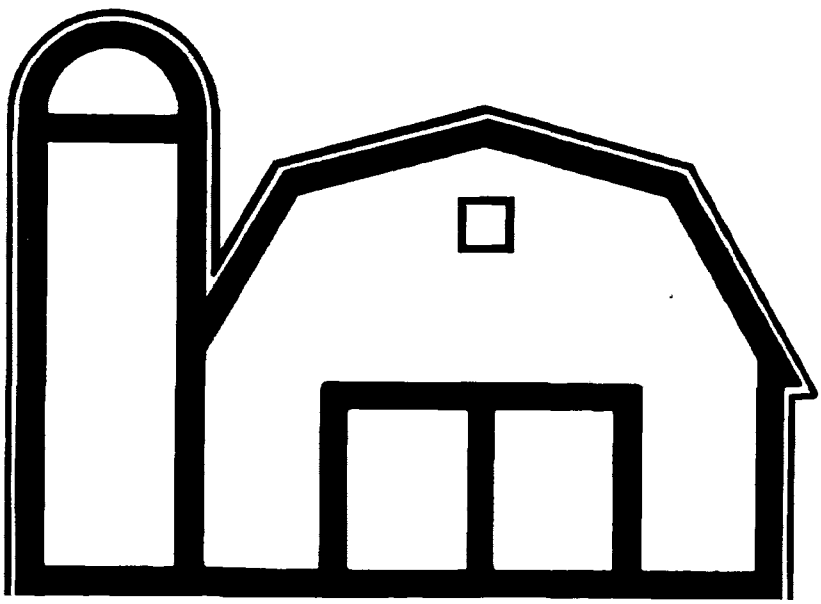
1987
Census of Agriculture

AC87-A-45

Volume 1
GEOGRAPHIC AREA SERIES

Part 45
Vermont



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

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Volume 1
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Vermont
State and County Data

Issued March 1989

U.S. Department of Commerce
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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	5 877	6 315	-6.9
Land in farms	acres	1 407 868	1 574 441	-10.6
Average size of farm	acres	240	249	-3.6
Value of land and buildings[1]:				
Average per farm	dollars	258 713	206 616	25.2
Average per acre	dollars	1 124	842	33.5
Farms by size:				
1 to 9 acres		281	272	3.3
10 to 49 acres		834	754	10.6
50 to 179 acres		1 800	1 926	-6.5
180 to 499 acres		2 320	2 635	-12.0
500 to 999 acres		559	634	-11.8
1,000 to 1,999 acres		71	85	-16.5
2,000 acres or more		12	9	33.3
Harvested cropland	farms	5 069	5 583	-9.2
	acres	488 253	547 848	-10.9
Irrigated land	farms	178	120	48.3
	acres	1 823	1 254	45.4
Market value of agricultural products sold	$1,000	375 537	369 402	1.7
Average per farm	dollars	63 899	58 496	9.2
Crops, including nursery and greenhouse crops	$1,000	25 186	20 054	25.6
Grains	$1,000	574	907	-36.7
Cotton and cottonseed	$1,000	-	-	-
Tobacco	$1,000	-	-	-
Hay, silage, and field seeds	$1,000	8 219	6 441	27.6
Vegetables, sweet corn, and melons	$1,000	2 501	1 579	58.3
Fruits, nuts, and berries	$1,000	8 513	7 597	12.1
Nursery and greenhouse crops	$1,000	4 983	2 978	67.3
Other crops	$1,000	397	552	-28.1
Livestock, poultry, and their products	$1,000	350 351	349 348	.3
Poultry and poultry products	$1,000	5 224	6 152	-15.1
Dairy products	$1,000	298 527	304 080	-1.8
Cattle and calves	$1,000	42 148	35 955	17.2
Hogs and pigs	$1,000	660	499	32.3
Sheep, lambs, and wool	$1,000	1 354	623	117.3
Other livestock and livestock products (see text)	$1,000	2 438	2 040	19.5
Farms by type of organization:				
Individual or family (sole proprietorship)		5 096	5 589	-8.8
Partnership		510	505	1.0
Corporation		232	176	31.8
Other—cooperative, estate or trust, institutional, etc.		39	45	-13.3
Operators by principal occupation:				
Farming		3 762	4 093	-8.1
Other		2 115	2 222	-4.8
Operators by days worked off farm:				
Any		2 695	2 863	-5.9
200 days or more		1 598	1 710	-6.5
Average age of operator	years	50.4	49.1	2.6
Total farm production expenses[1]	farms	5 881	(NA)	(NA)
	$1,000	289 945	(NA)	(NA)
Selected farm production expenses[1]:				
Livestock and poultry purchased	$1,000	19 702	16 157	21.9
Feed for livestock and poultry	$1,000	89 318	103 934	-14.1
Commercial fertilizer[2]	$1,000	9 015	8 919	1.1
Agricultural chemicals[2]	$1,000	2 816	2 018	39.6
Petroleum products	$1,000	10 935	16 168	-32.4
Hired farm labor	$1,000	31 704	28 865	9.8
Interest expense[3]	$1,000	22 539	25 245	-10.7
Livestock and poultry inventory:				
Cattle and calves	farms	4 128	4 965	-16.9
	number	320 189	355 104	-9.8
Milk cows	farms	2 846	3 585	-20.6
	number	178 967	191 089	-6.3
Hogs and pigs	farms	370	732	-49.5
	number	5 133	4 233	21.3
Chickens 3 months old or older	farms	649	892	-27.2
	number	405 869	499 462	-18.7
Selected crops harvested:				
Corn for grain or seed	farms	210	261	-19.5
	acres	11 191	12 428	-10.0
Corn for silage or green chop	farms	1 481	1 949	-24.0
	acres	70 258	86 701	-19.0
Oats for grain	farms	42	98	-57.1
	acres	646	1 549	-58.3
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	4 640	5 195	-10.7
	acres	432 881	467 603	-7.4
Vegetables harvested for sale (see text)	farms	230	228	.9
	acres	2 038	1 633	24.8
Land in orchards	farms	221	244	-9.4
	acres	4 797	4 980	-3.7

[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**

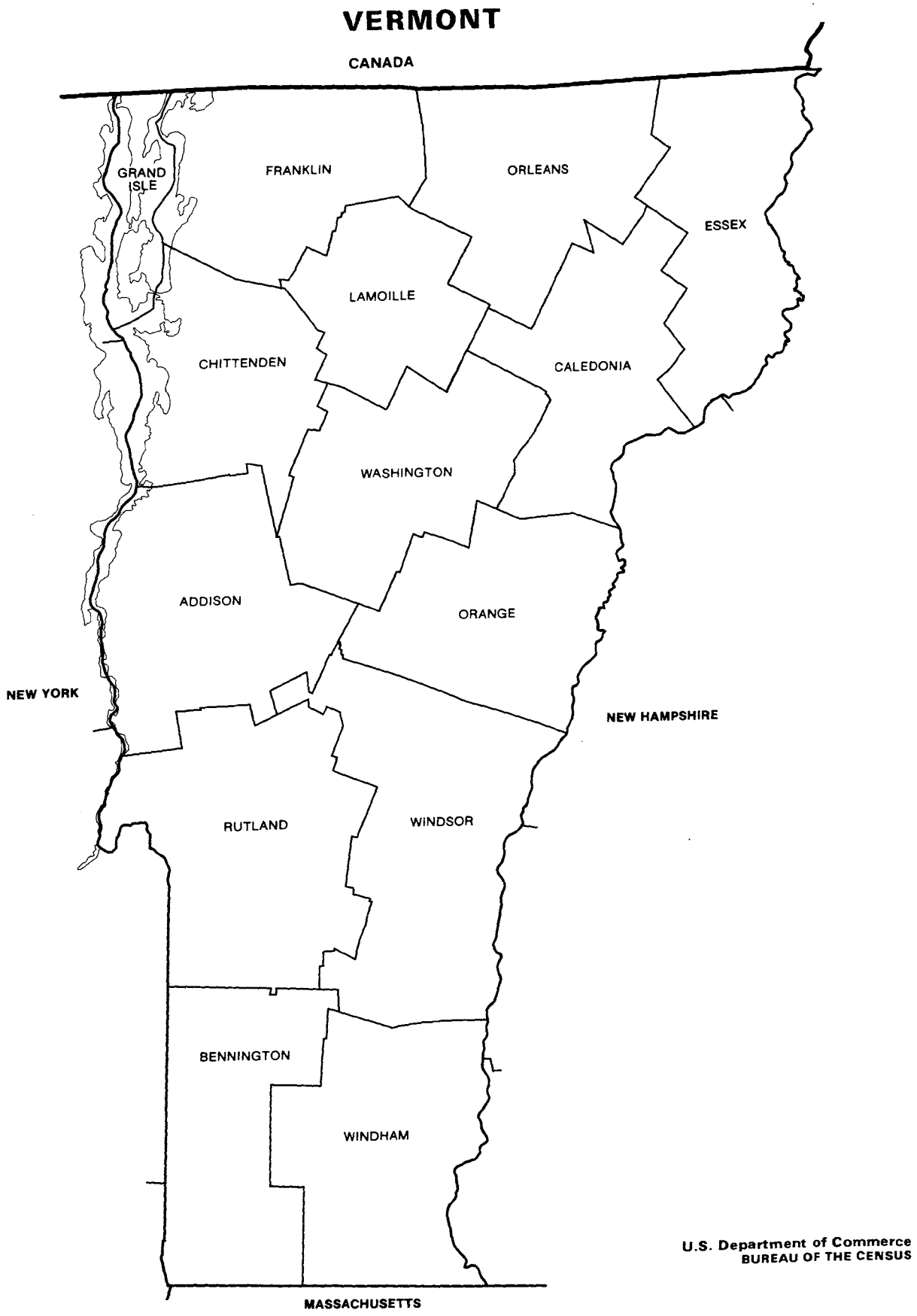

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Figure 2. **Profile of State's Agriculture: 1987**

