year, the acres would be counted for each crop. Therefore, the total acres of all crops harvested generally exceeds the acres of cropland harvested. An exception to this procedure is hay crops. When more than one cutting of hay was taken from the same acres, the acres are counted only once but the quantity harvested includes all cuttings. However, hay cut for both dry hay and green chop or silage would be reported for each applicable crop. For interplanted crops or "skip-row" crops, acres were to be reported according to the portion of the field occupied by each crop.

If a crop was planted but not harvested, the acres were not to be reported as harvested. These acres were to be reported in the "land use" section under the appropriate cropland items—cropland used only for pasture or grazing, cropland used for cover crops, cropland on which all crops failed, or cropland idle.

Corn and sorghum hogged or grazed were to be reported as "cropland harvested" and not as "cropland used only for pasture or grazing." Crop residue left in fields and later hogged or grazed was not reported as cropland pasture.

Quantity harvested was not obtained for crops such as vegetables; nursery and greenhouse crops; corn cut for dry fodder, hogged or grazed; and sorghum, hogged or grazed.

Acres of land in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees were to be reported as harvested cropland regardless of whether the crop was harvested or failed. However, abandoned orchards were to be reported as cropland idle, not as harvested cropland and the individual abandoned orchard crop acres were not to be reported.

Land in orchards—This category includes land in bearing and nonbearing fruit trees, citrus or other groves, vineyards, and nut trees of all ages, including land on which all fruit crops failed. Respondents were instructed not to report abandoned plantings and plantings of less than 20 total fruit, citrus, or nut trees, or grapevines.

Crop units of measure—The regional report forms allowed the operator to report the quantity of field crops harvested in a unit of measure commonly used in the region. When the operator reported in a unit of measure different than the unit of measure published, the quantity harvested was converted to the published unit of measure.

Grapes could be reported in dry weight or fresh weight; plums and prunes in fresh weight, or prunes in dry weight; and in Hawaii, coffee in pounds parchment or pounds cherry, and macadamia nuts in pounds husked, unshelled or pounds shelled. For other fruit and nut crops and citrus, the operator was given a choice of units of measure of pounds, tons, or boxes. The quantity harvested for these crops is published in pounds.

Write-in crops—To reduce the length of the report form, only the major crops for the region were prelisted. For other crops, the respondent was requested to look at a list of crops in each section and write in the crop name and its code. For crops that had no individual code listed on the report form, the respondent was to write in the crop name and code the crop into the appropriate "all other" category for that section. Write-in crops coded as "all other" were reviewed and assigned a specific code when possible. Crops not assigned a specific code were left in the appropriate "all other" category.

In some cases, the reviewers were unable to determine the specific crop reported by the respondent because of incomplete or generalized crop names. To ensure proper coding, most of these respondents were telephoned. Reports for those not telephoned were changed on the basis of other reports for the area.

Misreported or miscoded crops—In a few instances, tabulated data may be inaccurate because respondents misunderstood or misinterpreted questions on the report form. Data may have been reported on the wrong line or in the wrong section, or the wrong crop code may have been placed beside the name of a write-in crop. Some of these errors as well as some keying errors may not have been identified during processing and therefore, were not corrected. Reports with significant acres of unusual crops for the area were examined to minimize the possibility that they were in error.

"See text" References

Items in the tables which carry the note "See text" are explained or defined in this section.

Data are based on a sample of farms—For 1987, 1982, and 1978, selected data were collected from only a sample of farms. These data are subject to sampling error. For 1987, the six-page sample form was mailed to all large and specialized farms (based on expected sales, acres, or standard industrial classification), all farms in Alaska and Hawaii, and approximately 17 percent of all other farms. Sample sections 23 through 28 of the 1987 census forms included inquiries on production expenses, commercial fertilizer and lime, chemicals, machinery and equipment, value of land and buildings, and income from farm-related sources. Estimates of the reliability of county totals for selected items are shown in table F of appendix C.

Operators of Spanish origin—No imputation was made for those not responding to the question on Spanish origin.

Farms operated by Black and other races—This category includes Blacks, American Indians, Asian and Pacific Islanders, and all other racial groups other than White.

All other races—This category is primarily limited to persons native to or of ancestry from Mexico, the Caribbean, and Central and South America.

Total sales—This item represents the gross market value of all agricultural products sold before taxes and expenses in the census year including livestock, poultry, and their products; and crops, including nursery crops and hay. Respondents were asked to include landlords' and contractors' shares. The value of commodities placed in CCC loans are included as sold. In 1987, all farms including abnormal farms were tabulated by size based on reported sales. In 1982 and 1978, abnormal farms were included in the total sales figure, but excluded from the detailed size breakdowns. Abnormal farms include institutional farms, experimental and research farms, and Indian reservations.

Farms with sales of less than $1,000—This category includes all farms with actual sales of less than $1,000, but having the production potential for sales of $1,000 or more. These farms normally could be expected to sell $1,000 or more of agricultural products.

Net cash return from agricultural sales for the farm unit—This category is derived by subtracting total operating expenditures from the gross market value of agricultural products sold. Depreciation and the change in inventory values are excluded from expenditures. Production expenditures may be understated on part owner and tenant farms because property taxes paid by landlords are excluded. Other landlord expenditures, such as insurance or rent paid, which are not readily known to renters may also be omitted or understated. Gross sales include sales by the operator as well as the share of sales received by

partners, landlords, and contractors. Consequently, the net cash return is that of the farm unit rather than the net farm income of the operator.

Other livestock and livestock products—This category includes all livestock and livestock products not listed separately.

Value of livestock and poultry on farms—Data for the value of livestock and poultry on farms were obtained by multiplying the inventory of each major age and sex group by State average prices. The State average prices for cattle, hogs, sheep, Angora goats, hens and pullets of laying age, and turkeys were obtained primarily from data published by the National Agricultural Statistics Service, USDA. Prices applied to other livestock and poultry were census-derived averages based primarily on reported value of sales in the census.

Poultry hatched—This category includes all poultry hatched on the place during the year and placed or sold. Incubator egg capacity on December 31, 1987, is tabulated under the column heading "Inventory" and the number of poultry hatched and placed or sold is under the heading "Sales."

Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc.—Data shown for hay represent all hay crops, including grass silage, haylage, and hay crops cut and fed green (green chop). In production data, dry tons represent dry tonnage for the various hay categories and dry weight equivalents for grass silage and hay cut and fed green. The conversion used was 3 tons of green weight to 1 ton of dry weight.

Tame hay other than alfalfa, small grain, and wild hay—Data shown represent dry tons of hay harvested from clover, lespedeza, timothy, Bermuda grass, Sudan grass, and other types of legume and tame grasses.

Grapes—Farm operators were given the option of reporting the quantity of grapes harvested in dry weight or fresh weight. For publication purposes, all quantities of grapes harvested have been converted to pounds of fresh weight. The conversion used was 4 pounds fresh weight to 1 pound dry weight.

Plums and prunes—Farm operators were given the option of reporting the quantity of plums and prunes harvested in dry weight or fresh weight. For publication purposes, all quantities of plums and prunes harvested have been converted to pounds of fresh weight. The conversion used was 3 pounds fresh weight to 1 pound dry weight.

Cherries—For 1987, cherries were reported as "sweet cherries," "tart cherries," or "cherries" depending on the regional form the respondent completed. On regional forms for States where cherries are an important fruit crop, "sweet cherries" and "tart cherries" were listed separately. On the other regional forms, either "cherries" were listed or could be written in. For publication purposes, "cherries, total" could be shown along with the individual breakdown of "sweet cherries," "tart cherries," or "cherries, not specified." "Cherries, not specified" is used to account for cherries where the "sweet" and "tart" breakdown was not asked or where respondents wrote in "cherries" but did not specify or code the kind of cherry. All the individual cherry items may not be shown. Data for "sweet cherries," "tart cherries," and "cherries, not specified" are not available for 1982.

Other fruits and nuts—Data shown for other fruits and nuts relate to any fruits and nuts not having a specific code on the 1987 report form.

Land used for vegetables—Data are for the total land used for vegetable crops. The acres are reported only once, even though two or more harvests of a vegetable or more than one vegetable were harvested from the same acres.

Vegetables harvested for sale—The acres of vegetables harvested is the summation of the acres of individual vegetables harvested. All of the individual vegetable items may not be shown.

Nursery and greenhouse crops grown for sale—These data are a summation of the individual items reported. All of the individual items may not be shown.

Nursery, floriculture, vegetable and flower seed crops, sod, etc., grown in the open, irrigated—Data refer to farms reporting irrigated nursery, floriculture, vegetable and flower seeds, sod, bedding plants, etc., grown in the open.

Other grains—These data are for the total market value of other grains sold including dry edible beans, dry lima beans, buckwheat, dry southern peas (cowpeas), emmer and spelt, flaxseed, mixed grains, lentils, mustard seed, dry edible peas, popcorn, proso millet, rice, rye for grain, safflower, sunflower seed, triticale, and wild rice.

Value of crop production—This item represents the estimated value of all crops harvested during the 1987 crop year. Data for the value of crops harvested were obtained by multiplying the average estimated value per unit by the reported acres or quantity harvested. Generally, harvested units of production (pounds, bushels, bales, etc.) were multiplied by State estimates of prices per unit. If only acres harvested were reported, State estimates for value of production per acre were used. The State average production price and production value per acre used in these calculations were obtained usually from publications of the National Agricultural Statistics Service, USDA. When

USDA estimates were not available, Bureau of the Census statisticians made estimates using available sources such as data from adjacent States, respondent report forms, county extension agents, and other persons knowledgeable about specific crops.

FARMS CLASSIFIED BY SPECIFIED CHARACTERISTICS

State tables 48 through 53 present detailed 1987 data for all farms classified by specified characteristics—tenure of operator, type of organization, age and principal occupation of operator, size of farm (acres), value of agricultural products sold, and standard industrial classification. Other tables include data classified by value of sales groups or other characteristics of the farm or the operator.

Farms by value of agricultural products sold or value of sales— In 1987, all farms were tabulated by size based on reported sales. In 1982 and earlier censuses, abnormal farms were not tabulated based on sales size. In the tables on market value of agricultural products sold, the sales of abnormal farms in 1982 and earlier censuses were included in the total sales figure, but excluded from the detailed size categories. Abnormal farms included institutional farms, experimental and research farms, and Indian reservations. The category "farms with sales of less than $1,000" included all farms with actual sales of less than $1,000 but having the production potential for sales of $1,000 or more. These farms normally could be expected to sell $1,000 or more of agricultural products.

The sales size categories used in this report are consistent with the standard business size categories issued by Office of Management and Budget (OMB) in 1982. In State table 52, data are presented for four sales size categories between $10,000 and $49,999. This provides users with bridge data under both the OMB and the 1978 census classifications. For the 1992 census, data will be presented only for the OMB sales size categories of $10,000 to $24,999 and $25,000 to $49,999.

Abnormal farms—This category includes institutional farms, experimental and research farms, and Indian reservations. Institutional farms include those operated by hospitals, penitentiaries, churches, schools, grazing associations, and government agencies. In 1987 and 1982, nongovernmental units such as church farms and Future Farmers of America camps were classified as abnormal farms only when 50 percent or more of their products produced and intended for human consumption were utilized by the organization.

Farms by tenure of operator—The classifications of tenure used in the 1987 census were:

Full owners, who operate only land they own.

Part owners, who operate land they own and also land they rent from others.

Tenants, who operate only land they rent from others or work on shares for others.

Farms by type of organization—All farms were classified by type of organization in the 1987 census. The classifications used were:

Individual or family (sole proprietorship), excluding partnership and corporation.

Partnership, including family partnership.

Corporation, including family corporation.

Other, cooperative, estate or trust, institutional, etc.

Corporations were subclassified by two additional characteristics into:

1. Family held
   Other than family held
2. More than 10 stockholders
   10 or less stockholders

Farms by age and principal occupation of operator—Data on age and principal occupation were requested from all operators in 1987. The principal occupation classifications used were:

Farming—The operator spent 50 percent or more of his/her worktime in 1987 in farming or ranching.

Other—The operator spent more than 50 percent of his/her worktime in 1987 in occupations other than farming or ranching.

Farms by size—All farms were classified into selected size groups according to the total land area in the farm. The land area of a farm is an operating unit concept and includes land owned and operated as well as land rented from others. Land rented to or assigned to a tenant was considered the tenant's farm and not the owner's.

Farms by standard industrial classification—In 1987, all agricultural production establishments (farms, ranches, nurseries, greenhouses, etc.) were classified by type of activity using the standard industrial classification (SIC) system. These classifications, found in the 1987 SIC Manual[1], are used to promote uniformity and comparability in the presentation of statistical data collected by various agencies.

[1]**Standard Industrial Classification Manual: 1987.** For sale by Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Stock No. 041-001-003-14-2.

An establishment primarily engaged in crop production (major group 01) or production of livestock and animal specialties (major group 02) is classified in the four-digit industry and three-digit industry group which accounts for 50 percent or more of the total value of sales of its agricultural products. If the total value of sales of agricultural products of an establishment is less than 50 percent from a single four-digit industry, but 50 percent or more from the products of two or more four-digit industries within the same three-digit industry group, the establishment is classified in the miscellaneous industry of that industry group. Otherwise, it is classified as a general crop farm in industry 0191 or a general livestock farm in industry 0291. Establishments that derive 50 percent or more of the value of sales from horticultural specialties of industry group 018 are classified in industry 0181 or 0182 according to their primary activity.

Characteristics of all farms by selected SIC groupings are shown in State tables 18 and 53. The SIC groupings shown in State table 53, together with the associated products (value of sales representing 50 percent or more of the value of agricultural products sold during the year) on which the classification is based, are as follows:

Cash grains (011)—Wheat, rice, corn, soybeans, barley, buckwheat, cowpeas, dry field and seed beans and peas, flaxseed, lentils, milo, mustard seed, oats, popcorn, rye, safflower, sorghum, sunflowers, and other small grains.

Cotton (0131)—Cotton and cottonseed.

Tobacco (0132)—Tobacco.

Sugarcane, sugar beets, Irish potatoes, hay, peanuts, and other field crops (0133, 0134, 0139)—Sugarcane, sugar beets, Irish potatoes, alfalfa, broomcorn, clover, grass seed, hay, hops, mint, peanuts, sweetpotatoes, timothy, and yams.

Vegetables and melons (016)—Vegetables and melons grown in the open.

Fruits and tree nuts (017)—Berries, grapes, tree nuts, citrus fruits, deciduous tree fruits, avocados, bananas, coffee, dates, figs, olives, pineapples, and tropical fruit.

Horticultural specialties (018)—Bedding plants, bulbs, florists' greens, flower and vegetable seeds, flowers, foliage, fruit stocks, nursery stock, ornamental plants, shrubberies, sod, mushrooms, and vegetables grown under cover.

General farms, primarily crops (019)—Crops, including horticultural specialties, but less than 50 percent of sales from any single three-digit industry group.

Livestock, except dairy, poultry, and animal specialties (021)—Cattle, calves, hogs, sheep, goats, goat's milk, mohair, and wool.

Beef cattle, except feedlots (0212)—Production or feeding of beef cattle, except feedlots.

Dairy farms (024)—Production of cows' milk and other dairy products and raising of dairy heifer replacements.

Poultry and eggs (025)—Chickens, chicken eggs, turkeys, ducks, geese, pheasants, pigeons, quail, and squab.

Animal specialties (027)—Fur-bearing animals, rabbits, horses, ponies, bees, fish in captivity except fish hatcheries, worms, and laboratory animals.

General farms, primarily livestock and animal specialties (029)— Livestock and animal specialties and their products, but less than 50 percent of sales from any single three-digit industry group.

The SIC manual was revised for 1987. Animal aquaculture (0273) was established as a new industry and horticultural specialties, not elsewhere classified (0189) was deleted.

APPENDIX B.
Places With All Cropland in the Conservation Reserve Program

The Food Security Act of 1985 established the Conservation Reserve Program (CRP). This program provides annual payments for highly erodible cropland enrolled in the program and meeting its conservation requirements. It also requires that the land be taken out of agricultural production for 10 years.

The 1987 Census of Agriculture includes Conservation Reserve acreage as land in farms on operations that meet the census farm definition. For census purposes, a farm is any place from which agricultural products of $1,000 or more were produced and sold or normally would have been sold during the census year. Operations which placed all of their cropland in the CRP and did not otherwise meet the farm definition based upon sales, livestock inventories, planted crops, or other criteria for potential sales were not included as farms in the census tabulations.

The following table provides CRP data for places not meeting the census farm definition ("whole farm" CRP places). It also contains separate but corresponding CRP data for farms included in the census tabulations. In addition to State data, detailed county data are presented for counties with three or more "whole farm" CRP places reported. For counties with less than three "whole farm" CRP places reported, their data are combined and reported in "all other counties."

The data for "whole farm" CRP places are not complete for all counties. The census mail list was developed from sources which indicated the farm had agricultural production activity. It was not designed to cover all "whole farm" CRP places. Therefore, the data for these places are limited to what was reported in the census and have not been adjusted to account for nonresponse, incomplete coverage, and reporting errors.

Land in Conservation Reserve Program: 1987

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

Geographic area	Agricultural places excluded by farm definition with acres in the CRP			Farms with acres in the CRP		
	Number	Land in places (acres)	Land in CRP (acres)	Number	Land in farms (acres)	Land in CRP (acres)
Hawaii	5	64	61	1	(D)	(D)

APPENDIX C.
Statistical Methodology

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MAIL LIST MODEL

A statistical discriminant model was developed to predict the probability that a mail list addressee operated a farm. The model was used to identify the 4.1 million records from the preliminary census mail list of 6.0 million records that would receive a census of agriculture report form. Records from the 1982 census mail list were used to build the model. Record characteristics such as the source of the mail list record (see appendix A for a description of record sources), number of source lists on which the record appeared, expected value of agricultural sales, and geographic location were used to separate mail list records into model groups. The proportion of 1982 census farm records in each group was calculated to provide an estimate of the probability that an addressee in the group operated a farm.

Using these same group definitions, the 1987 census mail list records were separated into groups, each with an associated estimate of farm probability from the model. The 4.1 million mail list records in groups with the largest estimate of farm probability were selected to receive the census report form. A large percentage of the 1.9 million records that were dropped from the 6.0 million preliminary census mail list were nonfarm records from the previous census. This procedure was used to obtain a more complete census enumeration without excessive respondent burden and data collection cost.

CENSUS SAMPLE DESIGN

Each of the 4.1 million name and address records on the census mail list was designated to receive one of three different types of census report forms. The three forms were the nonsample census form (a four-page form), the sample form (a six-page form), and the short form (a two-page form). Sections 1 through 22 of the sample form were identical to sections on the nonsample census form. However, the sample form contained additional sections on farm production expenditures, usage of fertilizers and insecticides, value of machinery and equipment, value of land and buildings, and farm-related income. The short form contained abbreviated versions of the sections on the nonsample census form. These three different forms were used to reduce the response burden of the census, while providing quality information on a large number of data items at the county level.