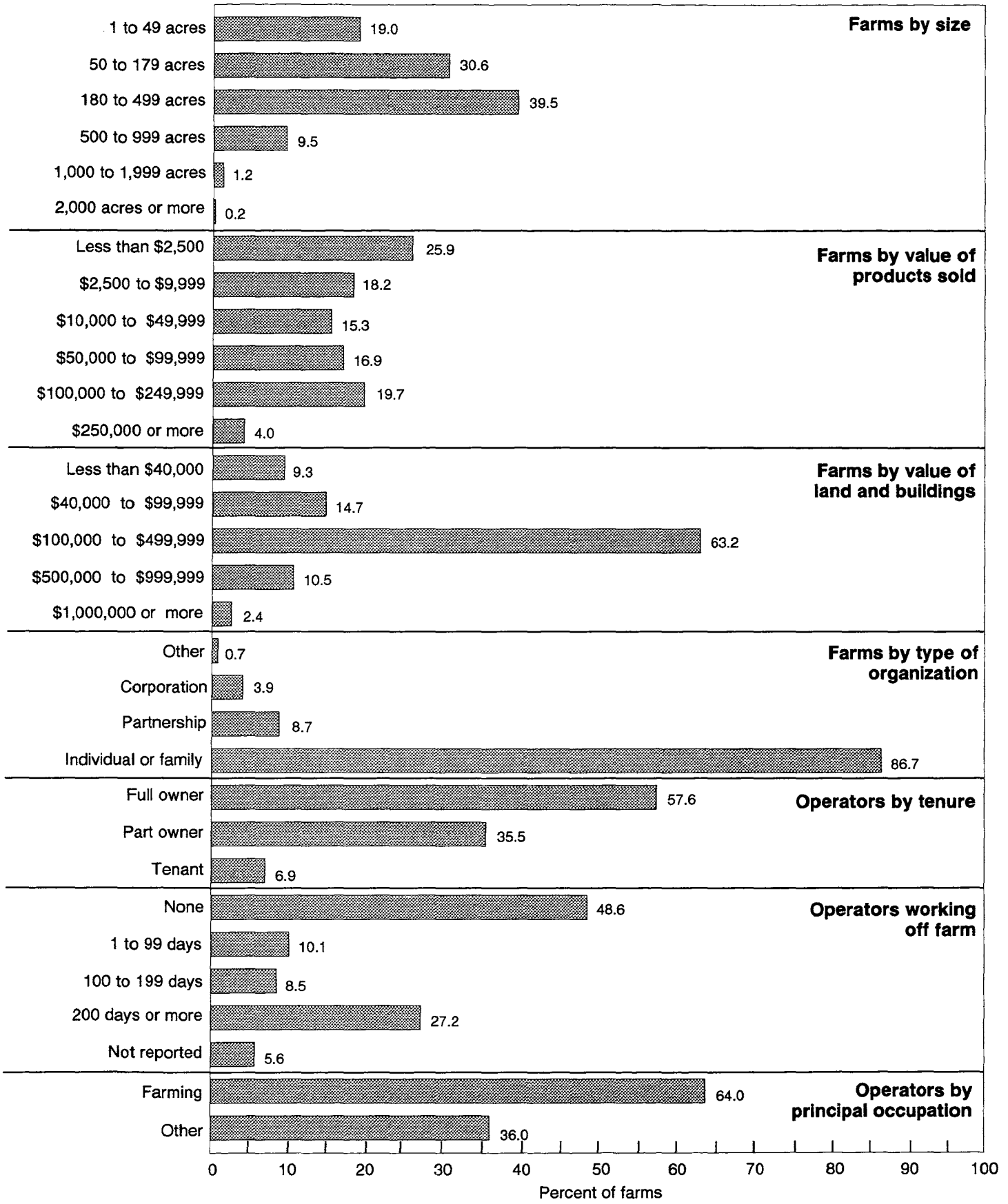

Figure 3. **Percent of Farms and of Value of Products Sold: 1987**

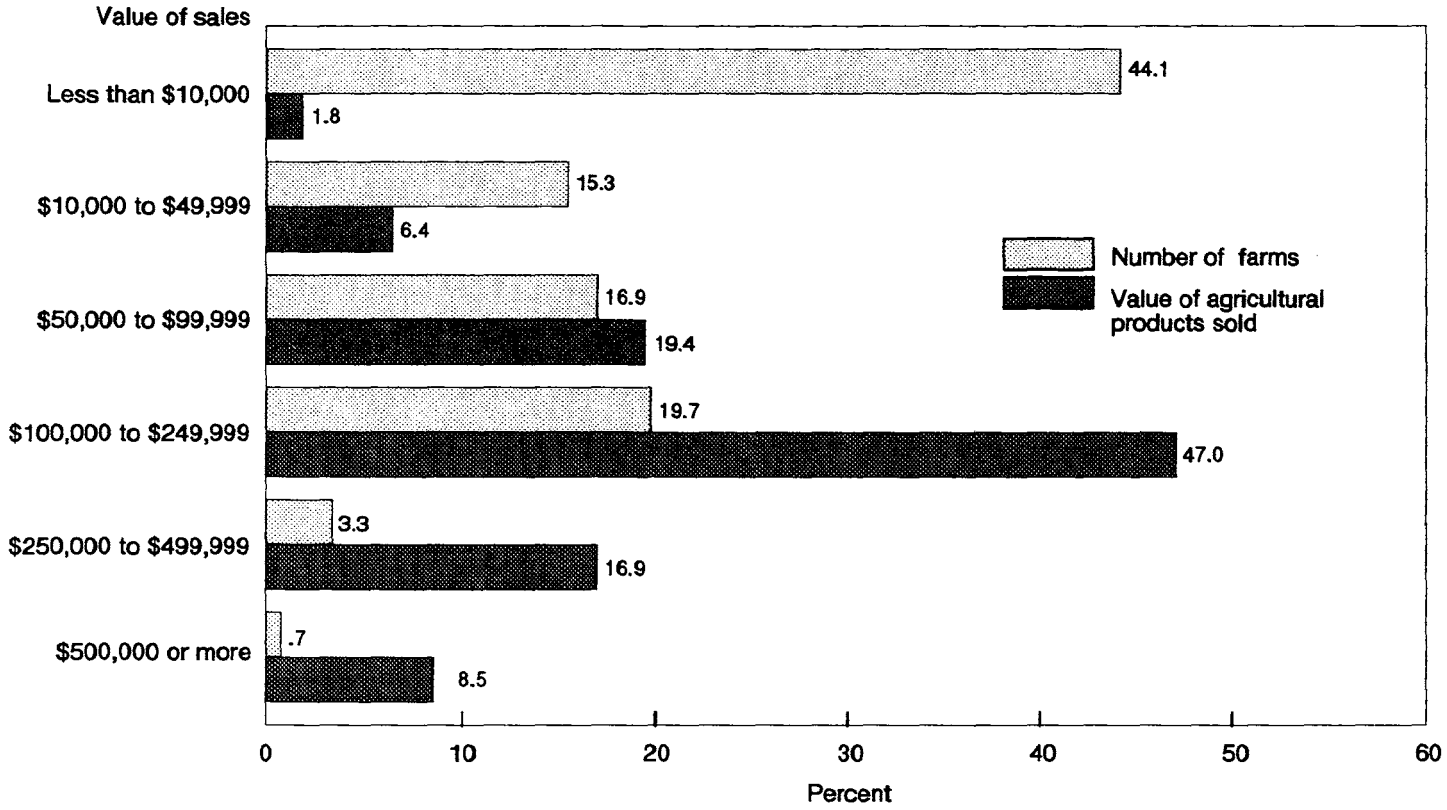

Figure 4. **Farms by Value of Agricultural Products Sold: 1959 to 1987**

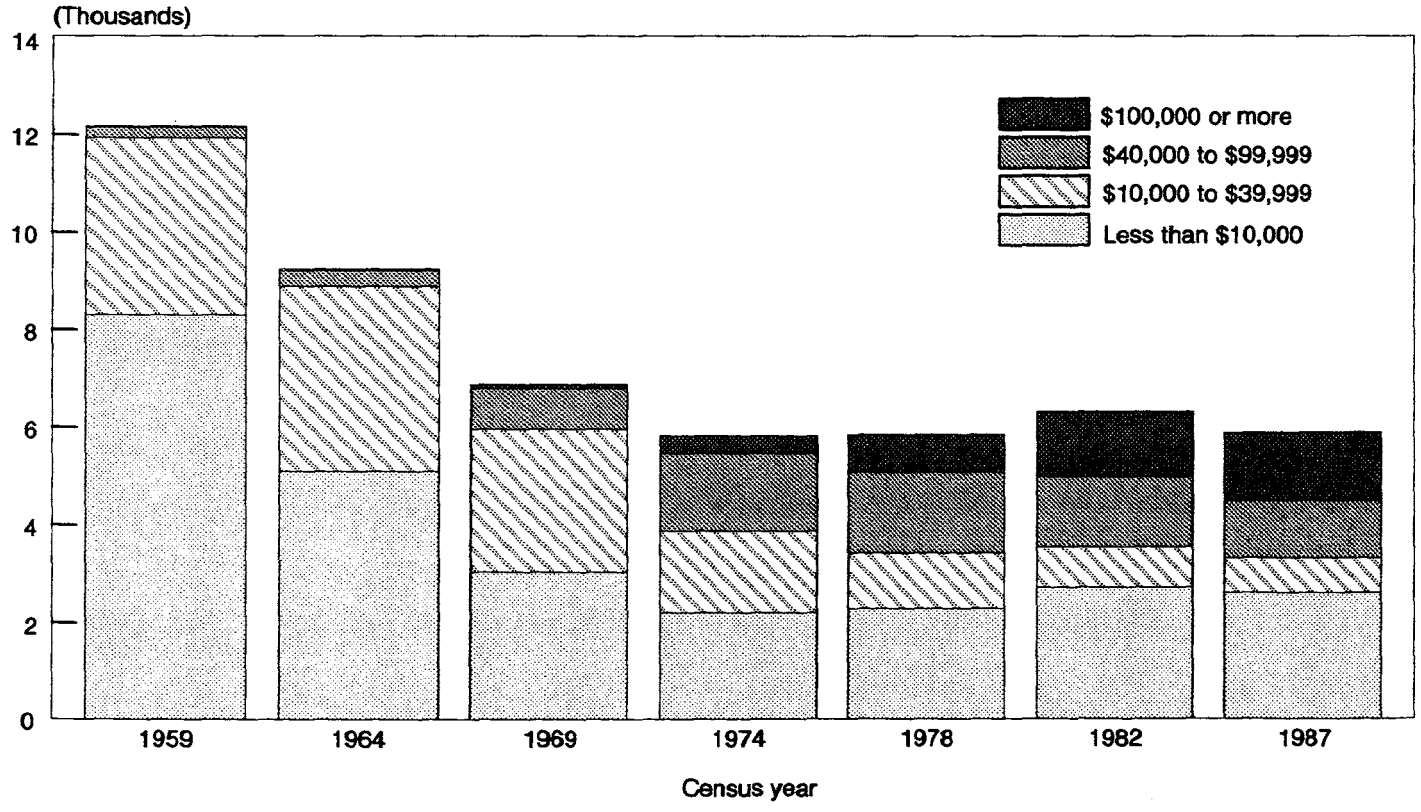

Figure 5. **Land Use: 1987**

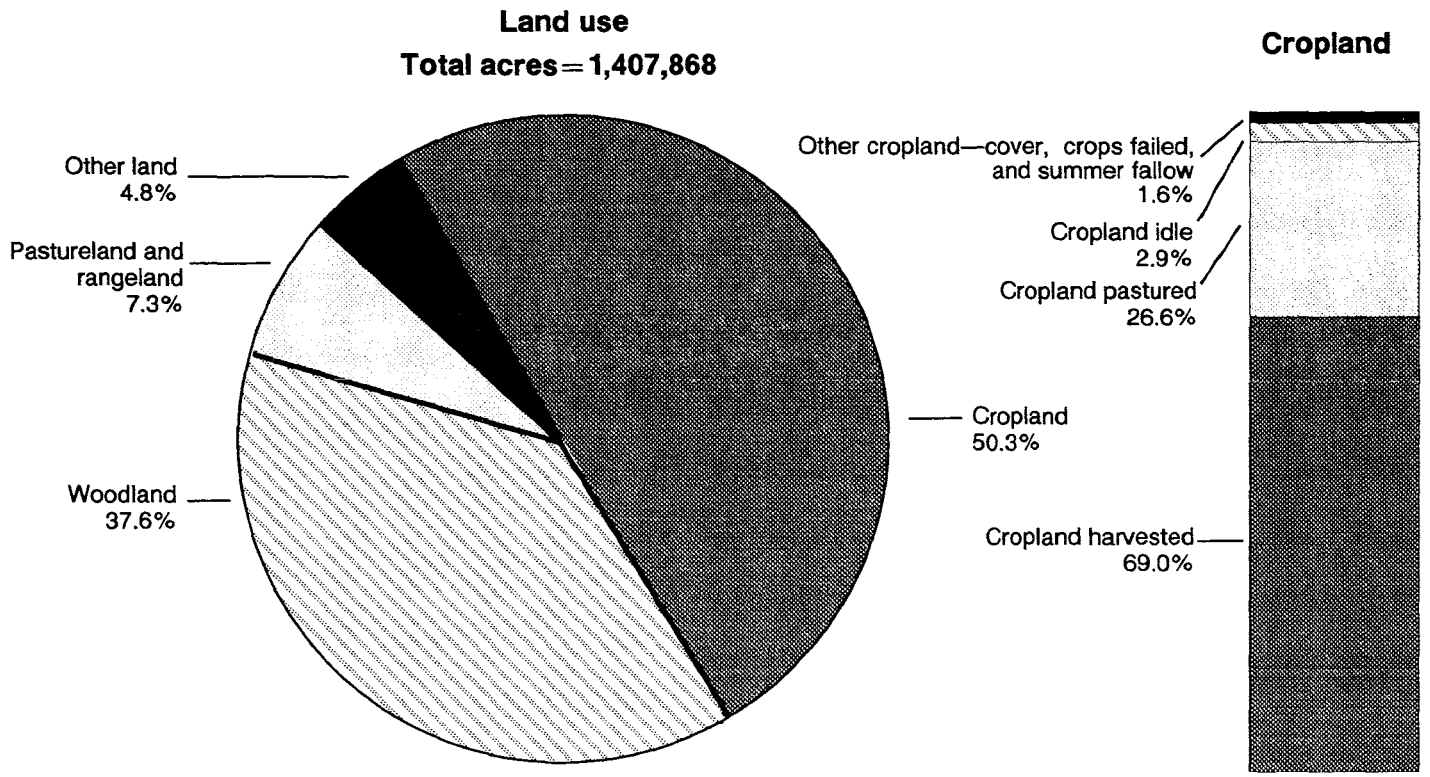

Figure 6. **Selected Crops Harvested: 1987**

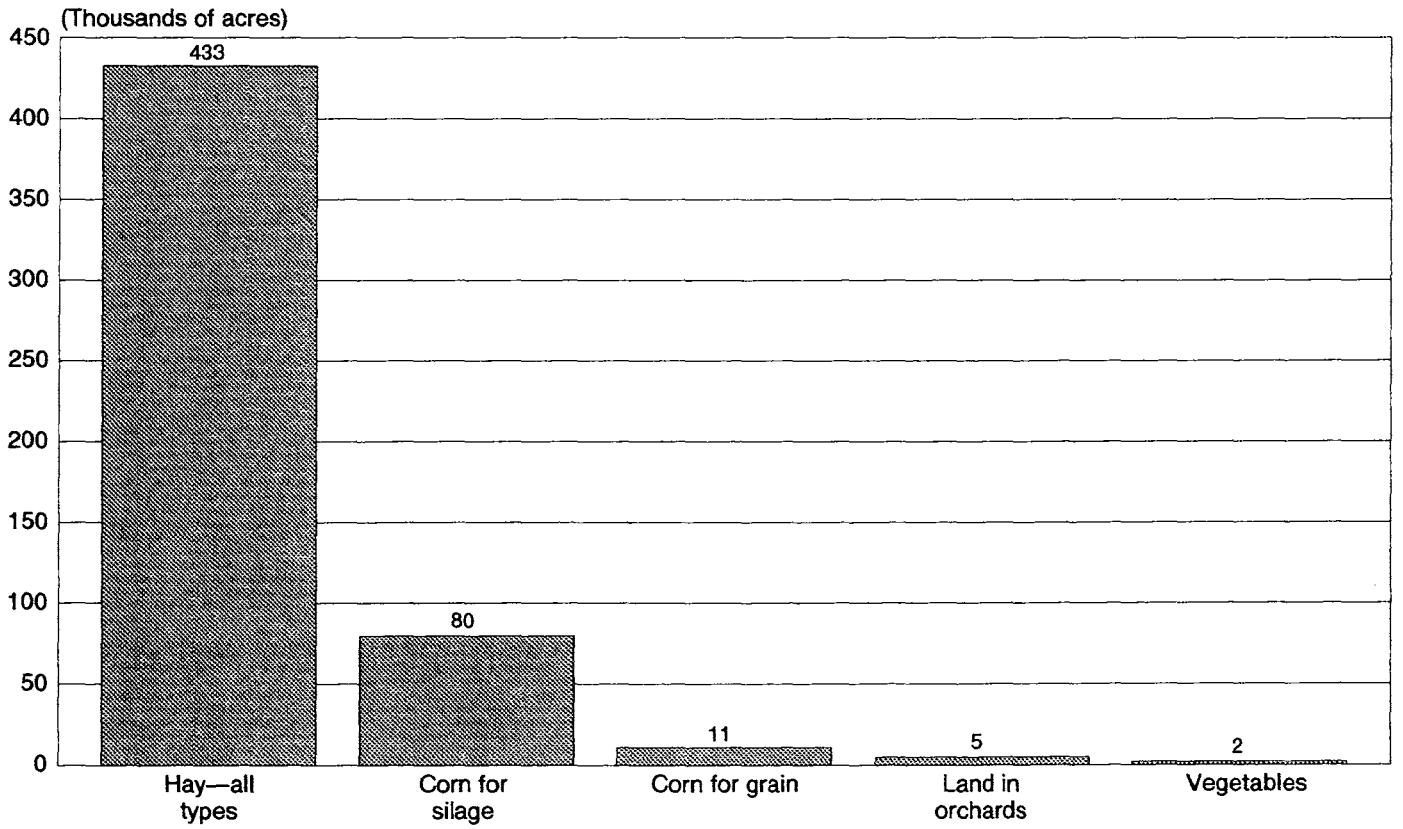

Figure 7. **Value of Livestock and Poultry Sold: 1987**

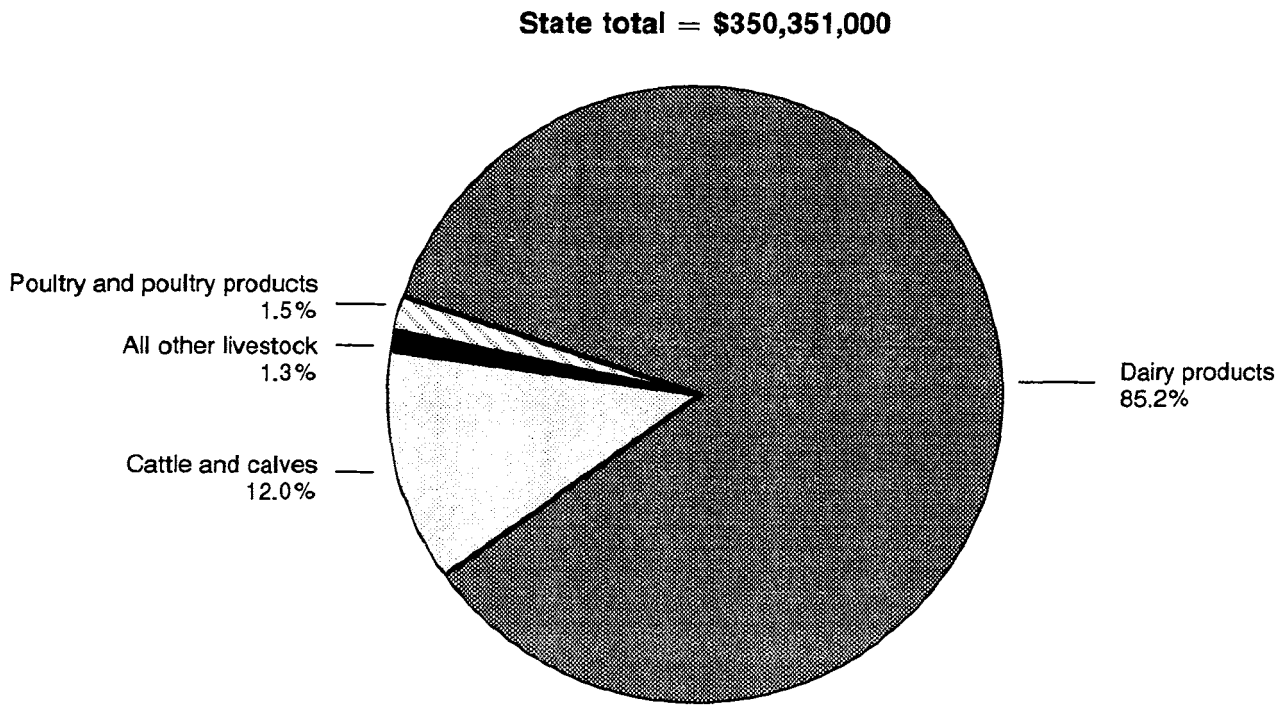

Figure 8. **Production Expenses: 1987**

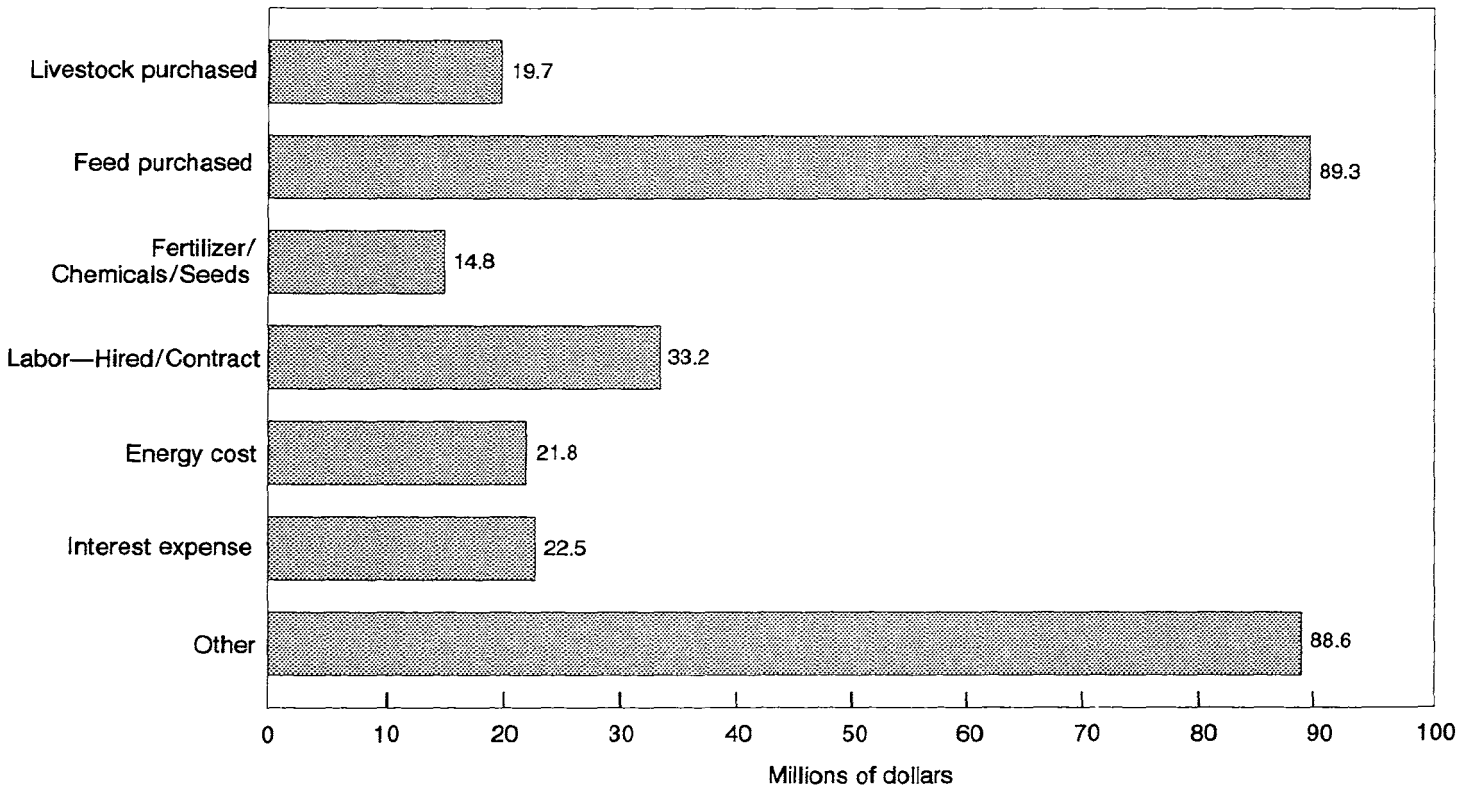

Table 1. Historical Highlights: 1987 and Earlier Census Years

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

All farms	1987	1982	1978	1974	1969	1964	1959	1954
Farms ..... number	5 877	6 315	5 852	5 906	6 874	9 247	12 099	15 981
Land in farms ..... acres	1 407 868	1 574 441	1 633 049	1 667 561	1 915 520	2 524 371	2 945 343	3 317 737
Average size of farm ..... acres	240	249	279	282	279	273	243	208
Value of land and buildings[1]:								
Average per farm ..... dollars	258 713	206 616	181 939	130 338	62 347	29 733	19 837	12 662
Average per acre ..... dollars	1 124	842	640	462	224	109	81	61
Estimated market value of all machinery and equipment[1] $1,000	270 641	274 844	215 607	141 152	81 020	(NA)	(NA)	(NA)
Average per farm ..... dollars	46 090	43 571	36 875	24 531	12 097	(NA)	(NA)	(NA)
Farms by size:								
1 to 9 acres	281	272	179	160	168	304	427	1 295
10 to 49 acres	834	754	466	402	465	739	1 088	1 752
50 to 179 acres	1 800	1 926	1 679	1 690	1 991	2 717	4 051	5 589
180 to 499 acres	2 320	2 635	2 735	2 875	3 380	4 367	5 412	6 205
500 to 999 acres	559	634	678	655	739	959	956	981
1,000 to 1,999 acres	71	85	106	110	114	136	165	159
2,000 acres or more	12	9	9	14	17	25		
Total cropland ..... farms	5 506	5 977	5 696	5 762	6 600	8 930	11 680	15 195
acres	707 970	772 055	806 244	779 344	836 246	878 153	983 564	1 062 266
Harvested cropland ..... farms	5 069	5 583	5 494	5 501	6 125	8 619	11 418	14 643
acres	488 253	547 848	554 957	514 804	511 096	657 282	743 448	799 145
Irrigated land ..... farms	178	120	94	46	37	77	72	55
acres	1 823	1 254	1 397	509	286	1 063	1 612	689
Market value of agricultural products sold[2] $1,000	375 537	369 402	270 882	207 889	136 010	115 303	108 547	86 446
Average per farm ..... dollars	63 899	58 496	46 289	35 200	19 786	12 469	8 972	5 409
Crops, including nursery and greenhouse crops $1,000	25 186	20 054	16 720	15 844	8 462	8 973	5 795	5 130
Livestock, poultry, and their products $1,000	350 351	349 348	254 162	189 336	126 152	101 696	98 873	76 882
Farms by value of sales[3]:								
Less than $2,500	1 523	1 661	1 350	1 418	2 092	2 518	3 697	6 597
$2,500 to $4,999	589	593	507	379	377	896	1 672	2 951
$5,000 to $9,999	480	444	409	387	547	1 666	2 914	4 042
$10,000 to $24,999[4]	453	469	624				3 875	2 011
$25,000 to $49,999[5]	446	615	900	3 355	3 766	4 117	-	379
$50,000 to $99,999	992	1 192	1 280				-	-
$100,000 to $499,999	1 352	1 307	756	352	76	37	-	-
$500,000 or more	42	26	11	3	4		-	-
Farms by type of organization:								
Individual or family (sole proprietorship)	5 096	5 589	5 181	(NA)	(NA)	(NA)	(NA)	(NA)
Partnership	510	505	488	(NA)	(NA)	(NA)	(NA)	(NA)
Corporation	232	176	145	(NA)	(NA)	(NA)	(NA)	(NA)
Other—cooperative, estate or trust, institutional, etc.	39	45	38	(NA)	(NA)	(NA)	(NA)	(NA)