The sample form was mailed to all mail list records in Alaska and Hawaii and to a sample of records in other States identified when the mail list was constructed. Addresses were selected into the sample with certainty if they were expected to have large total values of agricultural products sold or large acreage, if they were firms with two or more farms, or if they had other special characteristics. When a nonsample large farm was identified during processing, a supplemental form that contained the additional data inquiries was mailed. All farms in counties with less than 100 farms in 1982 were included in the sample with certainty; counties containing 100 to 199 farms in 1982 were systematically sampled at a rate of 1 in 2; and counties containing 200 or more farms in 1982 were systematically sampled at a rate of 1 in 6. This differential sample scheme was used to provide reliable data for sections 23 through 28 of the report form for all counties.

To determine which mail list records would receive the short form, all mail list records not designated for the sample were sorted into model groups according to farm probability as specified by the mail list model. The 906,000 mail list records in the model groups with the lowest probability of being farms and with an expected total value of agricultural product sales less than $20,000 were designated to receive the short form. The remaining mail list records were selected to receive the nonsample census form.

CENSUS ESTIMATION

The 1987 Census of Agriculture used two types of statistical estimation procedures. These estimation procedures accounted both for nonresponse to the data collection and for the sample data collection. These procedures are used because some farm operators never

respond to the census despite numerous attempts to contact them, and not all farm operators are requested to provide the sample data items. All farms were surveyed for all data items so only nonresponse estimation was necessary.

Whole Farm Nonresponse Estimation

A statistical estimation procedure was used to account for the census farms among mail list nonrespondents that were not designated for telephone followup. A stratified systematic sample of eligible census nonrespondents were mailed a simplified report form. Five sample strata were defined based on form type, expected value of sales, and previous census status. The report form was designed to provide sufficient information to determine farm status. Additional mail and telephone contacts were made to survey nonrespondents to obtain sufficient response for survey estimates.

Estimates of the proportion of census nonrespondents that operated farms were made for each stratum in the State using survey results and applied to the total number of census nonrespondents in that stratum. A synthetic estimation procedure was used to estimate the number of census nonrespondents that operated farms for each county by stratum. This estimation procedure is based on the assumption that the distribution of farms in a stratum by county is the same for census nonrespondents as for census respondents.

Within each stratum in a county, a noninteger nonresponse weight was calculated and assigned to each eligible respondent farm record. The procedure used for calculating the nonresponse weight assumed the eligible census respondents and the nonrespondent farm operations in a county had similar characteristics within each stratum. The noninteger nonresponse weight was the ratio of the sum of the estimated number of nonrespondent farms (using nonresponse survey results) and the number of eligible census respondent farms to the number of eligible census respondent farms. Stratum controls were established to ensure that this weight was never greater than 2.0. The noninteger nonresponse weight was used in the estimation of the final weight for the sample items. It was randomly rounded to an integer weight of either 1 or 2 for each record for tabulating the complete count items.

The procedure assumed that we obtain complete response from large and unique farm operations because these cases received intensive telephone followup during census processing. In situations where addressees could not be contacted by telephone or refused to cooperate, secondary sources such as Agricultural Stabilization and Conservation Service offices or county extension agents were asked to provide information as to whether or not the addressee had agricultural activities. Data from previous census reports for the specific addressee, in conjunction with other information, were used to complete the census report form.

Table A quantifies the effect of the nonresponse estimation procedure on selected census data items. The percentage of the census value contributed by nonresponse estimation as provided in this table indicates the potential for bias in published figures resulting from this procedure. The estimates provided in these tables do not reflect the effect of nonresponse to individual data items on respondents' census report forms. The effect of this item nonresponse is discussed further under Census Nonsampling Error.

Table A. **Percent of State Totals Contributed by Whole Farm Nonresponse Estimation: 1987**

Item	Percent of total
Farms ----------number--	16.3
Land in farms ----------acres--	1.1
Value of land and buildings ----------$1,000--	4.9
Market value of agricultural products sold --$1,000--	1.6
Harvested cropland ----------acres--	2.1
Corn for grain or seed----------acres--	-
Wheat for grain----------acres--	-
Livestock and poultry inventory:	
Cattle and calves ----------number--	2.6
Hogs and pigs----------number--	11.3
Hens and pullets of laying age ---------number--	.6

CENSUS SAMPLING ERROR

Sampling error in the census data results from the nonresponse sample and the census sample data collection. Census items were classified as either complete count or sample data items. In Hawaii, all farms were asked the complete count and sample items. The complete count data items included land in farms, harvested cropland, livestock inventory and sales, crop acreages, quantities harvested and crop sales, land use, irrigation, government loans and payments, conservation acreage, type of organization, and operator characteristics (sections 1 through 22 of the census report form). The sample data items included farm production expenditures, fertilizer and chemical usage, farm machinery and equipment, value of land and buildings, and farm-related income (sections 23 through 28 of the census report form). Variability in the estimates of complete count and sample items is due to the nonresponse sample estimation procedure that is based on a sample of nonrespondents.

This sample for the 1987 Census of Agriculture is one of a large number of possible samples of the same size that could have been selected using the same sample design. Estimates derived from the different samples would differ from each other. The difference between a sample estimate and the average of all possible sample estimates is called the sampling deviation. The standard error or sampling error of a survey estimate is a measure of the variation among the estimates from all possible samples, and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The percent relative

standard error of estimate is defined as the standard error of the estimate divided by the value being estimated multiplied by 100. If all possible samples were selected, each of the samples were surveyed under essentially the same conditions, and an estimate and its standard error were calculated from each sample, then:

1. Approximately 67 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average value of all possible samples.
2. Approximately 90 percent of the intervals from 1.65 standard errors below the estimate to 1.65 standard errors above the estimate would include the average value of all possible samples.

The computations involved to define the above confidence statements are illustrated in the following example. Assume that the estimate of number of farms for the State is 94,382 and the relative standard error of the estimate (percent) is .1 percent (0.001). Multiplying 94,382 by 0.001 yields 94, the standard error. Therefore, a 67-percent confidence interval is 94,288 to 94,476 (i.e., 94,382 plus or minus 94). If corresponding confidence intervals were constructed for all possible samples of the same size and design, approximately 2 out of 3 (67 percent) of these intervals would contain the figure obtained from a complete enumeration. Similarly, a 90 percent confidence interval is 94,227 to 94,538 (i.e., 94,382 plus or minus 1.65 x 94).

Table B provides the reliability estimates of the estimated number of farms in a county reporting an item. The table shows the percent relative standard errors for selected estimated number of farms in a county reporting an item.These are derived from a regression equation. The parameters of the regression equation were estimated using the estimated number of farms in a county reporting the item as the independent variable and the standard error of that estimate as the dependent variable for all counties in the State.

Table B. **Reliability Estimates for Number of Farms in a County Reporting an Item: 1987**

Farms	Relative standard error of estimate (percent)
Number of farms reporting:	
25	8.4
50	5.6
75	4.2
100	3.4
150	2.2
200	1.2
300	1.0
500	.7
750	.6
1,000	.5
1,500	.4
2,000	.4

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 12, is 89. Refer to table B and select the estimated relative standard error of the estimate from the row whose value is equal to or just less than the estimated number of farms, 89. For this example, the relative standard error of the estimate comes from the row for 75 farms reporting.

Table C presents the relative standard error of selected State data items for all farms and for all farms with sales of $10,000 or more. The percent relative standard error of the estimate measures the variation associated with the sample-based adjustment for whole farm nonresponse. The reliability of State estimates may vary substantially from State to State. Generally, State estimates for a given data item are less reliable than the corresponding U.S. estimate.

Table D presents the standard error (not relative standard error) for percent change in State totals from 1982 to 1987. The general purpose of the percent change estimate is to provide a relative measure of the difference in a characteristic between censuses. The relative change for a given characteristic is defined as the ratio of the difference of the 1987 and the 1982 estimate for that characteristic to the 1982 estimate. This ratio is multiplied by 100 to obtain the percent change. The percent standard error of a percent change estimate, then, is the standard error of the ratio multiplied by 100.

Table E presents the relative standard error for county totals for 17 major items. The relative standard error of the estimate (percent) for the same item differs among counties in a State. Reasons for this are differences among counties in (1) the total number of farms, (2) the number of large farms included with certainty, (3) the amount of nonresponse, (4) the general agricultural characteristics, and (5) the specific characteristic being measured.

CENSUS NONSAMPLING ERROR

The accuracy of the census counts are affected by the joint effects of the sampling errors described in the previous section and nonsampling errors. Extensive efforts were made to compile a complete and accurate mail list for the census, to design an understandable report form and instructions, and to minimize processing errors through the use of quality control, verification, and check measures on specific operations. Nonsampling errors arise from incompleteness of the census mail list, duplication in the mail list, incorrect data reporting, errors in editing of reported data, and errors in imputation for missing data. These specific nonsampling errors are further discussed in this section. Evaluation studies will be conducted to measure the extent of nonsampling errors due to item imputation.

Respondent and Enumerator Error

Incorrect or incomplete responses to the mailed census report form or to the questions posed by a telephone enumerator introduce error into the census data. Such

incorrect information can lead, in some cases, to incorrect enumeration of farms. To reduce all types of reporting error, questions were phrased as clearly as possible based on tests of the census report form, and detailed instructions for completing the report form were provided to each addressee. In addition, each respondent's answers were checked for completeness and consistency.

Item Nonresponse

Nonresponse to particular questions on the census report that we would logically or statistically expect to be present may create a type of nonsampling error in the data. When information reported for another farm with similar characteristics is used to edit or impute for item nonresponse, the data may be biased because the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. Any attempt to correct the data for nonresponse may not completely reflect this difference either at the element level (individual farm operation) or on the average.

Processing Error

The many steps of processing of each census report form are sources for the introduction of nonsampling error. The processing of the census report forms includes clerical screening for farm activity, computerized check-in of report forms and followup of nonrespondents, keying and transmittal of completed report forms, computerized editing of inconsistent and missing data, review and correction of individual records referred from the computer edit, review and correction of tabulated data, and electronic data processing. These operations undergo a number of quality control checks to ensure as accurate an application as possible, yet some errors are not detected and corrected.

EDITING DATA AND IMPUTATION FOR ITEM NONRESPONSE

For the 1987 Census of Agriculture, as in previous censuses, all reported data were keyed and then edited by computer. The edits were used to determine whether the reports met the minimum criteria to be counted as farms in the census. Computer edits also performed a series of complex, logical checks of consistency and completeness of item responses. They provided the basis for deciding to accept, impute (supply), delete, or alter the reported value for each data record item.

Whenever possible, edit imputations, deletions, and changes were based on component or related data on the respondent's report form. For some items, such as operator characteristics, data from the previous census were used when available. Values for other missing or unacceptable reported data items were calculated based on reported quantities and known price parameters.

When these and similar methods were not available and values had to be supplied, the imputation process used information reported for another farm operation in a geographically adjacent area with characteristics similar to those of the farm operation with incomplete data. For example, a farm operation that reported acres of corn harvested, but did not report quantity of corn harvested, was assigned the same bushels of corn per acre harvested as that of the last nearby farm with similar characteristics that reported acceptable yields during that particular execution of the computer edit. The imputation for missing items in each section of the report form was conducted separately; thus, assigned values for one operation could come from more than one respondent.

Prior to the imputation operation, a set of default values and relationships were assigned to the possible imputation variables. The relationships and values varied depending on the item being imputed. For example, different default values were assigned for several standard industrial classification and total value of sales categories when imputing hired farm labor expenses. These values and item relationships for the possible imputation variables were stored in the computer in a series of matrices. The computer records were sorted by reported State and county, where the county sequence was based on similar types of farms and agricultural practices.

Each execution of the computer edit consisted of records from only one State. For a given execution of the edit, the stored entries in the various matrices were retained in the computer only until a succeeding record having acceptable characteristics for some sections of the report form was processed by the computer. Then the acceptable responses of the succeeding operation replaced those previously stored. When a record processed through the edit had unreported or unacceptable data, the record was assigned the last acceptable ratio or response from an operation with a similar set of characteristics. Once each execution of the computer edit for a State was completed, the possible imputation variables were reset to the default values and relationships for subsequent executions.

After the initial computer edit, keyed reports not meeting the census farm definition were reviewed to ensure that the data were keyed correctly. Edit referrals were generated for about 30 percent of the reports included as farms, and they were also reviewed for keying accuracy and to ensure that the computer edit actions were correct. If the results of the computer edit were not acceptable, corrections were made and the record was reedited. More extensive discussions of the edit and item imputation methodology with measures of the extent of imputation in the census estimates will be provided in a separate research report.

Table C. **Reliability Estimates of State Totals: 1987**

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

Item		All farms		Farms with sales of $10,000 or more	
		Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)
Farms	number	4 870	.5	2 049	.5
Land in farms	acres	1 721 521	.1	1 634 955	.1
Average size of farm	acres	353	.4	798	.5
Value of land and buildings[1]	$1,000	2 938 125	.1	2 245 873	.1
Average per farm	dollars	603 435	.2	1 096 618	.2
Average per acre	dollars	1 707	(Z)	1 374	(Z)
Estimated market value of all machinery and equipment[1]	$1,000	199 280	.1	174 643	.1
Average per farm	dollars	41 208	.1	85 275	.1
Farms by size:					
1 to 9 acres	farms	2 855	.7	976	1.0
	acres	10 320	1.0	4 058	1.3
10 to 49 acres	farms	1 401	1.2	734	1.4
	acres	28 037	1.3	14 391	1.4
50 to 179 acres	farms	341	2.4	151	2.7
	acres	30 020	2.6	13 525	3.1
180 to 499 acres	farms	128	4.0	62	4.6
	acres	36 869	4.4	17 843	5.2
500 to 999 acres	farms	31	5.6	21	5.6
	acres	19 935	5.1	13 368	4.6
1,000 to 1,999 acres	farms	36	-	30	-
	acres	49 051	-	40 448	-
2,000 acres or more	farms	78	-	75	-
	acres	1 547 289	-	1 531 322	-
Total cropland	farms	4 170	.6	1 814	.6
	acres	327 396	.3	299 180	.2
Harvested cropland	farms	3 837	.6	1 758	.6
	acres	152 719	.2	145 422	.1
Acres harvested:					
1 to 9 acres	farms	3 219	.7	1 244	.9
	acres	9 416	.9	4 585	1.2
10 to 49 acres	farms	527	1.9	429	2.0
	acres	9 458	1.9	7 923	1.8
50 to 99 acres	farms	42	4.1	39	3.5
	acres	2 827	3.9	2 656	3.5
100 to 199 acres	farms	13	7.7	11	4.1
	acres	1 657	7.7	(D)	(D)
200 to 499 acres	farms	7	-	7	-
	acres	(D)	(D)	(D)	(D)
500 to 999 acres	farms	7	-	6	-
	acres	(D)	(D)	(D)	(D)
1,000 acres or more	farms	22	-	22	-
	acres	122 497	-	122 497	-
Cropland used only for pasture or grazing	farms	460	2.1	118	3.5
	acres	40 504	2.0	27 382	1.6
Other cropland	farms	962	1.3	495	1.5
	acres	134 173	.4	126 376	.4
Irrigated land	farms	1 827	.7	975	.8
	acres	148 884	.1	146 907	.1
Acres irrigated:					
1 to 9 acres	farms	1 585	.8	751	1.0
	acres	3 985	1.2	2 413	1.5
10 to 49 acres	farms	193	2.3	176	2.3
	acres	3 805	2.1	3 500	2.1
50 to 99 acres	farms	20	4.5	20	4.5
	acres	(D)	(D)	(D)	(D)
100 to 199 acres	farms	7	6.4	6	-
	acres	(D)	(D)	(D)	(D)
200 to 499 acres	farms	3	-	3	-
	acres	974	-	974	-
500 to 999 acres	farms	3	-	3	-
	acres	2 125	-	2 125	-
1,000 acres or more	farms	16	-	16	-
	acres	135 713	-	135 713	-
Market value of agricultural products sold	$1,000	609 740	.1	600 637	.1
Average per farm	dollars	125 203	.3	293 137	.4
Value of sales:					
Less than $2,500	farms	1 402	1.2	-	-
	$1,000	1 374	1.5	-	-
$2,500 to $4,999	farms	674	1.6	-	-
	$1,000	2 419	1.6	-	-
$5,000 to $9,999	farms	745	1.6	-	-
	$1,000	5 310	1.7	-	-
$10,000 to $24,999	farms	911	1.2	911	1.2
	$1,000	14 577	1.2	14 577	1.2
$25,000 to $49,999	farms	476	1.9	476	1.9
	$1,000	16 440	1.9	16 440	1.9
$50,000 to $99,999	farms	287	2.2	287	2.2
	$1,000	19 671	2.2	19 671	2.2
$100,000 or more	farms	375	-	375	-
	$1,000	549 949	-	549 949	-
Sales by commodity or commodity group:					
Crops, including nursery and greenhouse crops	farms	3 579	.6	1 749	.6
	$1,000	498 317	.1	491 320	.1
Grains	$1,000	-	-	-	-
Corn for grain	$1,000	-	-	-	-
Wheat	$1,000	-	-	-	-
Soybeans	$1,000	-	-	-	-
Sorghum for grain	$1,000	-	-	-	-
Barley	$1,000	-	-	-	-
Oats	$1,000	-	-	-	-
Other grains	$1,000	-	-	-	-

See footnotes at end of table.

Table C. **Reliability Estimates of State Totals: 1987**—Con.