Operators by days worked off farm[6]:								
None	2 854	3 023	3 110	2 713	(NA)	(NA)	(NA)	7 440
Any	2 695	2 863	2 526	2 202	3 081	4 332	5 609	8 341
200 days or more	1 598	1 710	1 402	1 211	1 799	2 102	2 797	4 107
Operators by principal occupation[6]:								
Farming	3 762	4 093	4 006	4 223	(NA)	(NA)	(NA)	(NA)
Other	2 115	2 222	1 846	1 587	(NA)	(NA)	(NA)	(NA)
Average age of operator[6] ..... years	50.4	49.1	49.4	50.0	50.4	50.8	50.8	50.2
Total farm production expenses[1] $1,000	289 945	(NA)	(NA)	179 001	109 864	(NA)	(NA)	(NA)
Selected farm production expenses[1]:								
Livestock and poultry purchased $1,000	19 702	16 157	15 124	11 322	7 495	4 973	5 542	(NA)
Feed for livestock and poultry $1,000	89 318	103 934	84 315	67 486	34 922	33 334	33 681	30 053
Commercial fertilizer[7] $1,000	9 015	8 919	9 233	7 400	3 496	3 437	(NA)	(NA)
Petroleum products $1,000	10 935	16 168	9 449	6 705	4 320	4 398	4 329	4 070
Hired farm labor $1,000	31 704	28 865	21 534	14 779	11 550	9 994	10 812	10 306
Interest expense[8] $1,000	22 539	25 245	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Agricultural chemicals[7] $1,000	2 816	2 018	2 702	1 539	1 168	(NA)	(NA)	(NA)
Livestock and poultry:								
Cattle and calves inventory ..... farms	4 128	4 965	4 591	4 763	5 324	7 744	10 271	13 960
number	320 189	355 104	316 984	331 990	323 707	367 675	405 546	459 707
Beef cows ..... farms	1 180	1 360	1 166	1 204	(NA)	745	(NA)	(NA)
number	9 805	9 473	8 600	11 825	14 861	5 462	2 912	3 667
Milk cows ..... farms	2 846	3 585	3 576	3 899	4 409	6 994	9 695	13 227
number	178 967	191 089	184 860	189 206	187 251	229 757	247 903	268 759
Cattle and calves sold ..... farms	3 919	4 620	4 424	4 592	5 189	7 319	9 678	11 820
number	170 741	157 002	157 282	150 895	162 322	214 545	210 167	205 595
Hogs and pigs inventory ..... farms	370	732	689	755	422	1 013	2 373	3 619
number	5 133	4 233	5 234	4 455	3 780	8 485	13 519	14 802
Hogs and pigs sold ..... farms	239	385	329	288	154	275	390	714
number	7 595	7 012	8 259	5 491	6 349	12 345	11 205	11 519
Chickens 3 months old or older inventory[9] ..... farms	649	892	770	753	648	1 966	4 520	7 579
number	405 869	499 462	524 457	826 674	448 582	640 129	823 683	1 038 661
Broilers and other meat-type chickens sold ..... farms	53	55	42	24	3	9	32	71
number	5 231	(D)	(D)	4 802	30 130	58 800	828 420	926 125

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:								
Corn for grain or seed ---- farms--	210	261	150	185	126	57	138	203
acres--	11 191	12 428	6 503	5 776	2 699	692	781	976
bushels--	1 031 941	1 173 189	514 903	470 402	232 226	53 937	52 752	52 564
Oats for grain ---------- farms--	42	98	121	(NA)	(NA)	616	1 112	1 286
acres--	646	1 549	2 722	(NA)	(NA)	9 625	15 878	13 686
bushels--	28 475	70 621	127 413	(NA)	(NA)	444 419	761 728	389 636
Irish potatoes ---------- farms--	57	95	112	198	(NA)	1 212	2 801	5 117
acres--	162	305	700	1 035	(NA)	1 547	1 949	2 676
cwt--	36 988	76 037	127 044	221 208	(NA)	315 019	345 859	438 112
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ---------- farms--	4 640	5 195	5 133	5 074	5 674	(NA)	(NA)	(NA)
acres--	432 881	467 603	472 075	431 888	436 919	596 504	674 089	715 246
tons, dry--	869 548	886 084	847 192	783 415	836 785	952 781	1 042 246	1 107 405
Land in orchards --------- farms--	221	244	185	161	164	352	539	569
acres--	4 797	4 980	4 532	5 322	4 492	5 056	4 934	5 288

[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.