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

Item		All farms		Farms with sales of $10,000 or more	
		Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)
Sales by commodity or commodity group—Con.					
Crops, including nursery and greenhouse crops—Con.					
Cotton and cottonseed	$1,000	-	-	-	-
Tobacco	$1,000	-	-	-	-
Hay, silage, and field seeds	$1,000	630	5.3	(D)	(D)
Vegetables, sweet corn, and melons	$1,000	25 790	1.1	24 906	1.1
Fruits, nuts, and berries	$1,000	157 332	.2	153 886	.2
Nursery and greenhouse crops	$1,000	56 527	-	(D)	(D)
Other crops	$1,000	258 037	.1	257 320	.1
Livestock, poultry, and their products	farms	1 201	1.2	390	1.7
	$1,000	111 424	.2	109 317	.2
Poultry and poultry products	$1,000	21 009	.2	20 963	.2
Dairy products	$1,000	31 299	(Z)	(D)	(D)
Cattle and calves	$1,000	43 881	.3	42 425	.3
Hogs and pigs	$1,000	10 371	2.0	9 909	2.1
Sheep, lambs, and wool	$1,000	105	1.0	(D)	(D)
Other livestock and livestock products (see text)	$1,000	4 759	1.7	4 624	1.7
Farms by standard industrial classification:					
Cash grains (011)	farms	-	-	-	-
	acres	-	-	-	-
Field crops, except cash grains (013)	farms	398	2.4	244	2.9
	acres	444 650	(Z)	443 708	(Z)
Vegetables and melons (016)	farms	551	1.8	333	2.0
	acres	8 477	6.0	7 156	7.1
Fruits and tree nuts (017)	farms	1 713	1.2	625	1.6
	acres	113 112	.4	98 247	.3
Horticultural specialties (018)	farms	1 011	-	500	-
	acres	11 347	-	9 218	-
General farms, primarily crop (019)	farms	23	6.4	13	4.9
	acres	452	2.9	350	1.3
Livestock, except dairy, poultry, and animal specialties (021)	farms	977	1.4	257	2.3
	acres	1 107 084	.2	1 054 816	.1
Dairy farms (024)	farms	22	2.0	21	-
	acres	18 142	.1	(D)	(D)
Poultry and eggs (025)	farms	44	6.1	29	4.6
	acres	2 152	3.1	1 944	.5
Animal specialties (027)	farms	99	4.9	26	7.7
	acres	4 937	13.5	1 296	19.5
General farms, primarily livestock and animal specialties (029)	farms	32	8.6	1	-
	acres	11 168	1.8	(D)	(D)
Farms by type of organization:					
Individual or family (sole proprietorship)	farms	4 035	.5	1 506	.7
	acres	429 021	.4	372 486	.2
Partnership	farms	404	2.2	221	2.5
	acres	169 792	.4	159 240	.1
Corporation	farms	370	1.5	288	1.3
	acres	899 049	.1	889 719	.1
Other—cooperative, estate or trust, institutional, etc.	farms	61	4.5	34	4.9
	acres	223 659	.2	213 510	.2
Tenure of operator:					
Full owners	farms	2 549	.8	809	1.1
	acres	344 157	.4	306 818	.2
Part owners	farms	768	1.5	425	1.7
	acres	1 074 110	.1	1 058 432	.1
Tenants	farms	1 553	1.1	815	1.3
	acres	303 254	.5	269 705	.3
Operators by principal occupation:					
Farming	farms	2 816	.7	1 557	.7
	acres	1 454 559	.1	1 417 034	.1
Other	farms	2 054	.9	492	1.7
	acres	266 962	.5	217 921	.3
Operators by sex:					
Male	farms	4 210	.5	1 823	.6
	acres	1 627 203	.1	1 557 488	.1
Female	farms	660	1.7	226	2.8
	acres	94 318	.6	77 467	.4
Average age of operator	years	53.0	.5	51.1	.6
Cropland under federal acreage reduction programs:					
Annual commodity acreage adjustment programs	farms	-	-	-	-
	acres	-	-	-	-
Conservation reserve program	farms	1	(S)	-	-
	acres	(D)	(D)	-	-
Government payments:					
Amount received in cash	$1,000	1 768	.4	1 699	.2
Value of certificates received	$1,000	-	-	-	-
Net cash return from agricultural sales[1]:					
Net cash return from agricultural sales for the farm unit (see text)	farms	4 869	.4	2 048	.4
	$1,000	113 904	.1	117 599	.1
Average per farm	dollars	23 394	.2	57 421	.2
Farms with net gains[2]	number	3 132	.9	1 742	.8
	$1,000	137 060	.3	133 799	.2
Farms with net losses	number	1 737	1.4	306	3.5
	$1,000	23 156	1.3	16 200	1.1
Total farm production expenses[1]	farms	4 868	.4	2 048	.4
	$1,000	495 759	(Z)	482 975	(Z)
Livestock and poultry purchased	farms	589	.3	244	.1
	$1,000	15 230	(Z)	14 646	(Z)
Feed for livestock and poultry	farms	945	.3	344	.2
	$1,000	42 629	(Z)	42 095	(Z)
Seeds, bulbs, plants, and trees	farms	1 484	.3	820	.3
	$1,000	12 316	(Z)	12 047	(Z)
Commercial fertilizer	farms	3 524	.5	1 676	.5
	$1,000	30 717	.1	29 701	.1

See footnotes at end of table.

Table C. **Reliability Estimates of State Totals: 1987**—Con.

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

Item		All farms		Farms with sales of $10,000 or more	
		Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)
Total farm production expenses—Con.					
Agricultural chemicals	farms	3 881	.4	1 787	.5
	$1,000	18 233	.1	17 152	.1
Petroleum products	farms	4 503	.4	1 995	.4
	$1,000	17 197	.1	16 065	.1
Electricity	farms	1 868	.3	1 173	.3
	$1,000	5 611	(Z)	5 389	(Z)
Hired farm labor	farms	1 224	.4	902	.3
	$1,000	193 230	(Z)	192 113	(Z)
Contract labor	farms	768	.6	457	.5
	$1,000	5 885	.2	5 286	.2
Repair and maintenance	farms	3 612	.4	1 799	.4
	$1,000	25 557	.1	24 473	(Z)
Customwork, machine hire, and rental of machinery and equipment	farms	698	.4	387	.4
	$1,000	8 175	(Z)	7 872	(Z)
Interest	farms	1 285	.4	860	.3
	$1,000	22 930	.1	21 407	(Z)
Cash rent	farms	1 668	.4	967	.4
	$1,000	15 910	(Z)	15 212	(Z)
Property taxes	farms	3 926	.4	1 596	.3
	$1,000	5 142	.1	4 140	.1
All other farm production expenses	farms	4 428	.4	2 040	.4
	$1,000	76 996	(Z)	75 377	(Z)
Livestock and poultry:					
Cattle and calves inventory	farms	1 003	1.4	259	2.0
	number	211 045	.4	193 062	.3
Beef cows	farms	724	1.6	198	2.4
	number	83 427	.4	76 126	.4
Milk cows	farms	73	4.9	27	2.6
	number	11 836	.1	11 736	(Z)
Cattle and calves sold	farms	807	1.5	225	2.1
	number	101 315	.3	96 239	.3
Hogs and pigs inventory	farms	372	2.5	136	3.7
	number	47 564	2.8	42 784	3.1
Hogs and pigs sold	farms	307	2.7	127	3.8
	number	69 019	2.0	64 618	2.1
Sheep and lambs inventory	farms	42	6.9	11	5.7
	number	(D)	(D)	(D)	(D)
Sheep and lambs sold	farms	26	9.4	10	6.3
	number	(D)	(D)	(D)	(D)
Hens and pullets of laying age inventory	farms	177	3.4	53	4.9
	number	993 884	.4	990 691	.3
Broilers and other meat-type chickens sold	farms	12	6.5	8	–
	number	2 069 316	(Z)	2 069 219	–
Horses and ponies inventory	farms	537	1.9	168	2.5
	number	3 551	1.7	1 957	1.0
Selected crops harvested:					
Sugarcane for sugar	farms	79	4.0	62	4.1
	acres	79 234	(Z)	79 140	(Z)
	tons	7 934 181	(Z)	7 929 989	(Z)
Pineapples harvested	farms	18	–	12	–
	acres	22 262	–	22 254	–
	tons	683 182	–	683 086	–
Vegetables harvested for sale (see text)	farms	710	1.6	428	1.8
	acres	5 587	1.4	5 165	1.4
Land in orchards	farms	2 128	1.0	796	1.3
	acres	33 564	.7	27 525	.5

[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 Percent Change in State Totals: 1982 to 1987**

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

Item		All farms		Farms with sales of $10,000 or more	
		Percent change	Standard error of estimate (percent)	Percent change	Standard error of estimate (percent)
Farms	number	6.0	.9	15.4	.8
Land in farms	acres	-12.1	1.9	-12.0	.4
Value of land and buildings[1]:					
Average per farm	dollars	-22.5	.9	-35.2	.2
Total cropland	farms	8.7	1.0	18.1	.9
	acres	-5.4	.5	-7.9	.2
Harvested cropland	farms	8.5	1.0	18.4	1.0
	acres	-2.1	.2	-3.0	.1
Irrigated land	farms	18.3	1.0	25.5	1.1
	acres	2.0	.1	2.0	.1
Market value of agricultural products sold	farms	6.0	.8	15.4	.8
	$1,000	9.2	.2	9.3	.1
Crops, including nursery and greenhouse crops	farms	6.8	.9	18.3	1.0
	$1,000	9.3	.2	9.3	.1
Livestock, poultry, and their products	farms	-1.0	1.3	-3.2	1.7
	$1,000	8.7	.3	9.2	.3
Poultry and poultry products	farms	-18.2	3.4	-9.6	4.0
	$1,000	-2.4	.2	-2.2	.2
Selected farm production expenses[1]:					
Livestock and poultry purchased	farms	-3.3	.6	6.6	.3
	$1,000	-13.4	.1	-14.0	-
Feed for livestock and poultry	farms	-8.2	.6	-2.5	.3
	$1,000	2.6	.1	3.0	-
Seeds, bulbs, plants, and trees	farms	33.5	.5	36.0	.5
	$1,000	27.4	.1	27.4	.1
Commercial fertilizer[2]	farms	11.6	.7	21.8	.6
	$1,000	-8.2	.1	-9.1	.1
Agricultural chemicals[2]	farms	25.8	.8	27.1	.6
	$1,000	11.1	.1	9.5	.1
Hired farm labor	farms	-3.7	.3	3.4	.2
	$1,000	32.1	-	32.0	-
Interest[3]	farms	-9.6	.5	-4.7	.3
	$1,000	29.0	.3	28.5	.1
Livestock and poultry inventory:					
Cattle and calves	farms	-3.6	1.5	-3.4	2.0
	number	-12.8	.4	-12.1	.3
Hogs and pigs	farms	.3	2.6	3.0	3.8
	number	-3.0	2.8	.2	3.1
Hens and pullets of laying age	farms	-10.6	3.1	-7.0	4.6
	number	(D)	(D)	(D)	(D)
Selected crops harvested:					
Corn for grain or seed	farms	-100.0	-	-100.0	-
	acres	-100.0	-	(D)	(D)
Sorghum for grain or seed	farms	-	-	-	-
	acres	-	-	-	-
Wheat for grain	farms	-	-	-	-
	acres	-	-	-	-
Soybeans for beans	farms	-	-	-	-
	acres	-	-	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	60.0	22.8	133.3	35.0
	acres	247.5	11.6	(D)	(D)
Vegetables harvested for sale (see text)	farms	-4.8	1.6	16.9	2.2
	acres	19.5	1.7	25.0	1.8
Land in orchards	farms	16.6	1.4	30.1	1.8
	acres	44.8	1.1	47.5	.8

[1]Data are based on a sample of farms.
[2]Data for 1987 include cost of custom applications.
[3]Data for 1982 do not include imputation for item nonresponse.

Table E. **Reliability Estimates of County Totals: 1987**

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

Geographic area	Farms		Land in farms		Average value of land and buildings per farm[1]		Estimated market value of all machinery and equipment[1]		Harvested cropland		Irrigated land	
	Total (number)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Value (dollars)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)
Hawaii	2 810	.8	1 007 287	.1	573 527	.5	75 743	.3	63 098	.4	12 899	.5
Honolulu	938	.5	130 771	.7	440 397	(Z)	36 875	(Z)	24 779	.2	36 301	.1
Kauai	400	.8	224 153	.4	709 213	-	27 986	-	21 890	.2	32 486	.1
Maui	722	.5	359 310	.2	873 008	.1	58 676	(Z)	42 952	.2	67 198	.1

Geographic area	Cattle and calves inventory		Hogs and pigs inventory		Corn for grain or seed		Wheat for grain		Soybeans for beans		Market value of agricultural products sold	
	Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total (acres)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Hawaii	132 022	.4	3 327	7.5	-	-	-	-	-	-	219 756	.2
Honolulu	29 344	.7	30 901	4.1	-	-	-	-	-	-	168 824	.1
Kauai	13 856	2.5	4 288	3.6	-	-	-	-	-	-	67 847	.1
Maui	35 823	1.0	9 048	3.5	-	-	-	-	-	-	153 313	.1

Geographic area	Selected farm production expenses[1]									
	Livestock and poultry purchased		Commercial fertilizer		Hired farm labor		Petroleum products		Electricity for the farm business	
	Total ($1,000)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)	Total ($1,000)	Relative standard error of estimate (percent)
Hawaii	1 863	.4	12 796	.2	54 570	(Z)	5 945	.3	1 505	.1
Honolulu	11 105	(Z)	4 699	(Z)	48 365	(Z)	3 622	(Z)	2 912	(Z)
Kauai	470	-	5 668	-	26 264	-	2 706	-	390	-
Maui	1 793	(Z)	7 554	(Z)	64 031	(Z)	4 923	(Z)	804	(Z)

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

APPENDIX D.
Report Form and Information Sheet

FORM 87-A0213 (9-18-86)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

AG CENSUS USA

UNITED STATES CENSUS OF AGRICULTURE

Please complete this form and RETURN TO:

BUREAU OF THE CENSUS
1201 East Tenth Street
Jeffersonville, IN 47133

NOTICE — Response to this inquiry is required by law (title 13, U.S. Code). By the same law YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census employees and may be used only for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report, please refer to your Census File Number (CFN)

87-A0213

Note — If your records are not available, reasonable estimates may be used. If you cannot file by February 1, a time extension request may be sent to the above address. Include your 12-character Census File Number (CFN) as shown in your address label in all correspondence to us.

If you received more than one report form, enter extra Census File Number(s) here and return extra copies with your completed report.

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CENSUS USE ONLY	035	036	037	038
	039	040	041	042

Please correct errors in name, address, and ZIP Code. ENTER street and number if not shown.

SECTION 1 — ACREAGE IN 1987

S1 Report land owned, rented, or used by you, your spouse, or by the partnership, corporation, or organization for which you are reporting. Include ALL LAND, REGARDLESS OF LOCATION OR USE — cropland, pastureland, rangeland, woodland, idle land, house lots, etc.

If the acres you operated in 1987 changed during the year, refer to the INFORMATION SHEET, section 1.

	None	Number of acres
1. All land owned	☐	043
2. All land rented or leased FROM OTHERS, including land worked by you on shares, used rent free, in exchange for services, payment of taxes, etc. Include leased Federal, State, and railroad land. (DO NOT include land used on a per-head basis under a grazing permit.) Also complete item 5 below.	☐	044
3. All land rented or leased TO OTHERS, including land worked on shares by others and land subleased. Also complete item 6 below.	☐	045
4. **Acres in "THIS PLACE"** — ADD acres owned (item 1) and acres rented (item 2), then SUBTRACT acres rented TO OTHERS (item 3), and enter the result in this space. →		046

For this census report these are the acres in "THIS PLACE."
If the entry is zero please refer to the INFORMATION SHEET, section 1.

5. If you rented land FROM OTHERS (item 2), enter the following information for each landlord.

Name of landlord	Mailing address *(Include ZIP Code)*	Number of acres

List additional landlords on a separate sheet of paper.

6. If you rented land TO OTHERS (item 3), enter the following information for each renter.

Name of renter	Mailing address *(Include ZIP Code)*	Number of acres

List additional renters on a separate sheet of paper.

a. Of the land you rented or leased to others, how many acres did you own? ..... None ☐ 053 _____ Acres

7. Did you have any grazing permits on a per-head basis?

054
1 ☐ Yes — *Mark (X) all boxes which apply*
2 ☐ No — *Go to item 8*

3 ☐ Forest Service
4 ☐ Taylor Grazing Sec. 3 (BLM)
5 ☐ Indian Land
6 ☐ Other — *Specify* _____

8. LOCATION OF AGRICULTURAL ACTIVITY FOR "THIS PLACE"

a. In what county was the largest value of your agricultural products raised or produced? .....

b. 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 →			056
Other counties			057
			058
			059

PENALTY FOR FAILURE TO REPORT

***INSTRUCTIONS* — Please report your crops in the appropriate section. Use section 7 to report ONLY those CROPS NOT listed in sections 2 through 6 and section 8. DO NOT INCLUDE crops grown on land rented to others.**

SECTION 2 — Were any of the following CROPS harvested from "THIS PLACE" in 1987?

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. OR 1 Lbs.	069
2. Corn (field) for silage or green chop	☐	070	071 Tons, green	072
3. Wheat for grain	☐	073	074 Bu.	075
4. Oats for grain	☐	076	077 Bu.	078
5. Barley for grain	☐	079	080 Bu.	081
6. Sorghum for grain or seed, including milo	☐	082	083 Bu. OR 1 Lbs.	084
7. Sorghum for silage or green chop *(Do not include sorghum-sudan crosses.)*	☐	085	086 Tons, green	087
8. Soybeans for beans	☐	088	089 Bu.	090
9. Cotton	☐	091	092 Bales	093
10. Tobacco — all types	☐	094 /10	095 Lbs.	096 /10
11. Potatoes, Irish	☐	097 /10	098 Cwt.	099 /10
12. Sweetpotatoes and yams	☐	100 /10	101 Bu.	102 /10

SECTION 3 — Was any DRY HAY, GRASS SILAGE, HAYLAGE, or GREEN CHOP cut or harvested from "THIS PLACE" in 1987?

Include sorghum-sudan crosses and hay cut from pastures.

S3 1 ☐ YES — ***Complete this section*** 2 ☐ NO — *Go to section 4*

If cuttings were made for both dry hay and grass silage, haylage, or green chop from the same fields, report the acreage in the appropriate items under DRY HAY and also under GRASS SILAGE, HAYLAGE, and GREEN CHOP.

	Acres harvested	Quantity harvested *(Report either dry or green weight as indicated)*	Acres irrigated
1. **DRY HAY** *(If two or more cuttings of dry hay were made from the same acres, report acres only once, but report total tons from all cuttings.)*			
a. Alfalfa and alfalfa mixtures for hay or dehydrating	103	104 Tons, dry	105
b. Small grain hay — oats, wheat, barley, rye, etc.	106	107 Tons, dry	108
c. Other tame dry hay — clover, lespedeza, timothy, Bermuda grass, Sudangrass, etc.	109	110 Tons, dry	111
d. Wild hay	112	113 Tons, dry	114
2. **GRASS SILAGE, HAYLAGE, AND GREEN CHOP** *(If two or more cuttings were made from the same acres, report acres only once, but report total tons from all cuttings.)*	115	116 Tons, green	117

3. **HAY SOLD** — Did you sell any hay or grass silage in 1987? *(Report value of hay sold in section 9, item 4)* 118 1 ☐ Yes 2 ☐ No

SECTION 4 **Were any VEGETABLES, SWEET CORN, MELONS, etc., harvested FOR SALE from "THIS PLACE" in 1987?** ***(Do not include those grown for home use.)***

S4
1 ☐ YES — ***Complete this section***
2 ☐ NO — *Go to section 5*

Note: For Florida report for September 1, 1986 through August 31, 1987 harvest season; for all other States, report for calendar year 1987.

1. Land from which vegetables were harvested in 1987 . . . . . .

Acres		Acres irrigated	
Whole acres	Tenths	Whole acres	Tenths
375	/10	376	/10

2. From the list below, enter the crop name and code for each crop harvested in 1987. *If more than one vegetable crop was harvested from the same acres, report acres for each crop. Report crops grown under protection in section 5.*

Crop name	Code	Acres harvested		Acres irrigated	
			/10	1	/10
			/10	1	/10
			/10	1	/10
			/10	1	/10
			/10	1	/10
			/10	1	/10

If more space is needed, use a separate sheet of paper.

Crop name	Code	Crop name	Code	Crop name	Code
Asparagus	379	Honeydew melons	423	Southern peas, green (cowpeas) — blackeyed, crowder, etc.	409
Beans, snap (bush and pole)	381	Lettuce and romaine	427	Spinach	457
Beets	383	Lima beans, green	429	Squash	459
Broccoli	385	Mustard greens	431	Sweet corn	461
Cabbage, head	391	Onions, dry	433	Tomatoes	463
Cantaloups and muskmelons	395	Onions, green	435	Turnips	465
Carrots	397	Okra	437	Turnip greens	467
Cauliflower	399	Peas, English, green *(Do not include southern peas)*	441	Watermelons	473
Celery	401	Peppers, sweet	443	Other vegetables — *Specify*	475
Collards	407	Peppers, hot	445		
Cucumbers and pickles	411	Pumpkins	449		
Eggplant	415	Radishes	451		
Garlic	421				

SECTION 5 **Were any NURSERY and GREENHOUSE CROPS, MUSHROOMS, sod, bulbs, flowers, flower seeds, vegetable seeds and plants, vegetables under glass or other protection, GROWN FOR SALE on "THIS PLACE" in 1987?**

S5
1 ☐ YES — ***Complete this section***
2 ☐ NO — *Go to section 6*

1. Nursery and greenhouse crops irrigated in 1987 . . ☐ None

Area irrigated		
Square feet	Acres	Tenths
477	478	/10

2. From the list below, enter the crop name and code for each crop grown.

Crop name	Code	Square feet under glass or other protection in 1987	Acres in the open in 1987		Sales in 1987	
			Whole acres	Tenths	Dollars	Cents
			1	/10	2 $	00
			1	/10	2 $	00
			1	/10	2 $	00

If more space is needed, use a separate sheet of paper.

Crop name	Code	Crop name	Code
Bedding plants (Include vegetable plants)	479	Potted flowering plants	710
Bulbs *(Exclude bulb flowering plants)*	482	Mushrooms	494
Cut flowers and cut florist greens	485	Sod harvested	497
Nursery crops — ornamentals, fruit and nut trees, and vines	488	Vegetable and flower seeds	500
Foliage plants	707	Greenhouse vegetables	503
		Other — *Specify*	506

SECTION 6 **Were any STRAWBERRIES, CRANBERRIES, or OTHER BERRIES harvested FOR SALE from "THIS PLACE" in 1987?** ***(Do not include those grown for home use.)***

S6
1 ☐ YES — ***Complete this section***
2 ☐ NO — *Go to section 7*

From the list below, enter the crop name and code. *Report quantity harvested in unit specified with crop name.*

Crop name	Code	Acres harvested		Quantity harvested	Acres irrigated	
		Whole acres	Tenths		Whole acres	Tenths
			/10	1	2	/10
			/10	1	2	/10
			/10	1	2	/10

If more space is needed, use a separate sheet of paper.

Crop name	Code	Crop name	Code
Blackberries and dewberries (pounds)	509	Raspberries (pounds)	533
Blueberries, tame (pounds)	512	Strawberries (pounds)	536
Blueberries, wild (pounds)	515	Other berries (pounds) — *Specify*	539
Cranberries (100-lb. barrels)	521		

SECTION 7 **Were any OTHER CROPS harvested from "THIS PLACE" in 1987 — small grains, field seeds, or other crops not previously reported?** ***(Report fruit in section 8.)***

S7
1 ☐ YES — ***Complete this section***
2 ☐ NO — *Go to section 8*

From the list below, enter the crop name and code. *Report quantity harvested in unit specified with crop name.*

Crop name	Code	Acres harvested	Quantity harvested	Acres irrigated
			1	2
			1	2
			1	2
			1	2
			1	2
			1	2

If more space is needed, use a separate sheet of paper.

Crop name	Code	Crop name	Code
Alfalfa seed (pounds)	542	Popcorn (pounds, shelled)	662
Beans, dry edible *(Do not include dry limas)* (hundredweight)	554	Proso millet (bushels)	665
Beans, dry limas (hundredweight)	557	Red clover seed (pounds)	671
Buckwheat (bushels)	575	Rice (hundredweight)	677
Corn cut for dry fodder, hogged or grazed (report acres only)	581	Rye for grain (bushels)	686
Dry southern peas (cowpeas) (bushels)	584	Ryegrass seed (pounds)	689
Emmer and spelt (bushels)	599	Safflower (pounds)	692
Fescue seed (pounds)	602	Sorghum cut for dry forage or hay (tons, dry)	698
Flaxseed (bushels)	605	Sorghum hogged or grazed (report acres only)	701
Grains, mixed (bushels)	614	Sugar beets for sugar (tons)	719
Kentucky bluegrass seed (pounds)	629	Sugarcane for sugar (tons)	722
Lentils (pounds)	635	Sugarcane for seed (tons)	725
Lespedeza seed (pounds)	638	Sunflower seed (pounds)	734
Mint for oil (pounds of oil)	644	Timothy seed (pounds)	746
Peanuts for nuts (pounds)	656	Other crops (pounds) — *Specify*	752
Peas, dry edible (pounds)	659		

SECTION 8 **Was there a combined total of 20 or more FRUIT TREES, including GRAPEVINES and NUT TREES, on "THIS PLACE" in 1987?**

S8
1 ☐ YES — ***Complete this section***
2 ☐ NO — *Go to section 9*

1. **TOTAL ACRES** in bearing and nonbearing fruit orchards, citrus or other groves, vineyards, and nut trees on this place. *(Do not include abandoned acres.)*

Total acres		Acres irrigated	
Whole acres	Tenths	Whole acres	Tenths
121	/10	122	/10

2. From the list at the right, enter the name and code for fruit trees, grapevines, and nut trees on this place in 1987. Report the requested information for each crop even if not harvested because of low prices, damage from hail, frost, etc.

Crop name	Code	NUMBER OF TREES OR VINES OF —		Acres in trees and vines of all ages		Quantity harvested	Unit of measure *Mark one*			
		Nonbearing age	Bearing age	Whole acres	Tenths		Lbs.	Tons	Boxes	Lbs. per box
			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
			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.

Noncitrus crops	Code
Apples	123
Apricots	129
Avocados	135
Cherries, sweet	345
Cherries, tart	587
Grapes, dry weight	171
Grapes, fresh weight	177
Nectarines	201
Olives *(Report quantity for Sept. 1986 through March 1987 harvest season)*	207
Peaches	225
Pears	231
Plums and prunes, fresh weight	243
Prunes, dry weight	249
Other noncitrus — *Specify*	261

Citrus crops	Code
(Report quantity harvested for the 1986 — 87 harvest season)	
Grapefruit	267
Lemons	279
Limes	285
Oranges	297
Tangelos	303
Tangerines	309
Other citrus — *Specify*	315

Nut crops	Code
Almonds *(Report quantity in meats)*	321
(Report quantity in shell)	
Filberts and hazelnuts	327
Pecans	339
Walnuts, English	357
Other nut trees — *Specify*	363

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SECTION 9 **GROSS VALUE of CROPS SOLD from "THIS PLACE" in 1987, 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 1987. Include the value of the landlord's and/or contractor's share, estimating if necessary. Include value of Government CCC loans.

	None	Dollars	Cents
1. Grains, soybeans and other beans sold in 1987			
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 — rice, dry beans, dry peas, flaxseed, popcorn, safflower, sunflower seed, rye, 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 Irish potatoes and sweetpotatoes, report them in item 7 below.)*	☐	783 $	00
6. Fruits, nuts, and berries — apples, peaches, grapes, citrus, pecans, strawberries, etc.	☐	784 $	00
sugar beets, sugarcane, mint for oil, etc. *(Do not include nursery and greenhouse crops.)* — *Specify* _____	☐	$	00

SECTION 10 **How were the ACRES in this place USED in 1987?**

S10

1. Copy acres in "THIS PLACE" from section 1, item 4, page 1 _____ Acres

NOTE: *For items 2 to 5 below, if land was used for more than one purpose in 1987 report it in the FIRST land use listed below that applies. For example, report cropland harvested and also pastured, only as "Cropland harvested."*

	None	Number of acres
2. 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 2a.)*	☐	790
e. Cropland in cultivated summer fallow	☐	791
f. Cropland idle	☐	793
3. 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
4. Other pastureland and rangeland — *Include any pastureland other than cropland and woodland pasture.*	☐	796
5. All other land — Land in house lots, ponds, roads, wasteland, etc. — *Include any land not reported in items 2 through 4 above.*	☐	797
6. TOTAL ACRES — ***Add the acres reported in items 2 through 5 (Should be the same as item 1 above.)*** →		798

SECTION 11 **Was any LAND in this place IRRIGATED at any time in 1987?**

Irrigated land is all land watered by any artificial or controlled means — sprinklers, furrows or ditches, spreader dikes, etc. Include supplemental, partial, and preplant irrigation.

S11

1 ☐ YES — ***Complete this section***

2 ☐ NO — *Go to section 12*

	None	Number of acres irrigated
1. How many acres of harvested land were irrigated? *Include land from which hay was cut and land in bearing and nonbearing fruit and nut crops reported in section 10, item 2a.*	☐	680
2. How many acres of pastureland, rangeland, and any other lands not included in item 1 above were irrigated?	☐	681

SECTION 12 **Were any ACRES in this place SET ASIDE, DIVERTED, OR IDLED under FEDERAL acreage reduction programs in 1987?**

S12

1 ☐ YES — ***Complete this section***

2 ☐ NO — *Go to section 13*

	None	Number of acres
1. How many acres were set aside (or diverted) under ANNUAL commodity acreage adjustment programs?	☐	682
2. How many acres were under the CONSERVATION RESERVE PROGRAM (10 year, CRP)?	☐	683

SECTION 13 **Did you or anyone else have any CATTLE or CALVES on this place in 1987?**

S13

1 ☐ YES — ***Complete this section***

2 ☐ NO — *Go to section 14*

• **DECEMBER 31, 1987 INVENTORY**	None	INVENTORY Number on this place Dec. 31, 1987
1. 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 or cream for sale or home use — *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 1987** *Include those fed on this place on a contract or custom basis. Also report as sold cattle moved from this place to a feedlot for further feeding.*	None	Number sold in 1987	Gross value of sales Dollars	Cents
2. Cattle, including calves weighing 500 pounds or more	☐	808	809	
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

• **DAIRY PRODUCTS SOLD FROM THIS PLACE IN 1987**	None	DAIRY PRODUCTS Gross value of sales Dollars	Cents
4. Gross value of sales of DAIRY PRODUCTS from this place in 1987 — *Include milk, cream, butter, etc.*	☐	814 $	00

SECTION 14 **Did you or anyone else have any HOGS or PIGS on this place in 1987?**

S14

1 ☐ YES — ***Complete this section***

2 ☐ NO — *Go to section 15*

• **DECEMBER 31, 1987 INVENTORY**	None	INVENTORY Number on this place Dec. 31, 1987
1. 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, 1986 and May 31, 1987	☐	818
b. June 1, 1987 and November 30, 1987	☐	819

• **HOGS AND PIGS SOLD**	None	Number sold in 1987	Gross value of sales Dollars	Cents
3. HOGS and PIGS SOLD from this place in 1987	☐	820	821 $	00
4. Of the hogs and pigs sold, how many were sold as FEEDER PIGS for further feeding?	☐	822	823 $	00

SECTION 15 **Did you or anyone else have any SHEEP or LAMBS on this place in 1987?**

S15

1 ☐ YES — ***Complete this section***

2 ☐ NO — *Go to section 16*

	None	INVENTORY Number on this place Dec. 31, 1987	NUMBER SOLD in 1987
1. SHEEP and LAMBS of all ages	☐	824	825
a. EWES 1 year old or older	☐	826	

	None	Number shorn in 1987	Pounds of wool shorn in 1987
2. SHEEP and LAMBS SHORN	☐	827	828

	None	Gross value of sales Dollars	Cents
3. What was the gross value of sales of SHEEP, LAMBS, and WOOL from this place in 1987?	☐	829 $	00

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SECTION 16 **Did you or anyone else have any HORSES, BEES, FISH, GOATS, OTHER LIVESTOCK, or ANIMAL SPECIALTIES on this place in 1987?**

S16 1 ☐ YES — *Complete this section* 2 ☐ NO — *Go to section 17*

	None	INVENTORY Number on this place Dec. 31, 1987	Total quantity sold in 1987	Gross value of sales 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 list below.)* Name _____ Code _____

Total quantity sold in 1987	Gross value of sales Dollars	Cents
1 Pounds —OR— Number	2 $	00

Name	Code	Name	Code
Catfish	860	Other fish — *Specify*	866
Trout	863	Other aquaculture products — *Specify*	869

If more space is needed, use a separate sheet of paper.

SECTION 17 **Did you or anyone else have any POULTRY, such as CHICKENS, TURKEYS, DUCKS, etc., on this place in 1987?** — *Include poultry grown for others on a contract basis.*

S17 1 ☐ YES — *Complete this section* 2 ☐ NO — *Go to section 18*

	None	INVENTORY Number on this place Dec. 31, 1987	Total number sold in 1987
1. HENS and PULLETS of laying age	☐	892	893
2. PULLETS for laying flock replacement			
a. PULLETS 3 months old or older not yet of laying age	☐	894	895
b. PULLET CHICKS and PULLETS under 3 months 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 1987 and placed or sold — chickens, turkeys, ducks, etc. — *Specify kind of poultry* _____	☐	916
7. Incubator egg capacity on December 31, 1987	☐	917

	None	Gross value of sales Dollars	Cents
8. What was the gross value of sales of poultry and poultry products (eggs, etc.) from this place in 1987?	☐	918 $	00

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SECTION 18 **GOVERNMENT CCC LOANS**

S18

	None	Dollars	Cents
1. Amount received in 1987 from Government CCC loans for — *Include regular and reserve loans, even if redeemed or forfeited.*			
a. Corn	☐	886 $	00
b. Wheat	☐	887 $	00
c. Soybeans	☐	888 $	00
d. Sorghum, barley, and oats	☐	889 $	00
e. Cotton	☐	890 $	00
f. Peanuts, rye, rice, tobacco, and honey	☐	891 $	00

SECTION 19 **Payments received for participation in FEDERAL FARM PROGRAMS in 1987** ***(DO NOT INCLUDE CCC loans.)*** *Refer to INFORMATION SHEET, section 19.*

S19

	None	Dollars	Cents
1. Amount received in cash	☐	884 $	00
2. Value of certificates received — payment-in-kind (PIK) or commodity certificates	☐	885 $	00

SECTION 20 **TYPE OF ORGANIZATION**

S20

Mark (X) the one item which best describes the type of organization for this place in 1987. *Refer to the INFORMATION SHEET, section 20.*

921
- FAMILY or INDIVIDUAL operation — *(Do not include partnership and corporation.)* 1 ☐
- PARTNERSHIP operation — *Include family partnerships.* 2 ☐
  } *Go to section 22*
- INCORPORATED UNDER STATE LAW 3 ☐ *Go to section 21*
- OTHER, such as estate or trust, prison farm, grazing association, Indian reservation, etc. 4 ☐ *Specify below then go to section 22*

Specify _____

SECTION 21 **CORPORATE STRUCTURE (for incorporated operations only)** *Refer to the INFORMATION SHEET, section 21.*

S21

922
1. Is this a family-held corporation? 1 ☐ Yes 2 ☐ No
2. Are there more than 10 stockholders? 3 ☐ Yes 4 ☐ No

SECTION 22 **CHARACTERISTICS AND OCCUPATION OF OPERATOR (Senior partner or person in charge)** *Refer to the INFORMATION SHEET, section 22.*

S22

923
1. RESIDENCE — Does the operator (senior partner or person in charge) live on this place? 1 ☐ Yes 2 ☐ No

928
2. PRINCIPAL OCCUPATION — At which occupation did the operator spend the majority (50 percent or more) of his/her worktime in 1987? *For partnerships consider all members of the partnership together.* 1 ☐ Farming 2 ☐ Other or ranching

929
3. OFF-FARM WORK — How many days did the operator (senior partner or person in charge) work at least 4 hours per day **off** this place in 1987? — *Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.)*
   1 ☐ None
   2 ☐ 1—49 days
   3 ☐ 50—99 days
   4 ☐ 100—149 days
   5 ☐ 150—199 days
   6 ☐ 200 days or more

930
4. In what YEAR did the operator (or senior partner) begin to operate any part of this place? _____ Year

925
5. AGE of operator (senior partner or person in charge) _____ Years old

924
6. RACE of operator (senior partner or person in charge)
   1 ☐ White
   2 ☐ Negro or Black
   3 ☐ American Indian
   4 ☐ Asian or Pacific Islander
   5 ☐ Other — *Specify* _____

926
7. SEX of operator (senior partner or person in charge) 1 ☐ Male 2 ☐ Female

927
8. SPANISH ORIGIN — Is the operator (senior partner or person in charge) of Spanish origin or descent (Mexican, Puerto Rican, Cuban, or other Spanish)? 1 ☐ Yes 2 ☐ No

SECTION 23 **PRODUCTION EXPENSES paid by you and others for this place in 1987**

S23

Include your best estimates of expenses paid by you, your landlord, contractors, buyers, and others for production of crops, livestock, and other agricultural products in 1987. (DO NOT INCLUDE expenses connected with performing customwork for others; operation of nonfarm activities, businesses, or services; or household expenses not related to the farm business.)

	None	Dollars	Cents
1. **Livestock and poultry purchased** — cattle, calves, hogs, pigs, sheep, lambs, goats, horses, chicks, poults, started pullets, etc.	☐	971 $	00
2. **Feed purchased for livestock and poultry** — grain, hay, silage, mixed feeds, concentrates, etc.	☐	972 $	00
a. Commercially mixed formula feeds purchased — complete, supplement, concentrates, premixes. *(Do not include ingredients purchased seperately, such as soybean meal, cottonseed meal, and urea.)*	☐	973 $	00
3. **Seed cost** — for corn, other grains, soybeans, tobacco, cotton, etc. — *Include plants and trees purchased.*	☐	974 $	00
4. **Commercial fertilizer purchased** — all forms, including rock phosphate and gypsum. *Include cost of custom applications.*	☐	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 INFORMATION SHEET)*	☐	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, spraying, dusting, fertilizing, etc. (Do not include cost of cotton ginning and application of fertilizer and chemicals.)*	☐	985 $	00
12. **Interest paid on debts** — *(See INFORMATION SHEET)*			
a. Secured by real estate	☐	986 $	00
b. Not secured by real estate	☐	987 $	00
13. **Cash rent paid for land and buildings in 1987** — *(Do not include grazing fees.)*	☐	988 $	00
14. **Property taxes paid** — *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, marketing charges, miscellaneous farm supplies, etc. (Do not include depreciation, household expenses, and expenses not associated with the farm business.)*	☐	990 $	00

SECTION 24 **Was any COMMERCIAL FERTILIZER, including ROCK PHOSPHATE, or LIME used on this place during 1987?**

S24

1 ☐ YES — ***Complete this section*** 2 ☐ NO — *Go to section 25*

	None	Acres fertilized
1. Acres of cropland fertilized in 1987 — *(Do not include cropland for pastures reported in section 10, item 2b.)*	☐	932
2. Acres of pastureland and rangeland fertilized in 1987 reported in section 10, items 2b and 4	☐	933

	None	Tons of lime	Acres limed
3. LIME — tons of lime used and acres on which applied — *(Do not include land plaster or gypsum or lime for sanitation.)*	☐	934	935

SECTION 25 **Were any INSECTICIDES, HERBICIDES, FUNGICIDES, NEMATICIDES, OTHER PESTICIDES, or OTHER CHEMICALS used on this place in 1987?**

S25

1 ☐ YES — ***Complete this section*** 2 ☐ NO — *Go to section 26*

Include any materials provided by you, your landlords, or contractors. For each item listed, report acres only once. If multipurpose chemicals were used, report acreage treated for each purpose.