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	5 877	100.0	6 315	5 852
	$1,000	375 537	100.0	369 402	270 882
Average per farm	dollars	63 899	(X)	58 496	46 289
Value of sales[1]:					
Less than $1,000 (see text)	farms	820	14.0	906	577
	$1,000	228	.1	262	228
$1,000 to $2,499	farms	703	12.0	755	773
	$1,000	1 111	.3	1 222	1 254
$2,500 to $4,999	farms	589	10.0	593	507
	$1,000	2 078	.6	2 112	1 819
$5,000 to $9,999	farms	480	8.2	444	409
	$1,000	3 272	.9	3 091	2 905
$10,000 to $19,999	farms	347	5.9	349	439
	$1,000	4 889	1.3	5 015	6 381
$20,000 to $24,999	farms	106	1.8	120	185
	$1,000	2 375	.6	2 676	4 163
$25,000 to $39,999	farms	263	4.5	363	525
	$1,000	8 458	2.3	11 875	17 087
$40,000 to $49,999	farms	183	3.1	252	375
	$1,000	8 157	2.2	11 268	16 728
$50,000 to $99,999	farms	992	16.9	1 192	1 280
	$1,000	72 953	19.4	87 664	90 720
$100,000 to $249,999	farms	1 158	19.7	1 154	685
	$1,000	176 612	47.0	171 788	95 276
$250,000 to $499,999	farms	194	3.3	153	71
	$1,000	63 488	16.9	50 349	22 884
$500,000 to $999,999[2]	farms	39	.7	26	11
	$1,000	25 668	6.8	21 395	10 607
$1,000,000 or more	farms	3	.1	-	-
	$1,000	6 248	1.7	-	-
Sales by commodity or commodity group:					
Crops, including nursery and greenhouse crops	farms	2 026	34.5	1 980	1 743
	$1,000	25 186	6.7	20 054	16 720
Grains	farms	85	1.4	110	64
	$1,000	574	.2	907	276
Corn for grain	farms	55	.9	64	(NA)
	$1,000	461	.1	777	(NA)
Wheat	farms	15	.3	13	(NA)
	$1,000	31	(Z)	32	(NA)
Soybeans	farms	1	(Z)	2	(NA)
	$1,000	(D)	(D)	(D)	(NA)
Sorghum for grain	farms	1	(Z)	-	(NA)
	$1,000	(D)	(D)	-	(NA)
Barley	farms	11	.2	(NA)	(NA)
	$1,000	34	(Z)	(NA)	(NA)
Oats	farms	3	.1	19	(NA)
	$1,000	(D)	(D)	(D)	(NA)
Other grains[3]	farms	7	.1	21	(NA)
	$1,000	20	(Z)	61	(NA)
Cotton and cottonseed	farms	-	-	-	-
	$1,000	-	-	-	-
Tobacco	farms	-	-	-	-
	$1,000	-	-	-	-
Hay, silage, and field seeds	farms	1 588	27.0	1 532	1 339
	$1,000	8 219	2.2	6 441	6 674
Vegetables, sweet corn, and melons	farms	230	3.9	228	223
	$1,000	2 501	.7	1 579	1 128
Fruits, nuts, and berries	farms	198	3.4	207	179
	$1,000	8 513	2.3	7 597	6 069
Nursery and greenhouse crops	farms	197	3.4	174	159
	$1,000	4 983	1.3	2 978	2 123
Other crops	farms	52	.9	56	76
	$1,000	397	.1	552	449
Livestock, poultry, and their products	farms	4 668	79.4	5 231	4 833
	$1,000	350 351	93.3	349 348	254 162
Poultry and poultry products	farms	371	6.3	487	361
	$1,000	5 224	1.4	6 152	6 246
Dairy products	farms	2 691	45.8	3 230	3 295
	$1,000	298 527	79.5	304 080	218 191
Cattle and calves	farms	3 919	66.7	4 620	4 424
	$1,000	42 148	11.2	35 955	28 055
Hogs and pigs	farms	239	4.1	385	329
	$1,000	660	.2	499	419
Sheep, lambs, and wool	farms	576	9.8	480	282
	$1,000	1 354	.4	623	236
Other livestock and livestock products (see text)	farms	451	7.7	460	396
	$1,000	2 438	.6	2 040	1 015

[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	5 881	(X)	(NA)	(NA)
$1,000	(X)	289 945	(NA)	(NA)
Average per farm ... dollars	(X)	49 302	(NA)	(NA)
Farms with expenses of—				
$1 to $4,999	1 538	4 134	(NA)	(NA)
$5,000 to $9,999	778	5 668	(NA)	(NA)
$10,000 to $24,999	858	13 199	(NA)	(NA)
$25,000 to $49,999	742	28 344	(NA)	(NA)
$50,000 to $99,999	1 139	81 540	(NA)	(NA)
$100,000 to $249,999	706	105 297	(NA)	(NA)
$250,000 to $499,999	96	32 225	(NA)	(NA)
$500,000 or more	24	19 537	(NA)	(NA)
Livestock and poultry purchased ... farms	2 422	(X)	2 547	2 778
$1,000	(X)	19 702	16 157	15 124
percent of total	(X)	6.8	(NA)	(NA)
Farms with expenses of—				
$1 to $999	612	239	1 089	1 111
$1,000 to $4,999	806	1 942	700	933
$5,000 to $9,999	477	3 389	317	362
$10,000 to $24,999[1]	345	5 223	395	372
$25,000 to $49,999	104	3 398		-
$50,000 to $99,999	69	4 256		-
$100,000 to $249,999	8	(D)	46	-
$250,000 or more	1	(D)		-
Feed for livestock and poultry ... farms	4 533	(X)	5 175	4 970
$1,000	(X)	89 318	103 934	84 315
percent of total	(X)	30.8	(NA)	(NA)
Farms with expenses of—				
$1 to $999	1 094	469	1 277	1 175
$1,000 to $4,999	774	1 702	779	671
$5,000 to $9,999	276	2 036	369	569
$10,000 to $24,999[1]	1 054	18 161		2 555
$25,000 to $49,999	944	32 181	2 608	-
$50,000 to $79,999	244	14 918		-
$80,000 to $99,999	65	5 661	142	-
$100,000 or more	82	14 190		-
Commercially mixed formula feeds ... farms	3 488	(X)	3 942	3 953
$1,000	(X)	69 992	79 755	66 357
percent of total	(X)	24.1	(NA)	(NA)
Farms with expenses of—				
$1 to $999	534	211	559	516
$1,000 to $4,999	473	1 220	474	602
$5,000 to $9,999	340	2 478	584	711
$10,000 to $24,999[1]	1 187	19 849	2 022	2 124
$25,000 to $49,999	698	23 854		-
$50,000 to $79,999	168	10 250	303	-
$80,000 or more	88	12 130		-
Seeds, bulbs, plants, and trees ... farms	2 431	(X)	2 667	3 279
$1,000	(X)	2 983	2 866	3 156
percent of total	(X)	1.0	(NA)	(NA)
Farms with expenses of—				
$1 to $499	991	205	1 103	1 654
$500 to $999	569	387	671	675
$1,000 to $4,999	764	1 502	825	865
$5,000 to $9,999	86	(D)	57	66
$10,000 to $19,999	16	(D)	8	9
$20,000 to $24,999	1	(D)	3	10
$25,000 or more	4	(D)		
Commercial fertilizer[2] ... farms	3 425	(X)	3 588	4 238
$1,000	(X)	9 015	8 919	9 233
percent of total	(X)	3.1	(NA)	(NA)
Farms with expenses of—				
$1 to $499	997	241	1 062	1 178
$500 to $999	505	347	521	696
$1,000 to $4,999	1 408	3 264	1 495	1 858
$5,000 to $9,999	347	2 309	350	386
$10,000 to $24,999[1]	144	1 949	147	120
$25,000 to $29,999	8	217		-
$30,000 to $49,999	13	459		-
$50,000 to $99,999	2	(D)	13	-
$100,000 or more	1	(D)		-
Agricultural chemicals[2] ... farms	2 109	(X)	1 872	3 540
$1,000	(X)	2 816	2 018	2 702
percent of total	(X)	1.0	(NA)	(NA)
Farms with expenses of—				
$1 to $499	1 001	186	1 009	1 992
$500 to $999	481	327	378	793
$1,000 to $4,999	550	1 125	423	710
$5,000 to $9,999	35	225	32	24
$10,000 to $24,999	33	502		
$25,000 to $49,999	5	155	30	21
$50,000 or more	4	295		
Petroleum products ... farms	5 470	(X)	6 274	5 818
$1,000	(X)	10 935	16 168	9 449
percent of total	(X)	3.8	(NA)	(NA)
Farms with expenses of—				
$1 to $999	2 696	983	2 902	2 867
$1,000 to $4,999	2 247	5 287	2 376	2 619
$5,000 to $9,999	393	2 644	752	272
$10,000 to $24,999[1]	127	1 734	240	60
$25,000 to $39,999	6	(D)		-
$40,000 to $49,999	-	-	4	-
$50,000 or more	1	(D)		-

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	4 883	(X)	5 204	4 611
$1,000	(X)	10 851	8 753	5 355
percent of total	(X)	3.7	(NA)	(NA)
Farms with expenses of—				
$1 to $499	1 687	297	1 921	1 612
$500 to $999	486	330	581	878
$1,000 to $1,999	792	1 102	1 085	1 308
$2,000 to $4,999	1 316	4 143	1 283	735
$5,000 to $9,999	480	3 207		
$10,000 to $24,999	116	1 555	334	78
$25,000 or more	6	218		
Hired farm labor ... farms	3 028	(X)	3 424	3 670
$1,000	(X)	31 704	28 865	21 534
percent of total	(X)	10.9	(NA)	(NA)
Farms with expenses of—				
$1 to $999	770	330	753	1 041
$1,000 to $4,999	911	2 152	1 125	1 302
$5,000 to $9,999	381	2 794	633	739
$10,000 to $24,999[1]	651	10 106	860	588
$25,000 to $49,999	215	7 136		-
$50,000 to $79,999	61	3 749		-
$80,000 to $99,999	13	1 142	53	-
$100,000 or more	26	4 296		-
Contract labor ... farms	558	(X)	241	278
$1,000	(X)	1 515	435	590
percent of total	(X)	.5	(NA)	(NA)
Farms with expenses of—				
$1 to $999	296	124	132	146
$1,000 to $4,999	170	336	89	103
$5,000 to $9,999	67	429	14	24
$10,000 to $24,999	17	245		
$25,000 to $49,999	4	116	6	5
$50,000 or more	4	266		
Repair and maintenance ... farms	5 045	(X)	(NA)	(NA)
$1,000	(X)	20 056	(NA)	(NA)
percent of total	(X)	6.9	(NA)	(NA)
Farms with expenses of—				
$1 to $999	1 784	703	(NA)	(NA)
$1,000 to $4,999	2 020	4 850	(NA)	(NA)
$5,000 to $9,999	691	4 735	(NA)	(NA)
$10,000 to $24,999	474	6 806	(NA)	(NA)
$25,000 to $49,999	69	2 274	(NA)	(NA)
$50,000 or more	7	687	(NA)	(NA)
Customwork, machine hire, and rental of machinery and equipment[3] ... farms	1 612	(X)	1 469	1 643
$1,000	(X)	2 702	1 936	1 285
percent of total	(X)	.9	(NA)	(NA)
Farms with expenses of—				
$1 to $999	871	280	934	1 266
$1,000 to $4,999	616	(D)	469	345
$5,000 to $9,999	90	(D)	56	26
$10,000 to $24,999	29	(D)		
$25,000 to $49,999	6	(D)	10	6
$50,000 or more	-	-		
Interest[4] ... farms	3 187	(X)	3 135	(NA)
$1,000	(X)	22 539	25 245	(NA)
percent of total	(X)	7.8	(NA)	(NA)
Farms with expenses of—				
$1 to $999	638	290	484	(NA)
$1,000 to $4,999	1 212	3 115	1 132	(NA)
$5,000 to $9,999	619	4 388	660	(NA)
$10,000 to $24,999	566	8 628		
$25,000 to $49,999	128	4 016	859	(NA)
$50,000 to $99,999	20	1 291		
$100,000 or more	4	811		
Interest paid on debt:				
Secured by real estate	2 408	17 635	(NA)	(NA)
Not secured by real estate	1 604	4 904	(NA)	(NA)
Cash rent ... farms	1 777	(X)	(NA)	(NA)
$1,000	(X)	4 688	(NA)	(NA)
percent of total	(X)	1.6	(NA)	(NA)
Farms with expenses of—				
$1 to $499	516	115	(NA)	(NA)
$500 to $999	255	172	(NA)	(NA)
$1,000 to $4,999	744	1 711	(NA)	(NA)
$5,000 to $9,999	161	1 055	(NA)	(NA)
$10,000 to $24,999	90	1 222	(NA)	(NA)
$25,000 to $49,999	9	(D)	(NA)	(NA)
$50,000 or more	2	(D)	(NA)	(NA)
Property taxes paid ... farms	5 552	(X)	(NA)	(NA)
$1,000	(X)	14 467	(NA)	(NA)
percent of total	(X)	5.0	(NA)	(NA)
Farms with expenses of—				
$1 to $499	602	143	(NA)	(NA)
$500 to $999	680	503	(NA)	(NA)
$1,000 to $4,999	3 630	8 551	(NA)	(NA)
$5,000 to $9,999	513	3 311	(NA)	(NA)
$10,000 to $24,999	118	1 619	(NA)	(NA)
$25,000 or more	9	341	(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	5 505	(X)	(NA)	(NA)
$1,000	(X)	46 654	(NA)	(NA)
percent of total	(X)	16.1	(NA)	(NA)
Farms with expenses of—				
$1 to $999	1 849	737	(NA)	(NA)
$1,000 to $4,999	1 552	3 641	(NA)	(NA)
$5,000 to $9,999	656	4 508	(NA)	(NA)
$10,000 to $24,999	939	14 678	(NA)	(NA)
$25,000 to $49,999	386	12 514	(NA)	(NA)
$50,000 to $99,999	100	6 734	(NA)	(NA)
$100,000 or more	23	3 642	(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	5 881	3 337	2 544
$1,000	83 417	91 235	-7 818
Average per farm ..... dollars	14 184	27 340	-3 073
Farms with net gains[1] ..... number	3 313	2 838	475
$1,000	99 348	98 526	822
Average per farm ..... dollars	29 987	34 717	1 730
Gain of—			
Less than $1,000	257	49	208
$1,000 to $4,999	511	269	242
$5,000 to $9,999	361	336	25
$10,000 to $24,999	782	782	-
$25,000 to $49,999	776	776	-
$50,000 or more	626	626	-
Farms with net losses ..... number	2 568	499	2 069
$1,000	15 931	7 291	8 639
Average per farm ..... dollars	6 204	14 612	4 176
Loss of—			
Less than $1,000	367	24	343
$1,000 to $4,999	1 276	163	1 113
$5,000 to $9,999	537	91	446
$10,000 to $24,999	295	138	157
$25,000 to $49,999	74	66	8
$50,000 or more	19	17	2