	None	Acres on which used
1. Sprays, dusts, granules, fumigants, etc., (fungicide, herbicide, insecticide, nematicide) 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. Chemicals for **defoliation** or for **growth control** of crops or **thinning** of fruit	☐	940

SECTION 26 **MACHINERY AND EQUIPMENT on this place on December 31, 1987** — ***Include only equipment used for agricultural operations in 1986 or 1987.***

S26

- **Value of ALL machinery and equipment on this place, December 31, 1987**

1. What is the estimated market value of ALL machinery, equipment, and implements usually kept on this place and used for the farm or ranch business? — *Include cars, trucks, tractors, combines, plows, disks, harrows, dryers, pumps, motors, irrigation equipment, dairy equipment including milkers and bulk tanks, livestock feeders, grinding and mixing equipment, etc.* — Estimated market value: Dollars 943 $ Cents 00

- **SELECTED machinery and equipment on this place, December 31, 1987.** ***(Report only if used in 1986 or 1987.)***

	None	Total number on this place on December 31, 1987	Of the total, HOW MANY were manufactured in the last 5 years (1983 - 1987)?
2. Motortrucks — *Include pickups*	☐	944	945
3. Wheel tractors other than garden tractors and motor tillers —			
a. Less than 40 horsepower (PTO)	☐	946	947
b. 40 horsepower (PTO) or more	☐	948	949
4. Grain and bean combines, all types	☐	950	951
5. Cotton pickers and strippers	☐	956	957
6. Mower conditioners	☐	958	959
7. Pickup balers — *Include rectangle and round balers*	☐	960	961

SECTION 27 **ESTIMATED CURRENT MARKET VALUE OF LAND and BUILDINGS**

S27

Please give your best ESTIMATE of the CURRENT MARKET VALUE of land and buildings for all acres reported in section 1, items 1, 2, and 3, page 1.

	None	Estimated market value of land and buildings: Dollars	Cents
1. All land owned	☐	996 $	00
2. All land rented or leased FROM OTHERS	☐	997 $	00
3. All land rented or leased TO OTHERS	☐	998 $	00

SECTION 28 **INCOME FROM FARM - RELATED SOURCES IN 1987**

S28

Report amount received before taxes and expenses.

	None	Farm-related income: Dollars	Cents
1. Customwork and other agricultural services provided for farmers and others — plowing, planting, spraying, harvesting, preparation of products for market, etc. *(If customwork is a separate business, refer to INFORMATION SHEET, section 28)*	☐	992 $	00
2. Gross cash rent or share payments received from renting out farmland or payments received from lease or sale of allotments — *Include payments for livestock pastured on a per-head basis, per-month basis, per-pound basis, etc.*	☐	993 $	00
3. Sales of forest products and Christmas trees — *Include maple products, naval stores, firewood, etc.*	☐	994 $	00
4. Recreational services, patronage dividends of cooperatives, and other income which is CLOSELY RELATED to the agricultural operation on this place — *Specify* _____	☐	995 $	00

SECTION 29 **PERSON COMPLETING THIS REPORT** — ***Please print***

Name _____ 999 Date _____

Telephone number — Area Code ___ Number ___ - ____

FORM B7-A0213 (9-18-86)

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FORM 87-A01(I)
(12-17-86)

INFORMATION SHEET

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

1987 UNITED STATES CENSUS OF AGRICULTURE

Special Reporting Instructions

1. Who Should Report

WE NEED A REPLY FROM EVERYONE RECEIVING A REPORT FORM, INCLUDING individuals, landlords, tenants, partnerships, corporations, institutions, and THOSE NOT CONDUCTING AGRICULTURAL OPERATIONS. Each case included in the census has a unique Census File Number (CFN). In order to make the census results as complete and accurate as possible, we need to obtain information about every CFN.

2. If You Received More Than One Report Form for an Operation

Complete only ONE report form for an operation. Write "Duplicate" near the address label of each extra report form. Also, write the 11-digit census file number(s) of the DUPLICATE report(s) ON THE COMPLETED REPORT in the space provided to the left of the address label. Return the extra report(s) in the same envelope with your completed report form so that we can correct our records.

3. If You No Longer Farm

If you had agricultural operations **at any time during 1987**, please report all agricultural activity during the year. Report all land on your census form that you owned or rented. Also, report your 1987 crop and livestock production and 1987 sales.

Explain on the first page of the report form (or on a separate sheet of paper) that you quit farming or ranching and give the approximate date and the name and address of the present operator, if known.

4. If You Never Farmed or Have No Association With Agriculture

Please write a note on the report form near the address label explaining this and return the form so that we can correct our records. In our efforts to make the census as complete as possible, we obtained lists from various sources. We tried to eliminate duplicate and nonfarm addresses, however, it was not always possible to do so.

5. If You Have More Than One Agricultural Operation

Complete a report form for EACH SEPARATE and DISTINCT production unit, i.e., each individual farm, ranch, feedlot, greenhouse, etc., or combination of farms, etc., for which you maintain SEPARATE records of operating expenses and sales, livestock and other inventories, crop acreages, and production.

6. If You Have a Partnership Operation

Complete only ONE report for the entire partnership's agricultural operation and include all partners' shares on the one report. If members of the partnership also operate separate farms or ranches in addition to the partnership farming operation, separate report forms should be completed for each individual operation.

If two or more report forms were received for the same operation, mark each additional form as a "Duplicate." Return the duplicate report(s) in the same envelope with the completed partnership report, where possible, or write a note on the duplicate report, such as, *"(Name of partner)* has completed a report for the partnership *(provide name and CFN of partnership.)"*

7. Landlord's or Contractor's Share

If you rented or leased land from others or had a contract for the production of agricultural products, include both your share and the landlord's or contractor's share of the production, sales, and expenses so your census report form will be complete for "THIS PLACE."

If you do not know the landlord's or contractor's share, include your BEST ESTIMATE. If you do not have records available for all data items, use your best estimate.

How to Enter Your Response

Enter your replies in the proper spaces, on the correct lines, and in the units requested, i.e., dollars, bushels, tons, etc. Write any explanation outside the answer spaces or on a separate sheet of paper.

All dollar figures may be entered in whole dollars. CENTS ARE NOT REQUIRED.

Enter whole numbers except where tenths are requested, such as acres of potatoes harvested. If you have 1/2, 1/3, or 1/4 of an acre, convert to tenths. For example, convert 1/2 to 5/10, 1/3 to 3/10, 1/4 to 2/10.

The census report form will contain sections and questions which do not apply to you. When this occurs, mark the "None" or "No" box and go on to the next item or section.

Instructions For Specified Sections

▶ **Section 1 — ACREAGE IN 1987**

Your answers to this section will determine the land **(Acres in "THIS PLACE")** referred to in the rest of the report form.

When answering the acreage questions, include the land associated with your agricultural operations in 1987 whether in production or not. Include all land that you owned or rented during 1987 even if only for part of the year. Do not include any unrelated residential or commercial land.

IF YOU QUIT FARMING DURING 1987 — Complete the report form for the portion of the year that you did farm. Explain on the report form in the space to the left of the address label (or on another sheet of paper) when you stopped farming and include the name and address of the person now using the land.

Report all land in section 1 in whole acres.

Item 1 — All Land Owned — Report all land owned in 1987 whether held under title, purchase contract or mortgage, homestead law, or as heir or trustee of an undivided estate. Include all land owned by you and/or your spouse, or by the partnership, corporation, or organization for which you are reporting.

Item 2 — All Land Rented or Leased FROM OTHERS — Report all land rented by you or your operation even though the landlord may have supplied materials or supervision.

INCLUDE in item 2:

a. Land for agricultural use that you rented from others for cash

b. Land you worked on a share basis (crop or livestock)

c. Land owned by someone else that you used rent-free

d. Federal, State, Indian reservation, or railroad land rented or leased by the acre

DO NOT INCLUDE in item 2:

Land used on a per-head or animal unit license or permit basis, such as section 3 of the Taylor Grazing Act, National Forest, or Indian reservation permit land. If you had any of these permits, mark "yes" to item 7.

Item 3 — All Land Rented or Leased TO OTHERS — Include all land rented out for any purpose if it was part of the acreage reported in items 1 and 2. A report form will be obtained from each of your tenants to cover the operations on that land.

INCLUDE in item 3:

a. Owned land rented to others for cash or a share of crops or livestock

b. Land you rented from someone and then subleased to someone else

c. Land worked for you by someone for a share of crops or livestock

d. Land which you allowed others to use rent-free

Item 4 — Acres in "THIS PLACE" — This figure will show the total of all land you operated at any time in 1987.

If Item 4, Acres in "THIS PLACE" is "0" and:

a. You raised any crops or had any livestock or poultry on **"THIS PLACE"** in 1987, complete the report.

b. All your land was operated by a renter or sharecropper, complete item 6 (name and address of renters), skip to and complete section 29, and explain briefly, "all land rented out," etc. Mail form in return envelope.

c. You did not have any agricultural activity on owned or rented land in 1987, complete section 29 and explain briefly, such as "retired," "sold farm," and date. Give name and address of current operator if known and return form.

▶ **Sections 2 through 8 — CROPS**

Sections 2 through 8 provide space for reporting crops harvested during the 1987 crop year from the land shown in section 1, item 4 (Acres in "THIS PLACE") of your report. Please report your crops in the appropriate sections. Do NOT include any crops grown on land rented or leased TO OTHERS, or worked by others on shares during 1987.

Acres harvested — Enter the acres harvested in 1987. Round fractions to whole acres except where tenths are requested by "/10" in the reporting box, such as for potatoes.

Quantity harvested — If your unit of measure is different than the unit on the report form, please convert your figure for the quantity harvested to the unit requested. If the harvest was incomplete by December 31, 1987, please report the quantity harvested and estimated quantity to be harvested.

Acres irrigated — For each crop irrigated, report number of acres irrigated. Irrigation is defined as land watered by artificial or controlled means — sprinklers, furrows or ditches, spreader dikes, purposeful flooding, etc. Include acres that received supplemental, partial, and/or preplant irrigation. Do not report water applied in transplanting tobacco plants, trees, or vegetables as irrigation. Leave "Acres irrigated" blank for crops that are not irrigated.

How to Report Crops Harvested

▶ **Sections 2 and 3** — Report only for the listed crops.

▶ **Sections 4 through 8** — To report: (1) find the crop name and the code number from the list in the section; (2) enter crop name and code in the first two columns of the first available answer line in the section; (3) enter the information that is requested in the remaining columns. If you harvested a crop not listed in sections 4 through 8, use the "Other" code in the appropriate section and specify the crop name.

Double Cropping — If two or more crops were harvested from the same land (double cropping) report the total acres and production of each harvested crop in the appropriate section(s) of the report form.

Example: In 1987 you harvested 1,230 bushels of wheat from 40 acres, then on the same 40 acres planted soybeans, from which you harvested 1,550 bushels. You irrigated the soybeans but not the wheat.

Section 2 — **Were any of the following CROPS harvested from "THIS PLACE" in 1987?**

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	☐	073 40	074 1,230 Bu.	075
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. No irrigation was used. Thirty acres of soybeans and 30 acres of cotton would be reported in the appropriate section(s).

Skip Row Planting — If a crop is planted in an alternating pattern of planted and non-planted rows, such as two rows planted and two rows skipped (2 X 2), report the portion of the field occupied by the crop in the appropriate section for that crop, and report the skipped portion as "Cropland idle" in section 10, item 2f.

▶ **Section 4 — VEGETABLES** — Report acres of vegetables harvested FOR SALE or commercial processing. Do not include vegetables grown for home use. Report the total acreage of each vegetable crop harvested.

Example: In 1987 you harvested 10 acres of lettuce from a field, then replanted the field in lettuce and harvested the 10 acres again. Both crops of lettuce were irrigated. Enter only 10 acres of land from which vegetables were harvested and 10 acres irrigated in item 1 of section 4, but write in 20 acres of lettuce harvested and 20 acres of lettuce irrigated in item 2 of section 4.

▶ **Section 8 — FRUITS and NUTS** — In counting the combined total of 20 or more trees and vines, include those for home use as well as those maintained for sale of the production. Acres in trees or vines that have been abandoned should not be included; these acres should be included in section 10, item 2f "Cropland idle."

If crops other than fruit and nut trees and vines were interplanted with trees or vines, report the total acres for the orchard crop in section 8 and the total acres of the interplanted crop in the appropriate section.

▶ **Section 9 — GROSS VALUE OF CROPS SOLD**

Report the value of all crops sold from "THIS PLACE" in 1987, regardless of the year they were harvested or who owned the land. Be sure to report gross values before deducting expenses and taxes. Include Government CCC loans received for "THIS PLACE" in 1987. Include payments received in 1987 from cooperatives or marketing organizations for crops produced on "THIS PLACE" regardless of the year in which the crops were harvested.

Also include as sales, your estimate of the value of any crop removed from "THIS PLACE" in trade for services, such as hay cut in exchange for fence repair, clearing, or other services. If the sale price or market value is not known, give your best estimate of the crop's market value when removed from "THIS PLACE."

DO NOT INCLUDE crops or crop products purchased from others and later sold.

▶ **Section 10 — USE OF ACRES IN "THIS PLACE"**

This section is used to classify the acres in "THIS PLACE" reported in section 1, item 4. (Do not include any acres you rented to others reported in section 1, item 3). The sum of the acres entered in various categories should equal total acres in "THIS PLACE."

Land Used for More Than One Purpose — Do not report the same acreage for more than one of the listed purposes. If part or all of your land was used for more than one listed purpose in 1987, report that land only in the first category listed. For example, if you plowed under a cover crop, and planted and harvested a grain crop, report the land in item 2a, "Cropland harvested," but do NOT report as "Cropland used for cover crops, legumes, etc." (item 2c).

Double Cropping — When more than one crop was harvested from the same land in 1987, report that land only ONCE as "Cropland harvested," in item 2a.

Interplanted Crops — If you interplanted crops, such as cotton in an orchard, report the total land used for both crops only ONCE, as "Cropland harvested," in item 2a.

Skip Row Planted Crops — Report the acres that represent the total nonplanted or skipped rows as "Cropland idle," item 2f. The acres that represent the planted rows should be reported as "Cropland harvested," in item 2a.

▶ **Section 12 — ACRES SET ASIDE, DIVERTED, OR IDLED UNDER FEDERAL ACREAGE REDUCTION PROGRAMS IN 1987**

Include in item 2 all acres in "THIS PLACE" retired from production and placed, by long-term contract, into the Conservation Reserve Program. Acres placed into the program during and prior to 1987 should be included.

▶ **Sections 13 through 17 — LIVESTOCK, POULTRY, OTHER LIVESTOCK, OR ANIMAL SPECIALTIES**

Animals and Poultry to Include in the Report — Report all animals, poultry, and animal specialties on "this place" (section 1, item 4) on December 31, 1987. Include all owned by you and any kept by you for others. Include animals on unfenced lands, National Forest land, district land, cooperative grazing association land, or rangeland administered by the Bureau of Land Management on a per-head or lease basis. Animals in transit on December 31, 1987, or animals on a short-term pasture (such as wheat pasture or crop residue) on a per-head or lease basis should be reported by the person who had control of the animals.

Animals and Poultry to Exclude from the Report — Do not report animals or poultry kept on land rented to others or kept under a share arrangement on land rented to others. Do not include animals quartered in feedlots which are not a part of "this place." Animals kept on a place not operated by you are to be included on the report for that place.

Animals Bought and Sold — DO NOT REPORT ANY ANIMALS BOUGHT AND THEN RESOLD WITHIN 30 DAYS. Such purchases and sales are considered "dealer" transactions, and are not included in this census.

Number Sold — Report all animals and poultry sold or removed from "this place" in 1987, without regard to ownership or who shared in the receipts. Include animals sold for a landlord or given to a landlord or others in trade or in payment for goods or services. Do NOT report number sold for any livestock or poultry kept on another place.

Dairy Termination Program or "Whole-Herd Dairy Buy-Out Program" — The amount received in 1987 from the Government under the dairy termination program should be included in section 19, item 1. Dairy animals and products sold in 1987 should be reported in section 13.

Animals Moved to Another Place — For animals moved from "this place" to another place, such as for further feeding, report animals as "sold" and give your best estimate of their market value when they left "this place."

Fat Cattle Sold — Cattle fattened on grain or concentrates for 30 days or more and sold for slaughter are reported in section 13, item 3a.

DO NOT INCLUDE WITH FATTENED CATTLE SOLD:

a. Cattle and calves sold for further feeding

b. Veal calves, or any calves weighing less than 500 pounds

c. Dairy cows fed only the usual dairy ration before being sold

Value of Sales — Report the total gross value of animals and poultry sold or removed from "this place" in 1987 without deducting production or marketing expenses (cost of feed, cost of livestock purchased, cost of hauling and selling, etc.). If the sale price or market value is not known, give your best estimate of their market value when they left "this place." Do NOT report the value of sales of any livestock and poultry owned by you but kept and sold from a place you did not operate.

Contract and Custom Feeding Operations — Livestock or poultry kept by you on "this place" on a contract or custom basis should be included on this report REGARDLESS OF OWNERSHIP. Report as "INVENTORY" numbers of animals or poultry on the place on December 31, 1987. Report as "SOLD" animals and poultry kept on a contract or custom basis and removed or sold from the place in 1987. If the sale price or market value is not known, give your best estimate of the market value of the animals or poultry when they left the place.

▶ Section 16 — HORSES, BEES, FISH, GOATS, OTHER LIVESTOCK, OR ANIMAL SPECIALTIES

Item 2 — If you owned BEES — Report all colonies or hives of bees and honey operations conducted by you, regardless of where the hives were kept most of the year. Report hives or colonies, pounds of honey sold, and value of sales.

Items 7 and 8 — Mink pelts and rabbit pelts should be included in number sold and value of sales, but not in inventory.

Item 9 — Other Livestock and Livestock Products — Include in all other livestock and livestock products manure, beeswax, and any other animal products sold from "this place" in 1987. Please indicate units used in reporting.

Item 10 — Fish and Other Aquaculture Products — Report number of pounds sold and gross value of sales for each. Enter name and code from list.

▶ Section 17 — POULTRY

The person who furnished the housing and labor should report the poultry operation on his/her report form regardless of who owns the birds. Report as sold poultry that were taken or moved from the place in 1987.

▶ Section 18 — AMOUNT RECEIVED FROM GOVERNMENT CCC LOANS

Item 1 — Report the amount received under the regular or reserve program for commodities placed under CCC loan during 1987. Include amount received even if commodity was redeemed or forfeited prior to December 31, 1987.

Do not include CCC loans received to build crop storage facilities or amount received for storage payments in the reserve program.

▶ Section 19 — FEDERAL PAYMENTS RECEIVED

Report all payments received from Federal Farm Programs in 1987 regardless of whether payment was made in cash or commodity certificates. Include cash payments in item 1. In item 2, include the value of any certificates held or the value received from sale or redemption of any certificates in 1987.

Federal payments include receipts from Federal programs such as deficiency payments, "Whole-herd dairy buy-out," support price payments, indemnity programs, disaster payments, paid land diversion, inventory reduction payments, payments received for approved soil and water conservation projects, etc.

▶ Section 20 — TYPE OF ORGANIZATION

Use the following definitions to determine the type of organization for your operation:

Family or Individual Operation — Defined as farm or business organization controlled and operated by an individual (sole proprietor). Include family operations that are not incorporated and not operated under a partnership agreement.

Partnership Operation — Defined as two or more persons who have agreed on the amount of their contribution (capital and effort) and the distribution of profits. Co-ownership of land by husband and wife or joint filing of income tax forms by husband and wife DOES NOT constitute a partnership, unless a specific agreement to share contributions, decisionmaking, profits, and liabilities exists. Production under contract or under a share rental agreement DOES NOT constitute a partnership.

Incorporated Under State Law — A corporation is defined as a legal entity or artificial person created under the laws of a State to carry on a business. This definition does not include cooperatives. Information on type of corporation should be reported in section 21.

Other — Such as cooperatives (defined as an incorporated or unincorporated enterprise or an association created and formed jointly by the members), estate or trust (defined as a fund of money or property administered for the benefit of another individual or organization), prison farm, grazing association, Indian reservation, institution run by a government or religious entity, etc.

▶ Section 21 — CORPORATE STRUCTURE

This section is to be answered by corporations only. Answer both items. A family-held corporation has more than 50 percent of its stock owned by persons related by blood or marriage.

▶ Section 22 — CHARACTERISTICS AND OCCUPATION OF OPERATOR

This section collects information about the operator of "this place" defined as the individual owner, the operator, the senior partner, or person in charge for the type of organization reported in section 20.

For Family or Individual Operation — Complete this section for the operator.

For Partnership Operations — Answer all items, except item 2, for the "Senior Partner." The "Senior Partner" is the individual who is mainly responsible for the agricultural operations on "this place," not necessarily the person senior in age. If each partner shares equally in the day-to-day management decisions, consider the oldest as the "Senior Partner." For item 2 (Principal Occupation) consider all members of the partnership together. Please include as "farming" worktime at all types of agricultural enterprises, including work at greenhouses, nurseries, mushroom production, ranching, feedlots, broiler feeding, etc.

For Corporations and Other Operations (Cooperatives, Estates, etc.) — Complete section 22 for the person in charge, such as a hired manager, business manager, or other person primarily responsible for the on-site, day-to-day operation of the farm or ranch business.

Item 4 — Year Began Operation — Report the first year the operator or senior partner began to operate any part of "this place" on a continuous basis. If the operator returned to a place previously operated, report the year operations were resumed.

▶ Section 23 — PRODUCTION EXPENSES paid by you and others for "this place" in 1987

Include farm production expenses paid by you, your landlord, contractors, or anyone else for crops, livestock, or poultry produced on "this place." Include expenses incurred in 1987 even if they were not paid for in 1987. Please estimate if exact figures are not known. Refer to the individual expenditure items below for further explanations.

Livestock and Poultry Purchased — Report the cost of cattle, calves, hogs, pigs, sheep, lambs, horses, goats, chicks, pullets, poults, etc., including breeding stock and dairy cows. Contract growers or custom feeders who did not own or purchase the livestock or poultry themselves should estimate the value of the cattle, calves, pigs, baby chicks, pullets, etc. at the time they came onto the place.

Feed Purchased for Livestock and Poultry — Report the purchase cost of corn, sorghum, oats, barley, other grains, silage, hay, mixed feed, concentrates, etc., fed to livestock and poultry on "this place." Contract livestock and poultry growers should estimate the value of feed provided by the contracting company. Custom feedyards should include feed costs for all cattle fed even if the owners of the cattle were billed for the feed. Feed raised on "this place" should not be reported as purchased.

Cost of Hired Farm and Ranch Labor — Include gross salaries and wages, commissions, dismissal pay, vacation pay, and paid bonuses paid to hired workers, family members, hired managers, administrative and clerical employees, and salaried corporate officers. Also, include supplemental cost for benefits such as employer's social security contributions, unemployment compensation, workmen's compensation insurance, life and medical insurance, pension plans, etc.

Contract Labor — Includes the labor costs of workers furnished on a contract basis by a labor contractor, crew leader, or cooperative for harvesting vegetables or fruit, shearing sheep, or similiar farm activities. Do not include costs for building or repair work done by a construction contractor. Include the cost of customwork or machine hire in item 11.

Repair and Maintenance Expenses for the Upkeep of Buildings, Motor Vehicles, and Farm Equipment — Include the cost of repairs and upkeep of farm machinery, vehicles, buildings, fences, and other equipment used in the farm business. Do not include repairs to vehicles not used in the farm business or for equipment used only for performing customwork for others. Do not include expenditures for the construction of new buildings or the cost of additions to existing buildings.

Interest Expense Paid on Debts — Report all interest expenses paid in 1987 for the farm business. Include interest on loans secured by land and buildings (real estate) in item 12a. Include all loans not secured by real estate such as for fertilizer, feed, and seed in item 12b. Include interest paid on CCC loans. Do not include interest associated with activities not related to production of crops or livestock on "this place" such as land or buildings rented to others, packing sheds, or feed mills that provide services to others. Do not include interest on owner/operator dwelling where amount is separated from interest on other land and buildings on "this place."

Cash Rent Paid for Land and Buildings In 1987 — Report rent paid in cash during 1987 for land and buildings in "this place." Do not include rent paid for operator dwelling or other nonfarm property. Do not include the value of shares of crops or livestock paid to landlords.

Property Taxes Paid — Include real estate property taxes you paid on the acres and buildings you operated and used in the farm business.

Do not include:

a. Property taxes on land or buildings rented to someone else

b. Taxes paid by landlords

c. Property taxes paid on other property not associated with the farm business

d. Income and excise taxes

All Other Production Expenses — Farm production costs not previously listed should be reported here. In addition to items listed on the report form, include bookkeeping charges, tax preparation fees, postage, advertising, commission for sale of cattle, and fees paid for farm-related advice or for farm consultants. Do not include depreciation or expenditures for the purchase of land and buildings or new or used machinery.

▶ Section 24 — COMMERCIAL FERTILIZER AND LIME

Report acres on which commercial fertilizer (items 1 and 2) or lime (item 3) was applied during 1987. If any acreage was fertilized or limed more than once, report acres ONLY ONCE in each item. Report expense for commercial fertilizer purchased, excluding lime, in section 23, item 4.

▶ Section 26 — MACHINERY AND EQUIPMENT

The estimated market value in item 1 refers to ALL machinery and equipment kept primarily on "this place" and used for the farm business. Report the value in its present condition, not the replacement or depreciated value. Specialized equipment, which is an integral part of a building, should be included as a part of the value of land and buildings.

▶ Section 27 — ESTIMATED CURRENT MARKET VALUE OF LAND AND BUILDINGS

The value for each of the three listed categories should be your estimate of the value of the land and buildings if they were sold in the current market. The real estate tax assessment value should not be used unless that value represents a full market value assessment and the land and buildings could reasonably be assumed to be sold at that price. Do not deduct real estate marketing charges from your estimate. Report the total value, not the value on a per acre basis.

▶ Section 28 — INCOME FROM FARM—RELATED SOURCES IN 1987

Item 1 through 4 refer only to those income producing activities for which you use part of the land, machinery, equipment, labor, or capital normally used on "this place," and which you do not consider as entirely separate from your farming activities. Report gross amounts received before taxes and expenses.

Item 1 — Customwork — Do not report income for customwork or agricultural services provided to others if operated as an entirely separate business from your agricultural operations.

Item 2 — Rental Income — Do not include rental income from nonfarm property.

Item 3 — Forest Products — Include only those forest products or Christmas trees cut from "this place," not items cut from other nonfarm timber acreage. Do not include income from saw mill business.

Item 4 — Other Farm-Related Income — Include income from hunting leases, fishing fees, and other recreational services, sales of farm by-products, and other business or income closely related to the agricultural operation on "this place." Include dividends for business done with farmer-owned cooperatives. Do not enter previously reported farm sales or income from investments not associated with the farm. Do not include retirement pensions or social security benefits received.

☆ U.S. GOVERNMENT PRINTING OFFICE: 1987 — 548-108/081

DUE BY FEBRUARY 1, 1988

OMB No. 0607-0534: Approval Expires September 30, 1989

FORM 87-A0400 (3-13-87)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

AG CENSUS USA

UNITED STATES CENSUS OF AGRICULTURE

NOTICE — Response to this inquiry is required by law (title 13, U.S. Code). By the same law YOUR REPORT TO THE CENSUS BUREAU IS CONFIDENTIAL. It may be seen only by sworn Census employees and may be used only for statistical purposes. Your report CANNOT be used for purposes of taxation, investigation, or regulation. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this report, please refer to your Census File Number (CFN)

87-A0400

Please correct errors in name, address, and ZIP Code. ENTER street and number if not shown.

Please complete this form and RETURN TO:

BUREAU OF THE CENSUS
1201 East Tenth Street
Jeffersonville, IN 47133

Note — If your records are not available, reasonable estimates may be used. If you cannot file by February 1, a time extension request may be sent to the above address. Include your 12-character Census File Number (CFN) as shown in your address label in all correspondence to us.

If you received more than one report form, enter extra Census File Number(s) here and return extra copies with your completed report.

A ___ — ___

A ___ — ___

CENSUS USE ONLY				
	035	036	037	038
	039	040	041	042

SECTION 1

1. At any time during 1987, did you plant, grow, or have any:
   - Hay or tobacco?
   - Corn, wheat, or other grains?
   - Other crops?
   - Fruit, nut, or citrus trees; grapevines?
   - Vegetables, melons, or berries?
   - Greenhouse or nursery crops?

   ☐ Yes ☐ No

2. At any time during 1987, did you raise, sell, or keep any:
   - Cattle, hogs, sheep, or goats?
   - Chickens or other poultry?
   - Bees?
   - Horses or ponies?
   - Fish in captivity?
   - Other animal specialties?

   ☐ Yes ☐ No

If you answered YES to EITHER of these questions, go to SECTION 2.
If you answered NO to BOTH of these questions, go to SECTION 10.

SECTION 2 — ACREAGE IN 1987

Report land owned, rented, or used by you, your spouse, or by the partnership, corporation, or organization for which you are reporting. Include ALL LAND, REGARDLESS OF LOCATION OR USE — cropland, pastureland, rangeland, woodland, idle land, house lots, etc.

	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 basis under a grazing permit.)	☐	044
3. All land rented or leased TO OTHERS, including land worked on shares by others and land subleased. Also complete item 5 below.	☐	045
4. **Acres in "THIS PLACE"** — ADD acres owned (item 1) and acres rented (item 2), then SUBTRACT acres rented TO OTHERS (item 3), and enter the result in this space. →		046

If the entry is zero please refer to the Information Sheet, section 2.

5. Of the land you rented or leased to others, how many acres did you own? ☐ None 053 _____ Acres

6. In what county was the largest value of your agricultural products raised or produced?	County name	State

SECTION 3 — LAND USE and IRRIGATION

• PART A — How were the ACRES in this place used in 1987?

	None	Number of acres
1. 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
2. Cropland on which all crops failed — *(Exception: Do not report here land in orchards and vineyards on which the crop failed.)*	☐	790
3. Cropland idle, cropland used for cover crops, or cropland in cultivated summer fallow	☐	793
4. Cropland used only for pasture, woodland pastured, and other pastureland and rangeland	☐	796
5. All other woodland, wasteland, houselots, etc. not reported in items 1 through 4 above	☐	797

• PART B — IRRIGATION

	None	Number of acres irrigated
1. How many acres of harvested land were irrigated? *Include land from which hay was cut and land in bearing and nonbearing fruit and nut crops.*	☐	680
2. How many acres of pastureland, rangeland, and any other lands not included in item 1 above were irrigated?	☐	681

SECTION 4

• PART A — CROPS HARVESTED from "THIS PLACE" in 1987.

(Do not include crops grown on land rented to others.)

	None	Acres harvested	Quantity harvested	Gross value of crops sold: Dollars	Cents
1. Hay crops —					
a. Alfalfa and alfalfa mixtures	☐	103	104 Tons, dry	782 $	00
b. Small grain hay	☐	106	107 Tons, dry	782 $	00
c. Wild hay	☐	112	113 Tons, dry	782 $	00
d. Other hay — *Specify kind* _____	☐	109	110 Tons, dry	782 $	00
2. Corn for grain or seed	☐	067	068 Bu.	773 $	00
3. Soybeans for beans	☐	088	089 Bu.	775 $	00
4. Wheat for grain	☐	073	074 Bu.	774 $	00
5. Tobacco — all types	☐	094 /10	095 Lbs.	781 $	00
6. Potatoes, Irish — *(Do not include those grown for home use.)*	☐	097 /10	098 Cwt.	785 $	00

	None	Total acres	Dollars	Cents
7. All vegetables for sale *(Do not include those grown for home use.)*	☐	375 /10	783 $	00
Specify kind(s)		/10		
		/10		

	None	Total acres	Quantity harvested	Dollars	Cents
8. All fruit and nut orchards, vineyards, and berries	☐	121 /10		784 $	00
Specify kind(s)		/10	3 Lbs.		
		/10	3 Lbs.		

9. Other crops — *For additional crops, enter the crop name and code from the list below. Report quantity harvested in the unit specified with crop name.*

Crop name	Code	Acres harvested	Quantity harvested	Gross value of crops sold: Dollars	Cents
			1	2 $	00
			1	2 $	00

If more space is needed, use a separate sheet of paper.

Crop name	Code	Crop name	Code
Barley for grain (bushels)	079	Oats for grain (bushels)	076
Corn for silage or green chop (tons, green)	070	Sorghum for grain-milo (bushels)	082
Cotton (bales)	091	Other crops (pounds) — *Specify*	752

• PART B — NURSERY and GREENHOUSE CROPS GROWN FOR SALE on "THIS PLACE" in 1987

From the list below, enter the crop name and code for each crop grown.

Crop name	Code	Square feet under glass or other protection	Acres in the open in 1987: Whole acres	Tenths	Sales in 1987: Dollars	Cents
			1	/10	2 $	00

If more space is needed, use a separate sheet of paper.

Crop name	Code	Crop name	Code
Bedding plants (include vegetable plants)	479	Potted flowering plants	710
Cut flowers and cut florist greens	485	Foliage plants	707
Nursery crops — ornamentals, fruit and nut trees, and vines	488	Greenhouse vegetables	503
		Other — *Specify*	506

PENALTY FOR FAILURE TO REPORT

CONTINUE ON REVERSE SIDE →

SECTION 5 LIVESTOCK and POULTRY

• PART A — CATTLE and CALVES

	None	INVENTORY Number on this place Dec. 31, 1987
1. CATTLE and CALVES of all ages	☐	803 Total
a. BEEF COWS — *Include beef heifers that had calved.*	☐	804 Beef cows
b. MILK COWS kept for production of milk or cream for sale or home use — *Include dry milk cows and milk heifers that had calved.*	☐	805 Milk cows

	None	Gross value of sales Dollars	Cents
2. Value of DAIRY PRODUCTS sold in 1987 – *Include milk, cream, butter, etc.*	☐	814 $	00

• CATTLE and CALVES SOLD FROM THIS PLACE IN 1987
Include as sold cattle moved from this place to a feedlot for further feeding.

	None	Number sold in 1987	Gross value of sales Dollars	Cents
3. Calves less than 500 pounds	☐	808	809 $	00
4. Cattle – *Include calves 500 pounds or more*	☐	810	811 $	00
a. Of ALL cattle sold, how many were FATTENED on this place on GRAIN or CONCENTRATES for 30 days or more and SOLD for SLAUGHTER?	☐	812	813 $	00

• PART B — HOGS and PIGS

	None	INVENTORY Number on this place Dec. 31, 1987
1. HOGS and PIGS of all ages	☐	815 Total
a. HOGS and PIGS used or to be used for breeding	☐	816 Breeding

	None	Number sold in 1987	Gross value of sales Dollars	Cents
2. HOGS and PIGS SOLD from this place in 1987	☐	820	821 $	00
3. Of the hogs and pigs sold, how many were sold as FEEDER PIGS for further feeding?	☐	822	823 $	00

• PART C — SHEEP and LAMBS

	None	INVENTORY Number on this place Dec. 31, 1987	NUMBER SOLD in 1987
1. SHEEP and LAMBS of all ages	☐	824	825
a. EWES 1 year old or older	☐	826	

	None	827 Number	828 Pounds wool
2. SHEEP and LAMBS SHORN in 1987	☐		

	None	Gross value of sales Dollars	Cents
3. What was the gross value of sales of SHEEP, LAMBS, and WOOL from this place in 1987?	☐	829 $	00

• PART D — POULTRY

	None	INVENTORY Number on this place Dec. 31, 1987	Number sold in 1987
1. HENS and PULLETS			
a. HENS and PULLETS of laying age	☐	892	893
b. PULLETS 3 months old or older not yet of laying age for layer replacement	☐	894	895
c. PULLETS under 3 months old for layer replacement	☐	896	
2. BROILERS, fryers, other meat-type chickens	☐	898	899
3. TURKEYS for slaughter *(Do not include breeders.)*	☐	900	901
4. OTHER POULTRY *(Enter name/code from below.)*			1

Poultry name _____ Code ____

Name/code		Name/code		Name/code	
Turkey hens kept for breeding	902	Geese	906	Quail	912
Ducks	904	Pigeons or squab	908	All other poultry — *Specify*	914
		Pheasants	910		

	None	Gross value of sales Dollars	Cents
5. Value of POULTRY and POULTRY PRODUCTS (eggs, etc.) sold from this place in 1987?	☐	918 $	00

• PART E — HORSES, OTHER LIVESTOCK, ANIMAL SPECIALTIES, and FISH

	None	INVENTORY Number on this place Dec. 31, 1987	Total quantity sold in 1987	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 livestock, fish, animal products. *(Enter name/code from below.)*			1 Quantity	2 $	00

Name _____ Code ____

Name/code		Name/code		Name/code	
Mules, burros, donkeys	833	Rabbits and their pelts	854	Other livestock, fish, and their products	857
Mink and their pelts	836	Other goats	851		

SECTION 6 GOVERNMENT CCC LOANS

Amount received in 1987 from Government CCC loans. *Include regular and reserve loans, even if redeemed or forfeited.* None ☐

Dollars	Cents
886 $	00

Specify crop(s) _____

SECTION 7 Payments received for participation in FEDERAL FARM PROGRAMS in 1987 *(DO NOT INCLUDE CCC loans.)*

	None	Dollars	Cents
1. Amount received in cash	☐	884 $	00
2. Value of certificates received — payment-in-kind (PIK) or commodity certificates	☐	885 $	00

SECTION 8 Acres in this place SET ASIDE, DIVERTED, or IDLED under FEDERAL acreage reduction programs in 1987

	None	Number of acres
1. How many acres were set aside (or diverted) under ANNUAL commodity acreage adjustment programs?	☐	882
2. How many acres were under the CONSERVATION RESERVE PROGRAM (10 year, CRP)?	☐	883

SECTION 9 CHARACTERISTICS and OCCUPATION OF OPERATOR (Senior partner or person in charge)

1. RESIDENCE — Does the operator 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 1987? *For partnerships consider all members of the partnership together.* 928 ☐1 Farming ☐2 Other or ranching

3. OFF-FARM WORK — How many days did the operator work at least 4 hours per day **off** this place in 1987? — *Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.)* 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 begin to operate any part of this place? 060 _____ Year

5. AGE of operator 925 _____ Years old

6. RACE of operator 924
   - ☐1 White
   - ☐2 Negro or Black
   - ☐3 American Indian
   - ☐4 Asian or Pacific Islander
   - ☐5 Other — *Specify* _____

7. SEX of operator 926 ☐1 Male ☐2 Female

8. SPANISH ORIGIN — Is the operator of Spanish origin or descent (Mexican, Puerto Rican, Cuban, or other Spanish)? 927 ☐1 Yes ☐2 No

SECTION 10 PERSON COMPLETING THIS REPORT — *Please print*

Name	999 Date
Telephone number — Area code ___ Number ___ - ____	

FORM 87-A0400 (3-13-87)

FORM 87-A04(I)
(3-31-87)

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

INFORMATION SHEET
1987 UNITED STATES CENSUS OF AGRICULTURE

Special Reporting Instructions

1. Who Should Report

WE NEED A REPLY FROM EVERYONE RECEIVING A REPORT FORM, INCLUDING individuals, landlords, tenants, partnerships, corporations, institutions, and THOSE NOT CONDUCTING AGRICULTURAL OPERATIONS. Each case included in the census has a unique Census File Number (CFN). In order to make the census results as complete and accurate as possible, we need to obtain information about every CFN.