[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	633	3 882	475	3 233
Average per farm[1]	1987	(X)	6 132	(X)	6 807
Farms with receipts of—					
$1 to $999		211	93	120	65
$1,000 to $4,999		294	819	255	716
$5,000 to $9,999		65	442	52	349
$10,000 to $24,999		35	530	26	401
$25,000 to $49,999		17	635	13	(D)
$50,000 or more		11	1 364	9	(D)
Amount received in cash	1987	576	3 448	431	2 822
Value of certificates received	1987	255	433	237	412
Other farm-related income, gross before taxes and expenses[2]	1987	2 137	7 556	1 306	5 085
Average per farm[1]	1987	(X)	3 536	(X)	3 894
Farms with receipts of—					
$1 to $999		773	332	436	187
$1,000 to $4,999		918	2 293	582	1 495
$5,000 to $9,999		299	1 970	181	1 199
$10,000 to $24,999		111	1 585	89	1 286
$25,000 to $49,999		30	781	12	325
$50,000 or more		6	594	6	594
Customwork and other agricultural services[3]	1987	419	1 163	256	934
	1982	352	543	204	422
Average per farm[1]	1987	(X)	2 777	(X)	3 647
	1982	(X)	1 544	(X)	2 068
1987 farms with receipts of—					
$1 to $999		197	81	95	42
$1,000 to $4,999		151	320	110	249
$5,000 to $9,999		36	218	16	99
$10,000 to $24,999		32	435	32	435
$25,000 to $49,999		3	109	3	109
$50,000 or more		-	-	-	-
Rental of farmland	1987	384	850	165	569
Average per farm[1]	1987	(X)	2 214	(X)	3 450
Farms with receipts of—					
$1 to $999		231	101	80	33
$1,000 to $4,999		127	316	62	162
$5,000 to $9,999		20	120	20	120
$10,000 to $24,999		4	(D)	2	(D)
$25,000 or more		2	(D)	1	(D)
Sales of forest products and Christmas trees	1987	1 093	3 764	569	2 029
Average per farm[1]	1987	(X)	3 443	(X)	3 565
Farms with receipts of—					
$1 to $999		349	162	161	79
$1,000 to $4,999		499	1 228	287	718
$5,000 to $9,999		179	1 153	84	553
$10,000 to $24,999		59	926	31	(D)
$25,000 or more		7	295	6	(D)
Other farm-related income sources	1987	845	1 779	733	1 554
Average per farm[1]	1987	(X)	2 105	(X)	2 120
Farms with receipts of—					
$1 to $999		442	142	403	128
$1,000 to $4,999		307	711	247	585
$5,000 to $9,999		64	419	51	334
$10,000 to $24,999		30	(D)	30	(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	**26**	**157**	**5**	**(D)**
Average per farm[1]	(X)	6 028	(X)	(D)
Farms with loans of—				
$1 to $999	4	4	2	(D)
$1,000 to $4,999	11	36	1	(D)
$5,000 to $9,999	7	54	-	-
$10,000 to $19,999	2	(D)	2	(D)
$20,000 to $24,999	2	(D)		
$25,000 to $49,999	-	-	-	-
$50,000 or more	-	-		
Corn	14	(D)	(NA)	(NA)
Average per farm[1]	(X)	(D)	(X)	(NA)
Farms with loans of—				
$1 to $999	3	3	(NA)	(NA)
$1,000 to $9,999	9	44	(NA)	(NA)
$10,000 to $24,999	2	(D)	(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	1	(D)	(NA)	(NA)
Average per farm[1]	(X)	(D)	(X)	(NA)
Farms with loans of—				
$1 to $999	-	-	(NA)	(NA)
$1,000 to $9,999	1	(D)	(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	11	78	(NA)	(NA)
Average per farm[1]	(X)	7 131	(X)	(X)
Farms with loans of—				
$1 to $999	1	(D)	(NA)	(NA)
$1,000 to $9,999	8	37	(NA)	(NA)
$10,000 to $24,999	2	(D)	(NA)	(NA)
$25,000 or more	-	-	(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	5 877	100.0	6 315	5 852
Land in farms	acres	1 407 868	100.0	1 574 441	1 633 049
Total cropland	farms	5 506	93.7	5 977	5 696
	acres	707 970	50.3	772 055	806 244
Harvested cropland	farms	5 069	86.3	5 583	5 494
	acres	488 253	34.7	547 848	554 957
Farms by acres harvested:					
1 to 49 acres		2 204	37.5	2 215	2 030
1 to 9 acres		530	9.0	521	353
10 to 19 acres		477	8.1	524	397
20 to 29 acres		478	8.1	497	477
30 to 49 acres		719	12.2	673	803
50 to 99 acres		1 070	18.2	1 255	1 355
100 to 199 acres		1 083	18.4	1 351	1 366
200 to 499 acres		643	10.9	705	689
500 to 999 acres		63	1.1	53	51
1,000 acres or more		6	.1	4	3
1,000 to 1,999 acres		5	.1	4	2
2,000 acres or more		1	(Z)	-	1
Cropland used only for pasture or grazing	farms	3 523	59.9	3 664	3 713
	acres	188 468	13.4	205 499	227 593
Other cropland	farms	1 007	17.1	734	824
	acres	31 249	2.2	18 708	23 694
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	319	5.4	221	266
	acres	7 508	.5	3 707	5 252
Cropland on which all crops failed	farms	95	1.6	58	96
	acres	1 608	.1	1 291	1 813
Cropland in cultivated summer fallow	farms	86	1.5	71	95
	acres	1 884	.1	1 456	1 889
Cropland idle	farms	663	11.3	488	485
	acres	20 249	1.4	12 254	14 740
Total woodland	farms	4 360	74.2	4 913	4 722
	acres	529 115	37.6	617 112	650 835
Woodland pastured	farms	1 832	31.2	2 025	2 170
	acres	123 624	8.8	136 456	161 803
Woodland not pastured	farms	3 700	63.0	4 145	3 828
	acres	405 491	28.8	480 656	489 032
Pastureland and rangeland other than cropland and woodland pastured	farms	1 713	29.1	1 784	1 511
	acres	103 133	7.3	114 792	112 366
Land in house lots, ponds, roads, wasteland, etc.	farms	3 559	60.6	4 022	3 394
	acres	67 650	4.8	70 482	63 604
Cropland under federal acreage reduction programs:					
Annual commodity acreage adjustment programs	farms	76	(X)	26	113
	acres	1 789	(X)	219	1 889
Conservation reserve program	farms	19	(X)	(NA)	(NA)
	acres	715	(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	5 877	6 315	1 407 868	1 574 441	488 253	547 848	1 823	1 254
Farms by size:								
1 to 9 acres	281	272	1 019	940	256	215	56	36
10 to 49 acres	834	754	22 002	20 142	6 028	6 076	231	134
50 to 69 acres	287	301	16 829	17 584	6 108	5 937	72	35
70 to 99 acres	400	420	33 217	34 950	10 600	10 931	78	36
100 to 139 acres	581	634	67 884	73 697	20 866	23 073	222	145
140 to 179 acres	532	571	83 859	90 132	26 709	30 014	251	90
180 to 219 acres	493	544	98 094	108 189	34 359	37 858	(D)	178
220 to 259 acres	451	461	108 199	109 396	38 648	40 917	(D)	160
260 to 499 acres	1 376	1 630	489 173	578 739	181 902	217 545	226	407
500 to 999 acres	559	634	360 847	407 711	127 644	138 779	367	(D)
1,000 to 1,999 acres	71	85	89 865	107 702	27 363	32 316	-	(D)
2,000 acres or more	12	9	36 880	25 259	7 770	4 187	(D)	(D)
5,000 acres or more	-	-	-	-	-	-	-	-
Farms with harvested cropland	5 069	5 583	1 333 821	1 515 549	488 253	547 848	1 817	1 250
Farms by size:								
1 to 9 acres	116	111	506	431	256	215	50	36
10 to 49 acres	519	504	14 248	14 259	6 028	6 076	231	134
50 to 69 acres	235	252	13 839	14 715	6 108	5 937	72	31
70 to 99 acres	350	357	29 136	29 765	10 600	10 931	78	36
100 to 139 acres	522	561	61 250	65 571	20 866	23 073	222	145
140 to 179 acres	484	529	76 447	83 633	26 709	30 014	251	90
180 to 219 acres	464	515	92 385	102 439	34 359	37 858	(D)	178
220 to 259 acres	423	439	101 373	104 224	38 648	40 917	(D)	160
260 to 499 acres	1 332	1 597	474 251	567 529	181 902	217 545	226	407
500 to 999 acres	546	626	352 814	402 022	127 644	138 779	367	(D)
1,000 to 1,999 acres	67	83	84 642	105 702	27 363	32 316	-	(D)
2,000 acres or more	11	9	32 930	25 259	7 770	4 187	(D)	(D)
5,000 acres or more	-	-	-	-	-	-	-	-
Farms with irrigated land	178	120	21 199	18 859	6 339	4 917	1 823	1 254
Farms by size:								
1 to 9 acres	35	21	141	98	52	39	56	36
10 to 49 acres	66	31	1 531	707	513	237	231	134
50 to 69 acres	8	4	469	234	152	56	72	35
70 to 99 acres	9	4	762	350	163	133	78	36
100 to 139 acres	16	21	1 992	2 570	676	581	222	145
140 to 179 acres	12	12	1 876	1 820	499	455	251	90
180 to 219 acres	11	5	(D)	1 021	(D)	238	(D)	178
220 to 259 acres	1	8	(D)	1 914	(D)	542	(D)	160
260 to 499 acres	11	9	3 822	3 044	1 679	1 635	226	407
500 to 999 acres	8	3	5 935	(D)	1 895	(D)	367	(D)
1,000 to 1,999 acres	-	1	-	(D)	-	(D)	-	(D)
2,000 acres or more	1	1	(D)	(D)	(D)	(D)	(D)	(D)
5,000 acres or more	-	-	-	-	-	-	-	-

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

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

Farms with irrigation		1987	1982	1978
Farms	number	178	120	94
Proportion of farms	percent	3.0	1.9	1.6
Irrigated land	acres	1 823	1 254	1 397
Average per farm	acres	10	10	15
Acres irrigated:				
1 to 9 acres	farms	136	92	61
	acres	347	249	156
10 to 49 acres	farms	35	21	27
	acres	784	384	637
50 to 99 acres	farms	5	5	4
	acres	(D)	(D)	(D)
100 to 199 acres	farms	2	2	1
	acres	(D)	(D)	(D)

Farms with irrigation		1987	1982	1978
Irrigated land—Con.				
Acres irrigated—Con.				
200 to 499 acres	farms	-	-	1
	acres	-	-	(D)
500 to 999 acres	farms	-	-	-
	acres	-	-	-
1,000 acres or more	farms	-	-	-
	acres	-	-	-
Irrigated land use:				
Harvested cropland	farms	174	119	87
	acres	1 782	1 246	1 297
Pastureland and other land	farms	6	3	(NA)
	acres	41	8	100
Land in irrigated farms	acres	21 199	18 859	19 209
Cropland	acres	8 801	6 657	10 609
Harvested cropland	acres	6 339	4 917	7 969

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	5 877	6 315	178	120	89	52	5 699	6 195
Land in farms ..... acres	1 407 868	1 574 441	21 199	18 859	5 819	2 501	1 386 669	1 555 582
Value of land and buildings[1]:								
Average per farm ..... dollars	258 713	206 616	209 135	200 817	163 814	147 936	260 197	206 713
Average per acre ..... dollars	1 124	842	1 973	1 236	2 288	2 751	1 113	838
Irrigated land ..... acres	1 823	1 254	1 823	1 254	640	363	(X)	(X)
Land in farms according to use:								
Total cropland ..... farms	5 506	5 977	178	120	89	52	5 328	5 857
acres	707 970	772 055	8 801	6 657	1 122	812	699 169	765 398
Harvested cropland ..... farms	5 069	5 583	177	119	89	52	4 892	5 464
acres	488 253	547 848	6 339	4 917	624	359	481 914	542 931
Pastureland, excluding woodland pastured ..... farms	4 527	4 850	63	47	18	14	4 464	4 803
acres	291 601	320 291	2 451	3 501	326	528	289 150	316 790
Land set aside in federal farm programs ..... farms	92	(NA)	1	(NA)	-	(NA)	91	(NA)
acres	2 504	(NA)	(D)	(NA)	-	(NA)	(D)	(NA)
Owned and rented land in farms:								
Owned land in farms ..... farms	5 472	(NA)	163	(NA)	82	(NA)	5 309	(NA)
acres	1 103 362	(NA)	16 908	(NA)	5 614	(NA)	1 086 454	(NA)
Rented or leased land in farms ..... farms	2 494	2 665	61	(NA)	16	(NA)	2 433	(NA)
acres	304 506	325 442	4 291	(NA)	205	(NA)	300 215	(NA)
Market value of agricultural products sold $1,000	375 537	369 402	11 512	5 910	3 424	1 810	364 024	363 492
Average per farm ..... dollars	63 899	58 496	64 676	49 252	38 467	34 803	63 875	58 675
Crops, including nursery and greenhouse crops ..... farms	2 026	1 980	157	109	83	48	1 869	1 871
$1,000	25 186	20 054	8 465	4 117	2 893	1 534	16 721	15 937
Livestock, poultry, and their products ..... farms	4 668	5 231	51	50	15	14	4 617	5 181
$1,000	350 351	349 348	3 048	1 793	531	276	347 303	347 555
Total farm production expenses[1] $1,000	289 945	(NA)	9 596	(NA)	3 722	(NA)	280 349	(NA)
Average per farm ..... dollars	49 302	(NA)	56 117	(NA)	38 371	(NA)	49 098	(NA)
Livestock and poultry purchased ..... farms	2 422	2 547	22	(NA)	1	(NA)	2 400	(NA)
$1,000	19 702	16 157	147	(NA)	(D)	(NA)	19 555	(NA)
Feed for livestock and poultry ..... farms	4 533	5 175	27	24	7	4	4 506	5 151
$1,000	89 318	103 934	765	435	139	71	88 553	103 499
Seeds, bulbs, plants, and trees ..... farms	2 431	2 667	156	80	85	38	2 275	2 587
$1,000	2 983	2 866	459	211	282	71	2 524	2 656
Commercial fertilizer[2] ..... farms	3 425	3 588	153	97	81	42	3 272	3 491
$1,000	9 015	8 919	237	138	102	22	8 778	8 781
Agricultural chemicals[2] ..... farms	2 109	1 872	154	94	82	43	1 955	1 778
$1,000	2 816	2 018	326	141	55	9	2 490	1 877
Petroleum products ..... farms	5 470	6 274	165	(NA)	91	(NA)	5 305	(NA)
$1,000	10 935	16 168	519	(NA)	294	(NA)	10 416	(NA)
Electricity ..... farms	4 883	5 204	150	(NA)	89	(NA)	4 733	(NA)
$1,000	10 851	8 753	301	(NA)	136	(NA)	10 550	(NA)
Hired farm labor ..... farms	3 028	3 424	134	88	77	44	2 894	3 336
$1,000	31 704	28 865	2 863	1 136	1 150	391	28 841	27 728
Contract labor ..... farms	558	241	36	15	16	11	522	226
$1,000	1 515	435	268	16	33	12	1 247	419
Repairs and maintenance ..... farms	5 045	(NA)	161	(NA)	88	(NA)	4 884	(NA)
$1,000	20 056	(NA)	649	(NA)	254	(NA)	19 407	(NA)
Customwork, machine hire, and rental of machinery and equipment[3] ..... farms	1 612	1 469	28	(NA)	10	(NA)	1 584	(NA)
$1,000	2 702	1 936	77	(NA)	9	(NA)	2 625	(NA)
Interest[4] ..... farms	3 187	3 135	112	51	61	13	3 075	3 084
$1,000	22 539	25 245	719	326	364	76	21 820	24 919
Cash rent paid for land and buildings ..... farms	1 777	(NA)	53	(NA)	9	(NA)	1 724	(NA)
$1,000	4 688	(NA)	143	(NA)	(D)	(NA)	4 545	(NA)
Property taxes paid ..... farms	5 552	(NA)	159	(NA)	96	(NA)	5 393	(NA)
$1,000	14 467	(NA)	446	(NA)	249	(NA)	14 021	(NA)
All other farm production expenses ..... farms	5 505	(NA)	163	(NA)	97	(NA)	5 342	(NA)
$1,000	46 654	(NA)	1 676	(NA)	632	(NA)	44 978	(NA)
Commodity Credit Corporation loans ..... farms	26	5	2	(NA)	-	(NA)	24	(NA)
$1,000	157	(D)	(D)	(NA)	-	(NA)	(D)	(NA)
Government payments received ..... farms	633	(NA)	3	(NA)	1	(NA)	630	(NA)
$1,000	3 882	(NA)	2	(NA)	(D)	(NA)	3 880	(NA)
Other farm-related income[1] ..... farms	2 137	(NA)	30	(NA)	12	(NA)	2 107	(NA)
$1,000	7 556	(NA)	210	(NA)	118	(NA)	7 346	(NA)
Estimated market value of all machinery and equipment[1] ..... farms	5 872	6 308	171	104	97	47	5 701	6 204
$1,000	270 641	274 844	8 084	4 921	3 324	1 817	262 557	269 923
Average per farm ..... dollars	46 090	43 571	47 276	47 315	34 272	38 659	46 054	43 508
Inventory of livestock:								
Cattle and calves ..... farms	4 128	4 965	32	35	6	9	4 096	4 930
number	320 189	355 104	1 842	1 816	279	266	318 347	353 288
Milk cows ..... farms	2 846	3 585	24	16	4	2	2 822	3 569
number	178 967	191 089	1 249	923	214	(D)	177 718	190 166
Hogs and pigs ..... farms	370	732	7	20	2	5	363	712
number	5 133	4 233	422	92	(D)	12	4 711	4 141
Sheep and lambs ..... farms	605	527	4	8	2	3	601	519
number	20 456	12 840	83	403	(D)	64	20 373	12 437

[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	5 881	(X)	6 314	5 852
$1,000	(X)	1 521 489	1 304 574	1 064 707
Average per farm ..... dollars	(X)	258 713	206 616	181 939
Average per acre ..... dollars	(X)	1 124	842	640
Farms by value group:				
$1 to $39,999	544	11 003	503	559
$40,000 to $69,999	361	19 595	747	664
$70,000 to $99,999	501	41 261	755	751
$100,000 to $149,999	923	108 774	1 114	1 072
$150,000 to $199,999	772	127 453	728	1 020
$200,000 to $499,999	2 021	601 714	2 038	1 492
$500,000 to $999,999	619	399 325	335	243
$1,000,000 to $1,999,999	116	151 563		
$2,000,000 to $4,999,999	23	(D)	94	51
$5,000,000 or more	1	(D)		

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	5 872	270 641	6 308	274 844
Average per farm[1]	(X)	46 090	(X)	43 571
By value group:				
$1 to $4,999	389	1 019	403	1 162
$5,000 to $9,999	1 096	7 544	1 254	8 432
$10,000 to $19,999	887	11 985	1 013	13 931
$20,000 to $29,999	630	14 475	761	17 574
$30,000 to $49,999	794	28 835	817	30 104
$50,000 to $69,999	722	39 299	714	39 553
$70,000 to $99,999	534	42 655	531	42 051
$100,000 to $199,999	664	84 979	663	84 459
$200,000 to $499,999	148	35 351	146	34 178
$500,000 to $999,999	8	4 500	6	3 400
$1,000,000 or more	-	-		

[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	4 738	7 318	2 012	2 306	3 384	5 012	5 112	7 469	2 351
2 or 3	1 304	2 924	197	448	834	1 892	1 415	3 092	396
4 or more	236	1 196	11	54	151	721	145	825	17
Wheel tractors	5 448	15 295	1 504	2 059	5 094	13 236	5 703	15 274	2 606
2 or 3	2 513	6 184	387	848	2 370	5 866	2 763	6 768	1 061
4 or more	1 512	7 688	23	117	1 160	5 806	1 435	7 001	282
Less than 40 horsepower (PTO)	3 505	5 911	511	565	3 198	5 346	(NA)	(NA)	(NA)
40 horsepower (PTO) or more	3 779	9 384	1 088	1 494	3 495	7 890	(NA)	(NA)	(NA)
Grain and bean combines[1]	117	128	13	14	106	114	71	76	12
Cottonpickers and strippers	-	-	-	-	-	-	-	-	-
Mower conditioners	3 255	3 706	1 084	1 120	2 328	2 586	3 536	3 866	1 484
Pickup balers	3 472	3 882	683	723	2 884	3 159	3 933	4 167	901

[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	5 470	(X)	6 274	5 818
$1,000	(X)	10 935	16 168	9 449
Average per farm ... dollars	(X)	1 999	2 577	1 624
Gasoline and gasohol ... farms	4 755	(X)	5 910	5 652
$1,000	(X)	4 765	7 358	5 083
Average per farm ... dollars	(X)	1 002	1 245	899
Farms with expenses of—				
$1 to $499	2 165	435	2 523	2 600
$500 to $999	947	627	1 016	1 270
$1,000 to $1,999	938	1 214	1 123	1 106
$2,000 to $4,999	600	1 659	1 028	611
$5,000 to $9,999	83	548	193	55
$10,000 to $24,999	22	282	27	10
$25,000 or more	-	-		
Diesel fuel ... farms	3 513	(X)	3 722	3 329
$1,000	(X)	4 392	6 131	2 608
Average per farm ... dollars	(X)	1 250	1 647	783
Farms with expenses of—				
$1 to $499	1 461	280	1 203	1 649
$500 to $999	683	465	667	824
$1,000 to $1,999	676	882	834	578
$2,000 to $4,999	549	1 584	779	242
$5,000 to $9,999	118	758	200	32
$10,000 to $24,999	25	(D)	39	4
$25,000 or more	1	(D)		
Natural gas ... farms	163	(X)	58	35
$1,000	(X)	184	29	10
Average per farm ... dollars	(X)	1 131	506	286
Farms with expenses of—				
$1 to $99	11	(Z)	5	5
$100 to $499	59	16	35	26
$500 to $999	34	23	11	3
$1,000 to $1,999	17	20	4	1
$2,000 to $4,999	41	(D)	3	-
$5,000 to $9,999	-	-	-	-
$10,000 or more	1	(D)		
LP gas, fuel oil, kerosene, motor oil, grease, etc. ... farms	4 208	(X)	(NA)	(NA)
$1,000	(X)	1 593	2 650	1 748
Average per farm ... dollars	(X)	379	(NA)	(NA)
Farms with expenses of—				
$1 to $99	1 590	73	(NA)	(NA)
$100 to $499	1 736	405	(NA)	(NA)
$500 to $999	491	310	(NA)	(NA)
$1,000 to $1,999	245	321	(NA)	(NA)
$2,000 to $4,999	127	344	(NA)	(NA)
$5,000 to $9,999	17	(D)	(NA)	(NA)
$10,000 or more	2	(D)	(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	3 755	3 873	4 529
Commercial fertilizer[1] ... farms	3 425	3 588	4 238
acres on which used	284 133	310 956	359 946
$1,000	9 015	8 919	9 233
Lime ... farms	1 345	1 546	2 373
acres on which used	43 638	50 809	79 820
tons	73 269	87 860	131 822
Farms by tons used:			
1 to 49 tons	874	996	1 422
50 to 99 tons	245	286	555
100 to 199 tons	161	189	307
200 to 499 tons	57	69	80
500 to 999 tons	7	3	8
1,000 tons or more	1	3	1
Agricultural chemicals[1] ... farms	2 109	1 872	3 540
$1,000	2 816	2 018	2 702
Any chemicals, fertilizer, or lime used—Con.			
Sprays, dusts, granules, fumigants, etc., to control—			
Insects on hay and other crops ... farms	560	562	819
acres on which used	22 170	23 925	35 845
Nematodes in crops ... farms	68	115	123
acres on which used	5 063	8 519	5 969
Diseases in crops and orchards ... farms	238	235	289
acres on which used	7 366	7 920	8 833
Weeds, grass, or brush in crops and pasture ... farms	1 534	1 498	2 400
acres on which used	74 766	78 374	87 626
Chemicals used for defoliation or for growth control of crops or thinning of fruit ... farms	67	112	159
acres on which used	3 912	6 726	6 429