2. If You Received More Than One Report Form for an Operation

Complete only ONE report form for an operation. Write "Duplicate" near the address label of each extra report form. Also, write the 11-digit census file number(s) of the DUPLICATE report(s) ON THE COMPLETED REPORT in the space provided to the left of the address label. Return the extra report(s) in the same envelope with your completed report form so that we can correct our records.

3. If You No Longer Farm

If you had agricultural operations at any time during 1987, please report all agricultural activity during the year. Report all land on your census form that you owned or rented. Also, report your 1987 crop and livestock production and 1987 sales.

Explain on the first page of the report form (or on a separate sheet of paper) that you quit farming or ranching and give the approximate date and the name and address of the present operator, if known.

4. If You Never Farmed or Have No Association With Agriculture

Please write a note on the report form near the address label explaining this and return the form so that we can correct our records. In our efforts to make the census as complete as possible, we obtained lists from various sources. We tried to eliminate duplicate and nonfarm addresses, however, it was not always possible to do so.

5. If You Have More Than One Agricultural Operation

Complete a report form for EACH SEPARATE and DISTINCT production unit, i.e., each individual farm, ranch, feedlot, greenhouse, etc., or combination of farms, etc., for which you maintain SEPARATE records of operating expenses and sales, livestock and other inventories, crop acreages, and production.

6. If You Have a Partnership Operation

Complete only ONE report for the entire partnership's agricultural operation and include all partners' shares on the one report. If members of the partnership also operate separate farms or ranches in addition to the partnership farming operation, separate report forms should be completed for each individual operation.

If two or more report forms were received for the same operation, mark each additional form as a "Duplicate." Return the duplicate report(s) in the same envelope with the completed partnership report, where possible, or write a note on the duplicate report, such as, "*(Name of partner)* has completed a report for the partnership *(provide name and CFN of partnership.)*"

7. Landlord's or Contractor's Share

If you rented or leased land from others or had a contract for the production of agricultural products, include both your share and the landlord's or contractor's share of the production, sales, and expenses so your census report form will be complete for "THIS PLACE."

If you do not know the landlord's or contractor's share, include your BEST ESTIMATE. If you do not have records available for all data items, use your best estimate.

8. How to Enter Your Response

Enter your replies in the proper spaces, on the correct lines, and in the units requested, i.e., dollars, bushels, tons, etc. Write any explanation outside the answer spaces or on a separate sheet of paper. All dollar figures may be entered in whole dollars. CENTS ARE NOT REQUIRED.

Enter whole numbers except where tenths are requested, such as acres of potatoes harvested. If you have 1/2, 1/3, or 1/4 of an acre, convert to tenths. For example, convert 1/2 to 5/10, 1/3 to 3/10, 1/4 to 2/10.

The census report form will contain sections and questions which do not apply to you. When this occurs, mark the "None" or "No" box and go on to the next item or section.

Instructions For Specified Sections

► Section 2 — ACREAGE IN 1987

Your answers to this section will determine the land **(Acres in "THIS PLACE")** referred to in the rest of the report form.

When answering the acreage questions, include the land associated with your agricultural operations in 1987 whether in production or not. Include all land that you owned or rented during 1987 even if only for part of the year. Do not include any unrelated residential or commercial land.

Report all land in section 2 in whole acres.

Item 1 — All Land Owned — Report all land owned in 1987 whether held under title, purchased contract or mortgage, homestead law, or as heir or trustee of an undivided estate. Include all land owned by you and/or your spouse, or by the partnership, corporation, or organization for which you are reporting.

Item 2 — All Land Rented or Leased FROM OTHERS — Report all land rented by you or your operation even though the landlord may have supplied materials or supervision.

INCLUDE in item 2:

a. Land for agricultural use that you rented from others for cash

b. Land you worked on a share basis (crop or livestock)

c. Land owned by someone else that you used rent-free

d. Federal, State, Indian reservation, or railroad land rented or leased by the acre

DO NOT INCLUDE in item 2:

Land used on a per-head or animal unit license or permit basis, such as section 3 of the Taylor Grazing Act, National Forest, or Indian reservation permit land.

Item 3 — All Land Rented or Leased TO OTHERS — Include all land rented out for any purpose if it was part of the acreage reported in items 1 and 2. A report form will be obtained from each of your tenants to cover the operations on that land.

INCLUDE in item 3:

a. Owned land rented to others for cash or a share of crops or livestock

b. Land you rented from someone and then subleased to someone else

c. Land worked for you by someone for a share of crops or livestock

d. Land which you allowed others to use rent-free

Item 4 — Acres in "THIS PLACE" — This figure will show the total of all land you operated at any time in 1987.

If item 4, Acres in "THIS PLACE" is "0" and:

a. You raised any crops or had any livestock or poultry on "THIS PLACE" in 1987, complete the report.

b. All your land was operated by a renter or sharecropper, skip to and complete section 10, and explain briefly, "All land rented out," etc. Mail form in return envelope.

c. You did not have any agricultural activity on owned or rented land in 1987, complete section 10 and explain briefly, such as "retired," "sold farm," and date. Give name and address of current operator if known and return form.

► Section 3 — LAND USE AND IRRIGATION

This section is used to classify the acres in "THIS PLACE" reported in section 2, item 4. Do not include any acres you rented to others reported in section 2, item 3. The sum of the acres entered in various categories should equal total acres in "THIS PLACE."

Land Used for More Than One Purpose — Do not report the same acreage for more than one of the listed purposes. If part or all of your land was used for more than one listed purpose in 1987, report that land only in the first category listed. For example, if you harvested a crop and later used the same land for pasture, report the land in part A, item 1, "Cropland harvested."

Double Cropping — When more than one crop was harvested from the same land in 1987, report that land only ONCE as "Cropland harvested," in part A, item 1 of this section.

Interplanted Crops — If you interplanted crops, such as cotton in an orchard, report the total land used for both crops only ONCE, as "Cropland harvested," in part A, item 1.

Skip Row Planted Crops — Report the acres that represent the total nonplanted or skipped rows as "Cropland idle," part A, item 3, the acres that represent the planted rows should be reported as "Cropland harvested," part A, item 1.

Irrigation is defined as land watered by artificial or controlled means — sprinklers, furrows or ditches, spreader dikes, purposeful flooding, etc. Include acres that receive supplemental, partial, and/or preplant irrigation. Do not report water applied in transplanting tobacco plants, trees, or vegetables as irrigation.

► Section 4 — CROPS

This section provides space for reporting crops harvested during the 1987 crop year from the land shown in section 2, item 4 (Acres in "THIS PLACE") of your report. A few crops are already listed on the form. For these crops, just report acres harvested, quantity harvested, and value of sales. If you produced crops not listed, write the name of the crop and code from the list provided and report the acres harvested, quantity harvested, and the value of sales.

DO NOT INCLUDE:

a. Any crops grown on land rented or leased TO OTHERS, or worked by others on shares during 1987.

b. Crops or crop products purchased from others and later sold.

Acres Harvested — Enter the acres harvested in 1987. Round fractions to whole acres except where tenths are requested by "/10" in the reporting box, such as potatoes.

Quantity Harvested — If your unit of measure is different than the unit on the report form, please convert your figure for the quantity harvested to the unit requested. If the harvest was incomplete by December 31, 1987, please report the quantity harvested and the estimated quantity to be harvested.

Gross Value of Crops Sold — Report the value of all crops sold from "THIS PLACE" in 1987, regardless of the year they were harvested or who owned the land. Be sure to report gross value before deducting expenses and taxes. Include Government CCC loans received for "THIS PLACE" in 1987. Include payments received in 1987 from cooperatives or marketing organizations for crops produced on "THIS PLACE."

Item 7 — Vegetables — Report acres of vegetables harvested FOR SALE or commercial processing. Do not include vegetables grown for home use. Report the total acreage of each vegetable crop harvested.

Item 8 — Fruit Orchards, Citrus, Vineyards, and Nut Trees — Report only if total of 20 or more trees and vines, include those for home use as well as those maintained for sale of their production. Acres in trees and vines that have been abandoned should not be included, these acres should be included in section 3, part A, item 3 "Cropland idle."

If crops other than fruit and nut trees and vines were interplanted with trees or vines, report the total acres for the orchard crop in item 8 and the total acres of the interplanted crop in the appropriate item.

Item 9 — Other Crops — To report: (1) find the crop name and the code number from the list under item 9; (2) enter crop name and code in the first two columns of the first available answer line under item 9; (3) enter the information that is requested in the remaining columns. If you harvested a crop not listed, use the "OTHER" code and specify the crop name. If you need additional space, use a separate sheet of paper to write the crop name(s), acres and quantity harvested, and gross value of crop(s) sold.

► Section 5 — LIVESTOCK, POULTRY, OTHER LIVESTOCK, OR ANIMAL SPECIALTIES

Parts A, B, C, and D — LIVESTOCK AND POULTRY

Animals and Poultry to Include in the Report — Report all animals, poultry, and animal specialties on "this place" (section 2, item 4) on December 31, 1987. Include all owned by you and any kept by you for others. Include animals on unfenced lands, National Forest land, district land, cooperative grazing association land, or rangeland administered by the Bureau of Land Management on a per-head or lease basis. Animals in transit on December 31, 1987, or animals on a short-term pasture (such as wheat pasture or crop residue) on a per-head or lease basis should be reported by the person who had control of the animals.

Animals and Poultry to Exclude from the Report — Do not report animals or poultry kept on land rented to others or kept under a share arrangement on land rented to others. Do not include animals quartered in feedlots which are not a part of "this place." Animals kept on a place not operated by you are to be included on the report for that place.

Animals Bought and Sold — DO NOT REPORT ANY ANIMALS BOUGHT AND THEN RESOLD WITHIN 30 DAYS. Such purchases and sales are considered "dealer" transactions, and are not included in this census.

Number Sold — Report all animals and poultry sold or removed from "this place" in 1987, without regard to ownership or who shared in the receipts. Include animals sold for a landlord or given to a landlord or others in trade or in payment for goods or services. Do NOT report number sold for any livestock or poultry kept on another place.

Dairy Termination Program or "Whole-Herd Dairy Buy-Out Program" — The amount received in 1987 from the Government under the dairy termination program should be included in section 7, item 1. Dairy cattle and calves sold should be reported in section 5, part A.

Animals Moved to Another Place — For animals moved from "this place" to another place, such as for further feeding, report animals as "sold" and give your best estimate of their market value when they left "this place."

Fat Cattle Sold — Cattle fattened on grain or concentrates for 30 days or more and sold for slaughter are reported in section 5, part A, item 4a.

DO NOT INCLUDE WITH FATTENED CATTLE SOLD:

a. Cattle and calves sold for further feeding

b. Dairy cows fed only the usual dairy ration before being sold

c. Veal calves, or any calves weighing less than 500 pounds

Value of Sales — Report the total gross value of animals and poultry sold or removed from "this place" in 1987 without deducting production or marketing expenses (cost of feed, cost of livestock purchase, cost of hauling and selling, etc.). If the sale price or market value is not known, give your best estimate of their market value when they left "this place." Do NOT report the value of sales of any livestock and poultry owned by you but kept and sold from a place you did not operate.

Contract and Custom Feeding Operations — Livestock or poultry kept by you on "this place" on a contract or custom basis should be included on this report REGARDLESS OF OWNERSHIP. Report as "INVENTORY" numbers of animals or poultry on the place on December 31, 1987. Report as "SOLD" animals and poultry kept on a contract or custom basis and removed or sold from the place in 1987. If the sale price or market value is not known, give your best estimate of the market value of the animals or poultry when they left the place.

The person who furnished the housing and labor should report the poultry operation on his/her report form regardless of who owned the birds. Report as sold the number of poultry that were taken or moved from the place in 1987.

Part E — HORSES, OTHER LIVESTOCK, ANIMAL SPECIALTIES, AND FISH

If you owned BEES — Report all colonies or hives of bees and honey operations conducted by you, regardless of where the hives were kept most of the year. Report hives or colonies, pounds of honey sold, and value of sales.

Other Livestock and Livestock Products — Include in all other livestock and livestock products manure, beeswax, and any other animal products sold from "this place" in 1987. Mink pelts and rabbit pelts should be included in number sold and value of sales, but not in inventory.

Fish and Other Aquaculture Products — Report quantity sold and gross value of sales for each.

► Section 6 — AMOUNT RECEIVED FROM GOVERNMENT CCC LOANS

Item 1 — Report the amount received under the regular or reserve program for commodities placed under CCC loan during 1987. Include amount received even if commodity was redeemed or forfeited prior to December 31, 1987.

Do not include CCC loans received to build crop storage facilities or amount received for storage payments in the reserve program.

► Section 7 — FEDERAL PAYMENTS RECEIVED

Report all payments received from Federal Farm Programs in 1987 regardless of whether payment was made in cash or commodity certificates. Include cash payments in item 1. In item 2, include the value of any certificates held or the value received from sale or redemption of any certificates in 1987.

Federal payments include receipts from Federal programs such as deficiency payments, "Whole-Herd Dairy Buy-Out," support price payments, indemnity programs, disaster payments, paid land diversion, inventory reduction payments, payments received for approved soil and water conservation projects, etc.

► Section 8 — ACRES SET ASIDE, DIVERTED, OR IDLED UNDER FEDERAL ACREAGE REDUCTION PROGRAMS IN 1987

Include in item 2 all acres in "this place" retired from production and placed, by long-term contract, into the Conservation Reserve Program. Acres placed into the program during and prior to 1987 should be included.

► Section 9 — CHARACTERISTICS AND OCCUPATION OF OPERATOR

This section collects information about the operator of "this place" defined as the individual owner, the operator, the senior partner, or person in charge.

For Family or Individual Operation — Complete this section for the operator.

For Partnership Operations — Answer all items, except item 2, for the "Senior Partner." The "Senior Partner" is the individual who is mainly responsible for the agricultural operations on "this place," not necessarily the person senior in age. If each partner shares equally in the day-to-day management decisions, consider the oldest as the "Senior Partner." For item 2 (Principal Occupation) consider all members of the partnership together. Please include as "farming or ranching" worktime at all types of agricultural enterprises, including work at greenhouses, nurseries, mushroom production, ranching, feedlots, broiler feeding, etc.

For Corporation and Other Operations (Cooperatives, Estates, etc.) — Complete section 9 for the person in charge, such as a hired manager, business manager, or other person primarily responsible for the on-site, day-to-day operation of the farm or ranch business.

Item 4 — Year Began Operation — Report the first year the operator or senior partner began to operate any part of "this place" on a continuous basis. If the operator returned to a place previously operated, report the year operations were resumed.

INDEX

(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables
A		
Abnormal farms	19	–
Acreage reduction program	7,10,48–53	5
Age of operator	1,16,48–53	1,10,16
Agricultural products sold, market value	1,2,10,18,47,48–53	1,2,16
Agricultural services income	5,48–53	4
Alfalfa hay	43,44,48–53	26
Alfalfa seed	43,44	26
Almonds	45,48–53	28
American Indian operator	17	34
Angora goats	41	18
Apples	45,48–53	28
Apricots	42	28
Aquacultural products	41	21
Artichokes	–	27
Asian or Pacific Islander operator	17	34
Asparagus	–	27
Assets, value	1,10–12,18, 47,48–53	1,5,8,16
Austrian winter peas	–	26
Avocados	45	28
B		
Bahia grass seed	–	26
Balers, pickup	13,48–53	8
Bananas	45	28
Barley for grain	1,42–44,48–53	1,15,16,24
Barley for grain sales, value	2,48–53	2,16
Beans, dry edible	42–44,48–53	15,16,25
Beans, dry lima	–	25
Beans, green lima	–	27
Beans, snap (bush and pole)	44,48–53	27
Beans, soybeans	1,42–44,48–53	1,15,16,25
Bedding plants	46	30
Beef cows	1,20,25,29,48–53	1,11,16
Bees, colonies	41	20
Beets, sugar	42–44,48–53	1,15,16,25
Beets, table	–	27
Bentgrass seed	–	26
Bermuda grass seed	–	26
Berries	42,44,48–53	29
Birdsfoot trefoil seed	–	26
Blackberries	–	29
Black operators and other races	16,17,48–53	32–34
Blueberries	44	29
B—Con.		
Bluegrass seed, Kentucky	44	26
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Breeding hogs and pigs	32,48–53	12,16
Broccoli	–	27
Broilers	1,20–22,48–53	1,14,16
Bromegrass seed	–	26
Brussels sprouts	–	27
Buckwheat	–	24
Bulbs	46	30
Bulls, bull calves, steers, and steer calves	20,25,48–53	11,16
Burros, donkeys, and mules	41	23
C		
Cabbage	–	27
Cantaloups	44	27
Carrots	–	27
Cash, government farm programs payments	5	4
Cash rent, expenses	3,10,48–53	3,16
Cash rent or share payments received, farm-related income	5,48–53	4
Catfish sales	–	21
Cattle and calves	1,10,20,25,27,47, 48–53	1,11,16
Cattle and calves sales, value	2,20,26,31,47, 48–53	2,11,16
Cauliflower	–	27
Celery	–	27
Certificates, government farm programs payments	5	4
Chemicals, expenses	1,3,10,15,47,48–53	3,16
Chemicals used	15,48–53	9
Cherries	45,48–53	28
Chickens 3 months old or older	1,20,21,23,48–53	1,14
Chicory	–	27
Chinese cabbage	–	27
Chinese or ming peas	–	27
Christmas trees and forest products sales, farm-related income	5,48–53	4
Citrus fruit	45,48–53	28
Clover seed	–	26
Coffee	45	28
Collards	–	27
Colonies of bees	41	20
Combines, grain and bean, all types	13,48–53	16

INDEX—Con.