[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	5 877	6 315	5 852	21	8	16
	acres	1 407 868	1 574 441	1 633 049	3 593	1 996	4 247
Harvested cropland	farms	5 069	5 583	5 494	16	6	13
	acres	488 253	547 848	554 957	1 673	586	2 126
Full owners	farms	3 383	3 649	3 124	9	6	14
	acres	644 234	735 000	696 508	(D)	(D)	(D)
Harvested cropland	farms	2 727	3 061	2 840	6	5	11
	acres	170 645	208 144	200 608	590	(D)	(D)
Part owners	farms	2 089	2 277	2 396	10	1	2
	acres	681 072	756 204	855 294	1 894	(D)	(D)
Harvested cropland	farms	1 974	2 180	2 347	10	1	2
	acres	282 839	304 471	324 277	1 083	(D)	(D)
Tenants	farms	405	389	332	2	1	-
	acres	82 562	83 237	81 247	(D)	(D)	-
Harvested cropland	farms	368	342	307	-	-	-
	acres	34 769	35 233	30 072	-	-	-
Percent of tenancy	percent	6.9	6.2	5.7	9.5	12.5	-
Operators by place of residence:							
On farm operated		5 121	5 352	5 018	18	8	12
Not on farm operated		485	467	430	2	-	3
Not reported		271	496	404	1	-	1
Operators by principal occupation:							
Farming		3 762	4 093	4 006	10	4	9
Other		2 115	2 222	1 846	11	4	7
Operators by days of work off farm:							
None		2 854	3 023	3 110	8	3	8
Any		2 695	2 863	2 526	8	4	7
1 to 49 days		393	443	527	-	1	1
50 to 99 days		202	175	185	-	-	-
100 to 149 days		184	216	163	2	-	-
150 to 199 days		318	319	249	1	-	2
200 days or more		1 598	1 710	1 402	5	3	4
Not reported		328	429	216	5	1	1
Operators by years on present farm:							
2 years or less		329	372	(NA)	1	-	(NA)
3 or 4 years		437	611	(NA)	4	5	(NA)
5 to 9 years		1 031	1 075	(NA)	3	-	(NA)
10 years or more		3 345	3 292	(NA)	10	2	(NA)
Average years on present farm		18.1	17.0	(NA)	12.9	9.3	(NA)
Not reported		735	965	(NA)	3	1	(NA)
Operators by age group:							
Under 25 years		56	111	113	1	-	-
25 to 34 years		705	908	819	-	1	2
35 to 44 years		1 480	1 539	1 291	6	2	5
45 to 49 years		701	1 492	1 490	2	1	4
50 to 54 years		650			4		
55 to 59 years		660	1 324	1 271	3	3	5
60 to 64 years		595			5		
65 to 69 years		445	941	868	-	1	-
70 years and over		585			-		
Average age		50.4	49.1	49.4	49.9	48.6	47.9
Operators by sex:							
Male	farms	5 302	5 767	5 462	20	7	14
	acres	1 319 632	1 476 076	1 540 629	(D)	(D)	(D)
Female	farms	575	548	390	1	1	2
	acres	88 236	98 365	92 420	(D)	(D)	(D)
Operators of Spanish origin (see text)	farms	24	13	19	-	-	1
	acres	5 479	3 349	5 196	-	-	(D)
Operators not of Spanish origin	farms	4 280	(NA)	(NA)	12	(NA)	(NA)
Spanish origin not reported	farms	1 573	(NA)	(NA)	9	(NA)	(NA)
Type of organization:							
Individual or family (sole proprietorship)	farms	5 096	5 589	5 181	18	7	14
	acres	1 126 649	1 281 587	1 359 122	2 682	(D)	(D)
Partnership	farms	510	505	488	1	1	2
	acres	170 255	191 200	187 921	(D)	(D)	(D)
Corporation	farms	232	176	145	2	-	-
	acres	97 113	83 373	69 414	(D)	-	-
Family held:							
More than 10 stockholders	farms	3	7	4	-	-	-
	acres	3 651	5 705	2 352	-	-	-
10 or less stockholders	farms	206	149	121	2	-	-
	acres	82 857	66 557	57 327	(D)	-	-
Other than family held:							
More than 10 stockholders	farms	1	1	1	-	-	-
	acres	(D)	(D)	(D)	-	-	-
10 or less stockholders	farms	22	19	19	-	-	-
	acres	(D)	(D)	(D)	-	-	-
Other—cooperative, estate or trust, institutional, etc.	farms	39	45	38	-	-	-
	acres	13 851	18 281	16 592	-	-	-

[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	575	24	21	3	11	2	5
1982	548	13	8	1	6	1	-
Land in farms ..... acres, 1987	88 236	5 479	3 593	(D)	2 396	(D)	(D)
1982	98 365	3 349	1 996	(D)	(D)	(D)	-
Harvested cropland ..... farms, 1987	419	21	16	3	9	1	3
1982	413	13	6	-	5	1	-
acres, 1987	20 768	1 900	1 673	(D)	1 151	(D)	434
1982	24 559	960	586	-	(D)	(D)	-
1987 FARMS BY SIZE							
1 to 9 acres	43	-	2	-	-	-	2
10 to 49 acres	155	2	4	1	1	2	-
50 to 139 acres	146	7	5	-	3	-	2
140 to 219 acres	98	6	3	1	2	-	-
220 to 499 acres	104	7	7	1	5	-	1
500 acres or more	29	2	-	-	-	-	-
1987 OWNED AND RENTED LAND IN FARMS							
Owned land in farms ..... farms	553	22	19	3	11	2	3
acres	79 489	3 000	2 933	(D)	2 052	(D)	450
Rented or leased land in farms ..... farms	136	11	12	1	6	-	5
acres	8 747	2 479	660	(D)	344	-	(D)
TENURE OF OPERATOR							
Full owners ..... farms, 1987	439	13	9	2	5	2	-
1982	425	12	6	-	6	-	-
acres, 1987	61 210	(D)	(D)	(D)	1 452	(D)	-
1982	72 917	(D)	(D)	-	(D)	-	-
Part owners ..... farms, 1987	114	9	10	1	6	-	3
1982	97	1	1	-	-	1	-
acres, 1987	25 174	2 159	1 894	(D)	944	-	(D)
1982	23 493	(D)	(D)	-	-	(D)	-
Tenants ..... farms, 1987	22	2	2	-	-	-	2
1982	26	-	1	1	-	-	-
acres, 1987	1 852	(D)	(D)	-	-	-	(D)
1982	1 955	-	(D)	(D)	-	-	-
1987 FARMS BY TYPE OF ORGANIZATION							
Individual or family (sole proprietorship)	489	17	18	3	8	2	5
Partnership	53	5	1	-	1	-	-
Family held corporation	26	1	2	-	2	-	-
Other than family held corporation	1	-	-	-	-	-	-
Other—cooperative, estate or trust, institutional, etc.	6	1	-	-	-	-	-
1987 MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales ..... farms	575	24	21	3	11	2	5
$1,000	14 201	1 441	2 160	(D)	1 844	(D)	(D)
Crops, including nursery and greenhouse crops ..... farms	205	7	5	-	4	1	-
$1,000	1 432	374	10	-	(D)	(D)	-
Livestock, poultry, and their products ..... farms	405	19	19	3	11	2	3
$1,000	12 769	1 067	2 150	(D)	(D)	(D)	(D)
Farms by value of sales:							
Less than $2,500	227	7	7	2	1	2	2
$2,500 to $9,999	168	4	7	-	5	-	2
$10,000 to $19,999	41	1	-	-	-	-	-
$20,000 to $24,999	8	1	1	-	1	-	-
$25,000 or more	131	11	6	1	4	-	1
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)	-	-	-	-	-	-	-
Field crops, except cash grains (013)	97	2	2	-	2	-	-
Cotton (0131)	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	97	2	2	-	2	-	-
Vegetables and melons (016)	21	-	1	-	-	1	-
Fruits and tree nuts (017)	10	1	-	-	-	-	-
Horticultural specialties (018)	24	1	-	-	-	-	-
General farms, primarily crop (019)	23	-	-	-	-	-	-
Livestock, except dairy, poultry, and animal specialties (021)	174	9	10	1	4	1	4
Beef cattle, except feedlots (0212)	61	6	6	1	3	-	2
Dairy farms (024)	120	9	5	1	3	-	1
Poultry and eggs (025)	2	-	3	1	2	-	-
Animal specialties (027)	88	1	-	-	-	-	-
General farms, primarily livestock and animal specialties (029)	16	1	-	-	-	-	-

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	499	23	18	3	10	2	3
Not on farm operated	52	1	2	-	-	-	2
Not reported	24	-	1	-	1	-	-
Operators by principal occupation:							
Farming	328	16	10	1	5	1	3
Other	247	8	11	2	6	1	2
Operators by days of work off farm:							
None	271	14	8	1	1	1	5
Any	425	19	8	3	8	2	-
1 to 99 days	59	-	-	-	-	-	-
100 to 199 days	212	10	3	2	5	1	-
200 days or more	154	9	5	1	3	1	-
Not reported	33	-	5	-	5	-	-
Operators by years on present farm:							
2 years or less	34	3	1	-	-	1	-
3 or 4 years	61	2	4	1	1	-	2
5 to 9 years	115	2	3	-	1	-	2
10 years or more	283	15	10	2	6	1	1
Average years on present farm	16.7	16.8	12.9	15.0	15.0	(D)	10.8
Not reported	82	2	3	-	3	-	-
Operators by age group:							
Under 25 years	1	1	1	-	1	-	-
25 to 34 years	73	-	-	-	-	-	-
35 to 44 years	136	7	6	1	1	2	2
45 to 54 years	122	11	6	1	4	-	1
55 to 59 years	63	3	3	1	2	-	-
60 to 64 years	50	-	5	-	3	-	2
65 to 69 years	53	1	-	-	-	-	-
70 years and over	77	1	-	-	-	-	-
Average age	51.8	48.3	49.9	49.7	52.4	(D)	49.0
Operators by sex:							
Male	(X)	23	20	3	11	1	5
Female	575	1	1	-	-	1	-
Operators of Spanish origin[1]	1	24	-	-	-	-	-
1987 COMMODITY CREDIT CORPORATION LOANS AND GOVERNMENT PAYMENTS							
Amount received from Commodity Credit Corporation loans — farms	3	-	-	-	-	-	-
$1,000	11	-	-	-	-	-	-
Government payments received — farms	32	-	2	-	1	-	1
$1,000	93	-	(D)	-	(D)	-	(D)

[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	**5 877**	**1 407 868**	**488 253**	**258 713**	**46 090**	**375 537**	**25 186**	**350 351**
Crops (01)	1 418	225 418	61 770	283 237	41 356	21 542	20 836	707
Cash grains (011)	9	2 527	897	456 400	66 940	113	109	4
Wheat (0111)	-	-	-	-	-	-	-	-
Rice (0112)	-	-	-	-	-	-	-	-
Corn (0115)	8	(D)	(D)	456 400	66 940	(D)	(D)	(D)
Soybeans (0116)	-	-	-	-	-	-	-	-
Cash grains, n.e.c. (0119)	1	(D)	(D)	-	-	(D)	(D)	(D)
Field crops, except cash grains (013)	818	158 605	46 495	307 191	35 452	5 610	5 065	545
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugarcane and sugar beets (0133)	-	-	-	-	-	-	-	-
Irish potatoes (0134)	6	1 015	495	(D)	(D)	255	(D)	(D)
Field crops, except cash grains, n.e.c. (0139)	812	157 590	46 000	(D)	(D)	5 356	(D)	(D)
Vegetables and melons (016)	104	8 235	1 844	182 243	35 229	2 184	2 128	57
Fruits and tree nuts (017)	136	21 912	5 319	459 306	75 156	8 205	8 177	28
Berry crops (0171)	27	4 021	208	210 857	39 143	225	(D)	(D)
Grapes (0172)	-	-	-	-	-	-	-	-
Tree nuts (0173)	-	-	-	-	-	-	-	-
Citrus fruits (0174)	-	-	-	-	-	-	-	-
Deciduous tree fruits (0175)	76	15 004	4 795	576 279	96 260	7 930	7 905	24
Fruits and tree nuts, n.e.c. (0179)	33	2 887	316	185 083	20 542	51	(D)	(D)
Horticultural specialties (018)	137	4 581	750	125 300	40 909	4 840	4 825	15
Ornamental floriculture and nursery products (0181)	135	(D)	(D)	125 300	40 909	(D)	(D)	15
Food crops grown under cover (0182)	2	(D)	(D)	-	-	(D)	(D)	-
General farms, primarily crop (019)	214	29 558	6 465	201 317	28 028	590	532	58
Livestock and animal specialties (02)	4 459	1 182 450	426 483	369 801	77 541	353 994	4 350	349 644
Livestock, except dairy, poultry, and animal specialties (021)	1 436	213 325	43 027	218 111	26 979	19 891	723	19 168
Beef cattle feedlots (0211)	136	16 137	3 093	197 485	22 465	1 480	38	1 442
Beef cattle, except feedlots (0212)	870	135 358	32 027	220 810	27 949	15 938	471	15 467
Hogs (0213)	71	6 300	913	127 571	23 294	517	30	487
Sheep and goats (0214)	288	41 722	4 339	231 586	21 628	1 379	126	1 253
General livestock, except dairy, poultry, and animal specialties (0219)	71	13 808	2 655	249 118	43 306	577	58	518
Dairy farms (024)	2 586	914 312	377 461	418 143	94 445	324 961	2 939	322 022
Poultry and eggs (025)	62	6 198	819	179 708	55 619	5 389	317	5 072
Broiler, fryer, and roaster chickens (0251)	3	480	(D)	-	-	(D)	-	(D)
Chicken eggs (0252)	41	3 189	544	212 059	69 688	5 129	298	4 831
Turkeys and turkey eggs (0253)	11	1 027	(D)	(D)	(D)	(D)	(D)	157
Poultry hatcheries (0254)	-	-	-	-	-	-	-	-
Poultry and eggs, n.e.c. (0259)	7	1 502	45	(D)	(D)	85	(D)	(D)
Animal specialties (027)	307	28 212	2 407	207 707	17 428	2 120	25	2 095
Fur-bearing animals and rabbits (0271)	15	1 234	72	(D)	(D)	366	-	366
Horses and other equines (0272)	249	25 196	2 256	222 971	18 097	(D)	23	(D)
Animal aquaculture (0273)	1	(D)	(D)	-	-	(D)	-	(D)
Animal specialties, n.e.c. (0279)	42	(D)	(D)	(D)	(D)	262	2	259
General farms, primarily livestock and animal specialties (029)	68	20 403	2 769	472 208	39 717	1 633	346	1 287

[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	8	8
Land in farms	acres	3 752	4 361
Average size of farm	acres	469	545
Value of land and buildings[1]	$1,000	6 160	7 265
Average per farm	dollars	770 000	908 125
Average per acre	dollars	1 642	1 666
Estimated market value of all machinery and equipment[1]	$1,000	508	699
Land in farms according to use:			
Total cropland	farms	8	8
	acres	1 138	1 465
Harvested cropland	farms	8	8
	acres	722	1 165
Cropland used only for pasture or grazing	farms	5	4
	acres	(D)	238
Other cropland	farms	3	(NA)
	acres	(D)	62
Total woodland	farms	7	7
	acres	2 109	2 403
Woodland pastured	farms	2	3
	acres	(D)	367
Woodland not pastured	farms	7	7
	acres	(D)	2 036
Pastureland and rangeland other than cropland and woodland pastured	farms	6	6
	acres	264	337
Land in house lots, ponds, roads, wasteland, etc.	farms	7	7
	acres	241	156
Irrigated land	farms	2	-
	acres	(D)	-