(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables
C—Con.		
Commercially mixed formula feed purchased	1,3,48–53	3,16
Commodity Credit Corporation loans	6,10,48–53	4
Conservation reserve programs	7,10,48–53	5
Contract labor expenses	3,10,48–53	3,16
Corn, field	1,42–44,48–53	1,15,16, 24,31
Corn for grain sales, value	2,48–53	2,16
Corn, sweet	44,48–53	27
Corn, sweet, for seed	-	31
Corporation, family held	16,48–53	10,16
Corporation, nonfamily held	16,48–53	10,16
Corporation, type of organization	1,16,48–53	-
Cotton	1,42,44,47,48–53	1,15,16,25
Cotton sales, value	2,47,48–53	2,16
Cottonpickers and strippers	13,48–53	8
Cowpeas for dry peas	-	25
Cowpeas, green	-	27
Cows and heifers that had calved	20,25,48–53	11,16
Cranberries	44	29
Cropland diverted, set aside	7,10,48–53	5
Cropland for cover crops, legumes, and soil-improvement grasses	7,48–53	5
Cropland harvested	1,7,8,10,16,18,42, 47,48–53	1,3,5,6, 10,15,16
Cropland harvested, irrigated	8–10	7
Cropland idle	7,48–53	5
Cropland in cultivated summer fallow	7,48–53	5
Cropland on which all crops failed	7,48–53	5
Cropland pastured	7,48–53	5
Cropland total	1,7,10,47,48–53	1,5,16
Crops, farms reporting, acres, production	42	15,16
Cucumbers	44	27
Currants	-	29
Customwork, machine hire, and rental of machinery and equipment, expenses	3,10,48–53	3,16
Customwork and other agricultural services, farm-related income	5,48–53	16
D		
Daikon	-	27
Dairy cows (milk cows)	1,10,20,25,30,47, 48–53	1,11,16
Dairy products sales, value	2,47,48–53	2,11,16
Dates	-	28
Dewberries	-	29
Diesel fuel expenses	14,48–53	3
Dill for oil	-	31
Disease control in crops and orchards	15,48–53	9
Donkeys, burros, and mules	41	23
Ducks	-	14,22
Ducks, geese, and other poultry	21	14,22
E		
Eggplant	-	27
Electricity expenses	10,47,48–53	3
Emmer and spelt	-	24
Endive	-	27
Equipment and machinery	1,10,12,18,47,48–53	1,8,16
Escarole	-	27
Ewes 1 year old or older	38	13
Expenses, farm production	1,3,10,47,48–53	1,3,16
F		
Family held corporations	48–53	10,16
Family or individual, type of organization	1,16,48–53	10,16
Farm-related income	5,48–53	4
Farms by age and principal occupation of operator	16,48–53	10,16
Farms by size of farm	8,47,48–53	6,16
Farms by standard industrial classification	18,48–53	16
Farms by tenure of operator	16,48–53	10,16
Farms by type of organization	1,16,48–53	10,16
Farms by value of agricultural products sold	1,2,10,18,47,48–53	1,2,16
Farms, number	1,7,8,10,16,18,47, 48–53	1,5,10,16
Fattened cattle sales	26,29,31,48–53	11,16
Feed purchased	1,3,47,48–53	3,16
Feeder pigs sales	20,33,35–37,48–53	12

INDEX—Con.

(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables
F—Con.		
Female operators	16,17,48-53	10
Fertilizer applied	15,48-53	9
Fertilizer expenses	3,10,15,47,48-53	3,16
Fescue seed	44	26
Field seed crops	44,48-53	26
Figs	-	28
Filberts	45	28
Fish sales	41	21
Flaxseed	42,44,48-53	24
Florist greens and flowers, cut	46	30
Flower and vegetable seeds	46	30
Flowering plants, potted	46	30
Flowers and florist greens, cut	46	30
Foliage plants	46	30
Forest products and Christmas trees sales, farm-related income	5,48-53	4
Foxtail millet seed	-	26
Fruit crops	45	15,16,28
Fruits, nuts, and berries sales, value	2,47,48-53	2,16
Fuel oil, kerosene, motor oil, grease, LP gas, etc., expenses	14,48-53	3
Full owners	16,48-53	10,16
G		
Garlic	-	27
Gas, natural, expenses	14,48-53	3
Gasoline and other petroleum fuel and oil expenses	14,48-53	3,16
Gasoline expenses	14,48-53	3
Geese	-	22
Geese, ducks, and other poultry	41	14,22
Ginger root	-	31
Goat milk sales	41	17
Goats	41,48-53	23
Goats, Angora	41	23
Goats, milk	41	17
Goats, other	41	23
Government farm programs payments	5,10,47,48-53	4
Grain hay	43,44	26
Grain sales, value	2,47,48-53	2,16
Grains	44,48-53	16
Grapefruit	45	28
Grapes	45,48-53	28
G—Con.		
Grass silage, haylage, and green chop hay	43,44	26
Grazing permits	-	36
Grease, LP gas, fuel oil, kerosene, motor oil, etc., expenses	14,48-53	3
Greenhouse crops	42,46	30
Greenhouse vegetables	46	30
Guar	-	31
Guavas	45	28
H		
Hatcheries	-	22
Hay crops	1,42-44,48-53	1,15,16,26
Hay, silage, and field seeds sales, value	2,47,48-53	2,16
Haylage, grass silage, and green chop hay	43,44	26
Hazelnuts	45	28
Heifers and heifer calves	20,25,48-53	11,16
Hens and pullets of laying age	20,21,48-53	14,16
Herbs	-	31
Hired farm labor expenses	3,10,47,48-53	3,16
Hogs and pigs	1,10,20,32,35,47, 48-53	1,12,16
Hogs and pigs sales, value	2,20,33,36,47,48-53	2,12,16
Hogs, litters farrowed	34,37,48-53	12
Honey sales	41	20
Honey tangerines	-	28
Honeydew melons	-	27
Hops	44	31
Horses and ponies	20,41,48-53	13
I		
Income from farm-related sources	5,48-53	4
Income, see net cash return	4,48-53	4
Individual or family, type of organization	1,16,48-53	10,16
Insects, chemical control	15,48-53	9
Interest, debt not secured by real estate	3,48-53	3
Interest, debt secured by real estate	3,48-53	3
Interest expenses	1,3,10,47,48-53	3,16
Irish potatoes	1,42-44,48-53	1,15,16,25

INDEX—Con.

(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables
I—Con.		
Irrigated farms and acres	1,8–10	1,7
J		
Jojoba	–	31
K		
Kale	–	27
Kentucky bluegrass seed	44	26
Kerosene, motor oil, grease, LP gas, fuel oil, etc., expenses	14,48–53	3
Kiwifruit	–	28
Kumquats	–	28
L		
Labor expenses	1,3,10,47,48–53	3,16
Land and buildings, value	1,10,11,47,48–53	5,16
Land in farms	1,7,8,10,16,18,47, 48–53	1,5,10,16
Land owned	10,48–53	–
Land rented from others	48–53	–
Land rented to others	48–53	–
Land set aside in federal farm programs	7,10,48–53	1
Land use	7,8,10,47,48–53	5
Lemons	45	28
Lentils	44	25
Lespedeza seed	–	26
Lettuce and romaine	44	27
Lima beans, dry	–	25
Lima beans, green	–	27
Lime applied	15,48–53	9
Limes	–	28
Litters farrowed	34,37,48–53	12
Livestock and livestock products sold	20	–
Livestock and poultry	20	1,16
Livestock and poultry purchased	1,3,10,47,48–53	3,16
Livestock, poultry, and their products sales, value	1,2,10,18,20,47	1,2,16
Loans, Commodity Credit Corporation	6,10,48–53	4
Loganberries	–	29
Lotus root	–	31
LP gas, fuel oil, kerosene, motor oil, grease, etc., expenses	14,48–53	3
M		
Macadamia nuts	45	28
Machine hire, rental of machinery and equipment, and customwork expenses	3,10,48–53	3,16
Machinery and equipment	1,10,12,18,47,48–53	1,8,16
Male operators	16,17,48–53	10
Mangoes	–	28
Melons	–	27
Milk cows (dairy cows)	1,10,20,25,30,47, 48–53	1,11,16
Milk goats	41	17
Millet, proso	44	24
Millet seed, foxtail	–	26
Mink and their pelts	41	19
Mint for oil	44	31
Mohair sales	41	18
Motor oil, grease, LP gas, fuel oil, kerosene, etc., expenses	14,48–53	3
Motortrucks, including pickups	13,48–53	8,16
Mower conditioners	13,48–53	8
Mules, burros, and donkeys	41	23
Mungbeans for beans	–	31
Mushrooms	46	30
Mustard cabbage	–	27
Mustard greens	–	27
Mustard seed	–	24
N		
Natural gas expenses	14,48–53	3
Nectarines	–	28
Nematode control in crops	15,48–53	9
Net cash return from agricultural sales	4,48–53	4
Nonfamily held corporations	16,48–53	10,16
Number of farms	1,7,8,10,16,18,47, 48–53	1,5,10,16
Nursery and greenhouse crops	42,46	30
Nursery and greenhouse crops sales, value	2,42,46,47,48–53	2,16,30
Nursery crops-shrubs, trees, etc.	46	30
O		
Oat sales, value	2,48–53	2,16
Oats for grain	1,42–44,48–53	1,15,16,24
Occupation of operator	1,16,48–53	1,10,16

INDEX—Con.

(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables
O—Con.		
Off-farm work by operator	1,16,48-53	1,10,16
Okra	-	27
Olives	-	28
Onions, dry and green	44	27
Operator characteristics-residence, age, race, occupation, off-farm work, sex, Spanish origin, years on present farm	16,17,48-53	10,16
Oranges	45	28
Orchardgrass seed	-	26
Orchards	1,42-44,48-53	1,15,16,28
Organization of farm	1,16,48-53	10,16
Other farm production expenses	5,48-53	3,16
Other field crops sales, value	2,48-53	2,16
Other grains sales, value	2,48-53	2,16
Other livestock and livestock products sales, value	2,47,48-53	2,16
Other poultry	-	22
Owned land	10,48-53	-
P		
Papayas	45	28
Parsley	-	27
Part owners	16,48-53	10,16
Partnership, type of organization	1,16,48-53	10,16
Passion fruit	-	28
Pastureland and grazing land	7,48-53	5
Pastureland and other land irrigated	9	7
Payroll expenses	1,3,10,47,48-53	3,16
Peaches	45,48-53	28
Peanuts for nuts	42-44,48-53	1,15,16,25
Pears	45	28
Peas, Austrian winter	-	26
Peas, Chinese or ming	-	27
Peas, dry edible	44	25
Peas, green	44,48-53	27
Pecans	45,48-53	28
Peppers	-	27
Persimmons	-	28
Petroleum products expenses	3,10,14,48-53	3,16
Pheasants	-	22
Pickup balers	13,48-53	8
Pigeons or squab	-	22
Pimientos	-	27
P—Con.		
Pineapples	1,42,44,48-53	1,15,16,31
Pistachios	-	28
Plums	45	28
Pomegranates	—	28
Ponies and horses	20,41,48-53	13
Popcorn	44	24
Potatoes, Irish	1,42-44,48-53	1,15,16,25
Potatoes, sweet	42,44,48-53	25
Poultry and poultry products sales, value	2,20,48-53	2,16
Poultry hatched	-	22
Principal occupation of operator	1,16,48-53	1,10,16
Production expenses	1,3,10,47,48-53	1,3,16
Property taxes, expenses	3,10,48-53	3,16
Proso millet	44	24
Prunes	45	28
Pullets	22	14
Pumpkins	-	27
Q		
Quail	-	22
R		
Rabbits and their pelts	41	23
Race of operator	16,48-53	34
Radishes	-	27
Rangeland	7,48-53	5
Rapeseed	-	31
Raspberries	44	29
Redtop seed	-	26
Rent paid in cash, expenses	3,10,48-53	3,16
Rent received, farm-related income	5,48-53	4
Repair and maintenance expenses	3,10,48-53	3,16
Residence of operator	16,48-53	10,16
Rhubarb	-	27
Rice	1,42-44,48-53	1,15,16,24
Romaine and lettuce	44	27
Rye for grain	42,44	24
Ryegrass seed	44	26
S		
Safflower	-	24
Sales of agricultural products	1,2,10,18,47,48-53	1,2,16
Salt hay	-	31

INDEX—Con.

(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables
S—Con.		
Seeds, bulbs, plants, and trees purchased	3,10,48–53	3
Set aside programs, acreage	7,10,48–53	5
Sex of operator	16,17,48–53	10
Shallots	–	27
Sheep and lambs	10,20,38,39,48–53	1,13,16
Sheep and lambs shorn	38,48–53	13
Sheep, lambs, and wool sales, value	2,20,38,47,48–53	2,13,16
Size of farm, average	1,48–53	1,16
Small grain hay	43,44	26
Snap beans, bush and pole	44,48–53	27
Sod	46	30
Sorghum	1,42–44,48–53	1,15,16,24 26,31
Sorghum for grain sales, value	2,48–53	2,16
Southern peas (cowpeas), dry	–	25
Southern peas (cowpeas), green	–	27
Soybeans	1,42–44,48–53	1,15,16,25
Soybeans sales, value	2,48–53	2,16
Spanish origin, operators of	16,17,48–53	35
Spelt and emmer	–	24
Spinach	–	27
Squash	–	27
Standard industrial classification of farms	18,48–53	2,16
Steers, steer calves, bulls, and bull calves	20,25,48–53	11,16
Strawberries	43,44	29
Sudangrass seed	–	26
Sugar beets	42-44,48–53	1,15,16,25
Sugarcane	1,42–44,48–53	1,15,16,25
Sunflower seed	1,42,44,48–53	1,15,16,24
Sweet corn	44,48–53	27
Sweet corn for seed	–	31
Sweet potatoes	42,44,48–53	25
T		
Tame dry hay	43,44	16,26
Tangelos	–	28
Tangerines	–	28
Taro	–	31
Taxes, property, expenses	5,48–53	3
Tenant operated farms	16,48–53	10,16
T—Con.		
Tenure of operator	16,48–53	10,16
Timothy seed	–	26
Tobacco	1,42–44,48–53	1,15,16,25
Tobacco sales, value	2,47,48–53	2,16
Tomatoes	44,48–53	27
Tractors, wheel	13,48–53	8,16
Triticale	–	24
Trout sales	–	21
Trucks, including pickups	13,48–53	8,16
Turkeys	20,21,24,48–53	14
Turnip greens	–	27
Turnips	–	27
Type of farm	18,48–53	16
Type of organization	1,16,48–53	1,10,16
V		
Value of agricultural products sold	1,2,10,18,47,48–53	1,2,16
Value of land and buildings	1,10,18,48–53	5,16
Value of machinery and equipment	1,10,12,18,47,48–53	1,8,16
Vegetable and flower seeds	46	30
Vegetables, greenhouse	46	30
Vegetables harvested for sale	1,42–44,48–53	1,15,16,27
Vegetables, sweet corn, and melons sales, value	2,47,48–53	2,16
Vetch seed	–	26
W		
Walnuts, English	45,48–53	28
Watercress	–	27
Watermelons	44	27
Weeds, chemical control	15,48–53	9
Wheat for grain	1,42–44,48–53	1,15,16,24
Wheat sales, value	2,48–53	2,16
Wheatgrass seed	–	26
Wheel tractors	13,48–53	8,16
Wild hay	43,44	26
Wild rice	–	24
Woodland	1,7,48–53	5
Wool, pounds shorn	38,48–53	13
Work off-farm by operator	1,16,48–53	1,10,16
Y		
Years on present farm	47,48–53	16

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PUBLICATION PROGRAM

1987 CENSUS OF AGRICULTURE

Results of the 1987 Census of Agriculture are being published in a series of reports which provide data for each county (or equivalent), each State, the United States, Puerto Rico, Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands. The publications include statistics on the number of farms; land in farms; farm and operator characteristics; livestock, poultry, and their products; crop production and value; operating expenditures; irrigation; and other characteristics of farms.

Publication order forms may be obtained from Data User Services Division, Customer Services, Bureau of the Census, Washington, DC 20233, any U.S. Department of Commerce district office, or by calling (301) 763-1113.

ADVANCE REPORTS (AC87-A-01-000(A) TO 56-000(A)

Advance Reports are published separately for each county (or equivalent) in the United States with 10 farms or more, for each State, and the United States. The reports contain data for all agricultural operations with $1,000 or more in actual or potential sales of agricultural products in the census year. The Advance Reports contain final data for major data items together with comparable data from the 1982 census. Included in the reports are data on number of farms, land in farms, size of farms, land use practices, farm operator characteristics, sales expenditures, machinery and equipment, livestock, poultry, dairy products sold, and major crops harvested (which vary by State). No advance reports are available for Puerto Rico, Guam, or the U.S. Virgin Islands.

VOLUME 1. GEOGRAPHIC AREA SERIES (AC87-A-1 TO 56)

State and County Data (A-1 to 50) are published showing detailed data in national and State tables for the United States, and in county and State tables separately for each State. These reports include data on number and size of farms; crop production; livestock, poultry, and their products; tenure, age, and occupation of operators; types of organization; value of products sold; and standard industrial classification of farms.

Summary and State Data (A-51)

- Chapter 1. National level data
- Chapter 2. State level data

Outlying Areas (A-52 to 56) provide detailed data for the regions and municipios of Puerto Rico; the election districts of Guam; the U.S. Virgin Islands; American Samoa; and Northern Mariana Islands.

VOLUME 2. SUBJECT SERIES (AC87-S-1 TO 6)

Agricultural Atlas of the United States (AC87-S-1), formerly the *Graphic Summary*, presents a profile of the Nation's agriculture in a series of dot and multicolor pattern maps. The maps provide displays on size and type of farm, land use, farm tenure, market value of products sold, crops harvested, livestock inventories, and other characteristics of farms.

Coverage Evaluation (AC87-S-2) provides national and regional level estimates on the completeness of the census, in terms of both the number of farms missed and selected characteristics of those farms.

Ranking of States and Counties (AC87-S-3) presents the ranking of the top 20 States and the top 100 counties of importance of selected items from the 1987 census. Comparative data from the 1982 census are included in most tables. Tables also show cumulative totals for States and counties.

History (AC87-S-4) is a concise description of the major census operations together with facsimiles of selected data tables. It explains the history of the agriculture census, farm definition, data collection and processing, and dissemination of census data.

Government Payments and Market Value of Agricultural Products Sold (AC87-S-5) shows detailed data for farms cross-tabulated by combined market value of agricultural products sold and Government payments received, including detailed national data and selected data for each State.

ZIP Code Tabulations of Selected Items From the 1987 Census of Agriculture (AC87-S-6) provides tabulations by five-digit ZIP Code for selected items from the 1987 census. Data items include number of farms, land in farms, farms by size, market value of agricultural products sold by size of sale, livestock inventory, cropland harvested, and selected crops.

VOLUME 3. RELATED SURVEYS (AC87-RS-1 AND 2)

The Farm and Ranch Irrigation Survey (AC87-RS-1) provides statistical data collected from a sample of farm operations from the 1987 Census of Agriculture. The publication offers information on acres irrigated, land use, yields of specified crops, methods of water distribution, quantity of water used by its source, and other irrigation practices.

Agricultural Economics and Land Ownership Survey (AC87-RS-2) provides data on indebtedness, expenditures, income and assets for both farm operators and landlords. This report also includes measures of credit used for purchases and expenditures, debt by type of lender, assets, off-farm income, and other land ownership data.

VOLUME 4. CENSUS OF HORTICULTURAL SPECIALTIES (AC87-HOR-1)

This report includes detailed information on the horticultural establishments with production and sales of $2,000 or more. It provides data on number of establishments, value of sales of horticultural products, type of horticultural products, and kinds of horticultural businesses, for the United States, States, and counties.

ELECTRONIC MEDIA

Flexible Diskette—The Advance Reports of the 1987 Census of Agriculture are available on flexible diskettes. The files can be used with any compatible microcomputer employing the PC-DOS 2.0 or higher operating system. Diskettes can be obtained by calling (301) 763-4100.

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Online Access— National and State level data from the 1987 Census of Agriculture are available on CENDATA through two information vendors— CompuServe and DIALOG. In addition, the advance reports, highlights of the Subject Series, and Related Surveys reports, are available online from AGRIDATA. For information on these services call (301) 763-4100.