Characteristics		1987	1982
Market value of agricultural products sold	$1,000	670	687
Average per farm	dollars	83 781	85 875
Crops, including nursery and greenhouse crops	$1,000	33	(D)
Livestock, poultry, and their products	$1,000	637	(D)
Total farm production expenses[1]	$1,000	825	(NA)
Average per farm	dollars	103 175	(NA)
Tenure of operator:			
Full owners		6	4
Part owners		2	4
Tenants		-	-
Abnormal farms by standard industrial classification:			
Cash grains (011)		-	-
Field crops, except cash grains (013)		1	2
Cotton (0131)		-	-
Tobacco (0132)		-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)		1	2
Vegetables and melons (016)		-	-
Fruits and tree nuts (017)		1	1
Horticultural specialties (018)		-	-
General farms, primarily crop (019)		1	-
Livestock, except dairy, poultry, and animal specialties (021)		-	1
Beef cattle, except feedlots (0212)		-	1
Dairy farms (024)		4	4
Poultry and eggs (025)		-	-
Animal specialties (027)		1	-
General farms, primarily livestock and animal specialties (029)		-	-

[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	5 024	(X)	212 036	4 668	(X)	350 351
	1982	5 613	(X)	258 825	5 231	(X)	349 348
	1978	5 057	(X)	191 791	4 833	(X)	254 162
Poultry	1987	776	(X)	944	371	(X)	5 224
	1982	1 065	(X)	1 146	487	(X)	6 152
	1978	898	(X)	1 290	361	(X)	6 246
Livestock	1987	4 975	(X)	211 091	4 596	(X)	345 126
	1982	5 568	(X)	257 679	5 159	(X)	343 196
	1978	5 014	(X)	190 501	4 785	(X)	247 916
Any cattle, hogs, or sheep	1987	4 466	(X)	205 400	4 343	(X)	44 161
	1982	5 205	(X)	255 531	4 952	(X)	37 076
	1978	4 737	(X)	189 558	4 597	(X)	28 710
Cattle and calves	1987	4 128	320 189	203 135	3 919	170 741	42 148
	1982	4 965	355 104	253 975	4 620	157 002	35 955
	1978	4 591	316 984	188 740	4 424	157 282	28 055
Cows and heifers that had calved	1987	3 715	188 772	152 146	(NA)	(NA)	(NA)
	1982	4 465	200 562	192 004	(NA)	(NA)	(NA)
	1978	4 256	193 460	151 930	(NA)	(NA)	(NA)
Beef cows	1987	1 180	9 805	5 393	(NA)	(NA)	(NA)
	1982	1 360	9 473	4 737	(NA)	(NA)	(NA)
	1978	1 166	8 600	4 042	(NA)	(NA)	(NA)
Milk cows	1987	2 846	178 967	146 753	(NA)	(NA)	(NA)
	1982	3 585	191 089	187 267	(NA)	(NA)	(NA)
	1978	3 576	184 860	147 888	(NA)	(NA)	(NA)
Hogs and pigs	1987	370	5 133	536	239	7 595	660
	1982	732	4 233	337	385	7 012	499
	1978	689	5 234	450	329	8 259	419
Feeder pigs sold	1987	(X)	(X)	(X)	68	3 598	146
	1982	(X)	(X)	(X)	118	4 632	167
	1978	(X)	(X)	(X)	113	3 971	108
Sheep and lambs[2]	1987	605	20 456	1 729	515	19 348	1 354
	1982	527	12 840	1 220	406	8 772	623
	1978	341	6 446	367	236	4 335	236
Horses and ponies	1987	1 427	7 588	5 691	265	887	1 642
	1982	1 483	7 160	2 148	284	868	1 296
	1978	1 380	6 289	943	266	778	676
Chickens 3 months old or older[3]	1987	649	405 869	927	77	372 481	(NA)
	1982	892	499 462	1 133	142	435 711	(NA)
	1978	770	524 457	1 256	118	410 901	(NA)
Hens and pullets of laying age	1987	645	358 595	861	74	310 311	(NA)
	1982	890	460 820	1 060	139	(D)	(NA)
	1978	760	(D)	(D)	114	(D)	(NA)
Broilers and other meat-type chickens	1987	114	4 449	3	53	5 231	(NA)
	1982	198	7 951	5	55	(D)	(NA)
	1978	137	6 422	4	42	(D)	(NA)
Turkeys	1987	146	2 631	14	99	17 982	(NA)
	1982	179	1 637	8	80	4 675	(NA)
	1978	89	4 410	30	30	11 121	(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	649	405 869	892	499 462	Hens and pullets[1]	77	372 481	142	435 711
Farms with—					Farms with—				
1 to 3,199	640	(D)	879	35 162	1 to 3,199	67	5 981	130	16 211
3,200 to 9,999	1	(D)	3	17 300	3,200 to 9,999	4	26 500	4	28 500
10,000 or more	8	368 000	10	447 000	10,000 or more	6	340 000	8	391 000
Hens and pullets of laying age	645	358 595	890	460 820	Hens and pullets of laying age	74	310 311	139	(D)
Farms with—					Farms with—				
1 to 99	610	12 562	843	17 827	1 to 99	52	1 133	103	2 622
100 to 399	18	3 169	22	4 065	100 to 399	9	1 580	19	3 355
400 to 3,199	8	11 864	13	12 628	400 to 3,199	3	3 098	6	(D)
3,200 to 9,999	1	(D)	4	29 500	3,200 to 9,999	4	(D)	4	28 500
10,000 to 19,999	2	(D)	4	57 800	10,000 to 19,999	1	(D)	4	55 800
20,000 to 49,999	5	168 000	3	(D)	20,000 to 49,999	4	140 000	2	(D)
50,000 to 99,999	-	-	-	-	50,000 to 99,999	-	-	-	-
100,000 or more	1	(D)	1	(D)	100,000 or more	1	(D)	1	(D)
Broilers and other meat-type chickens	114	4 449	198	7 951	Broilers and other meat-type chickens	53	5 231	55	(D)
Turkeys	146	2 631	179	1 637	Turkeys	99	17 982	80	4 675
For slaughter	138	2 495	165	1 569	For slaughter	97	(D)	80	(D)
Hens kept for breeding	10	136	29	68	Hens kept for breeding	2	(D)	1	(D)
Ducks, geese, and other poultry	206	(X)	306	(X)	Ducks, geese, and other poultry	32	(X)	39	(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	**53**	**5 231**	**55**	**(D)**	**7**	**62 170**	**10**	**(D)**
Farms with—								
1 to 1,999	53	5 231	52	3 449	4	170	7	117
2,000 to 15,999	-	-	1	(D)	1	(D)	1	(D)
16,000 to 29,999	-	-	1	(D)	1	(D)	2	(D)
30,000 to 59,999	-	-	-	-	1	(D)	-	-
60,000 to 99,999	-	-	1	(D)	-	-	-	-
100,000 to 199,999	-	-	-	-	-	-	-	-
200,000 to 499,999	-	-	-	-	-	-	-	-
200,000 to 299,999	-	-	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
300,000 to 499,999	-	-	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
500,000 or more	-	-	-	-	-	-	-	-

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	649	405 869	645	358 595	76	47 274	20	(D)	91	2 670
Farms with—										
1 to 99	611	(D)	607	12 297	66	698	12	308	89	(D)
100 to 399	21	3 510	21	3 434	3	76	3	120	2	(D)
400 to 1,599	5	3 914	5	(D)	2	(D)	2	(D)	-	-
1,600 to 3,199	3	8 450	3	8 450	-	-	-	-	-	-
3,200 to 9,999	1	(D)	1	(D)	-	-	-	-	-	-
10,000 to 19,999	1	(D)	1	(D)	-	-	-	-	-	-
20,000 to 49,999	5	178 000	5	142 000	4	36 000	2	(D)	-	-
50,000 to 99,999	1	(D)	1	(D)	1	(D)	1	(D)	-	-
100,000 or more	1	(D)	1	(D)	-	-	-	-	-	-
No inventory	(X)	(X)	(X)	(X)	(X)	(X)	1	(D)	23	1 779

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	63	366 955	60	304 785	7	62 170	39	1 962	289	4 878
Farms with—										
1 to 99	39	893	36	823	3	70	37	(D)	251	69
100 to 399	10	1 304	10	(D)	1	(D)	2	(D)	21	55
400 to 1,599	2	(D)	2	(D)	-	-	-	-	5	56
1,600 to 3,199	3	3 098	3	3 098	-	-	-	-	3	149
3,200 to 9,999	1	(D)	1	(D)	-	-	-	-	1	(D)
10,000 to 19,999	1	(D)	1	(D)	-	-	-	-	1	(D)
20,000 to 49,999	5	150 000	5	(D)	2	(D)	-	-	5	2 033
50,000 to 99,999	1	(D)	1	(D)	1	(D)	-	-	1	(D)
100,000 or more	1	(D)	1	(D)	-	-	-	-	1	(D)
No inventory	14	5 526	14	5 526	-	-	14	3 269	82	346

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	99	17 982	97	(D)	2	(D)
Farms with—						
1 to 1,999	95	8 182	93	(D)	2	(D)
2,000 to 7,999	4	9 800	4	9 800	-	-
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	4 128	320 189	4 965	355 104
Farms with—				
1 to 9	675	3 170	830	4 136
10 to 19	395	5 467	523	7 068
20 to 49	717	23 937	894	29 999
50 to 99	1 168	84 540	1 412	102 577
100 to 199	903	119 848	1 051	137 168
200 to 499	244	65 237	242	64 809
500 to 999	25	(D)	12	(D)
1,000 to 2,499	-	-	1	(D)
2,500 or more	1	(D)	-	-
Cows and heifers that had calved	3 715	188 772	4 465	200 562
Farms with—				
1 to 9	849	3 212	1 116	4 093
10 to 19	287	3 819	304	4 127
20 to 49	949	34 175	1 344	47 479
50 to 99	1 192	79 900	1 308	86 873
100 to 199	360	44 903	331	40 711
200 to 499	75	19 813	59	14 779
500 to 999	2	(D)	2	(D)
1,000 or more	1	(D)	1	(D)
Beef cows	1 180	9 805	1 360	9 473
Farms with—				
1 to 9	859	3 121	1 084	3 705
10 to 19	214	2 670	191	2 392
20 to 49	91	2 449	67	1 814
50 to 99	11	651	10	580
100 to 199	3	(D)	7	(D)
200 to 499	2	(D)	1	(D)
500 to 999	-	-	-	-
1,000 or more	-	-	-	-
Milk cows	2 846	178 967	3 585	191 089
Farms with—				
1 to 4	226	421	416	720
5 to 9	41	263	70	450
10 to 29	249	5 240	441	9 404
30 to 49	729	28 633	977	38 249
50 to 99	1 173	78 466	1 301	86 266
100 to 199	353	44 022	321	39 450
200 to 499	72	18 972	56	14 050
500 or more	3	2 950	3	2 500
Heifers and heifer calves	3 388	113 021	4 393	135 143
Steers, steer calves, bulls, and bull calves	2 151	18 396	2 947	19 399

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	3 919	170 741	42 148	4 620	157 002	35 955
Farms with—						
1 to 9	942	4 074	1 533	1 270	5 326	1 978
10 to 19	547	7 680	2 101	754	10 748	2 739
20 to 49	1 296	43 219	8 755	1 676	54 469	11 128
50 to 99	812	53 749	11 795	709	46 885	9 479
100 to 199	243	31 639	7 755	159	20 478	4 874
200 to 499	60	16 752	5 180	43	12 656	3 565
500 to 999	17	(D)	(D)	8	(D)	(D)
1,000 to 2,499	2	(D)	(D)	1	(D)	(D)
2,500 or more	-	-	-	-	-	-
Cattle sold	3 544	61 872	30 450	4 188	53 619	27 461
Farms with—						
1 to 9	1 639	7 347	3 304	2 323	10 430	4 837
10 to 19	970	12 954	5 874	1 098	14 493	6 962
20 to 49	717	20 486	10 094	637	17 537	9 169
50 to 99	157	10 335	5 654	103	6 511	3 904
100 to 199	47	6 182	3 296	19	2 288	1 379
200 to 499	13	(D)	(D)	8	2 360	1 209
500 to 999	1	(D)	(D)	-	-	-
1,000 or more	-	-	-	-	-	-
Cattle fattened on grain and concentrates sold	372	4 608	2 332	469	4 021	1 881
Farms with—						
1 to 9	260	896	451	373	1 116	540
10 to 19	59	773	342	48	641	279
20 to 49	40	1 228	601	38	976	509
50 to 99	7	441	288	6	358	185
100 to 199	4	(D)	(D)	3	(D)	(D)
200 to 499	2	(D)	(D)	1	(D)	(D)
500 to 999	-	-	-	-	-	-
1,000 to 2,499	-	-	-	-	-	-
2,500 or more	-	-	-	-	-	-
Calves sold	3 092	108 869	11 698	3 689	103 383	8 494
Farms with—						
1 to 9	674	2 664	296	934	3 798	366
10 to 19	529	7 341	583	775	10 687	633
20 to 49	1 317	41 122	2 656	1 515	45 168	2 347
50 to 99	437	28 032	1 838	368	22 971	1 156
100 to 199	93	11 558	710	64	7 886	486
200 to 499	26	6 850	1 615	26	8 063	1 862
500 or more	16	11 302	4 000	7	4 810	1 646

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	4 128	320 189	3 715	188 772	3 388	113 021	2 151	18 396	3 790	163 948	38 833
Farms with—											
1 to 9	675	3 170	552	1 701	311	736	327	733	340	2 919	1 179
10 to 19	395	5 467	302	2 276	300	2 108	266	1 083	394	3 695	1 416
20 to 49	717	23 937	585	12 542	604	8 694	389	2 701	717	13 567	3 928
50 to 99	1 168	84 540	1 137	54 693	1 071	26 915	537	2 932	1 166	44 819	9 192
100 to 199	903	119 848	883	71 182	854	43 397	470	5 269	903	57 058	12 776
200 to 499	244	65 237	234	36 977	228	25 162	146	3 098	244	32 555	7 898
500 to 999	25	(D)	21	(D)	19	(D)	15	(D)	25	(D)	(D)
1,000 to 2,499	-	-	-	-	-	-	-	-	-	-	-
2,500 or more	1	(D)	1	(D)	1	(D)	1	(D)	1	(D)	(D)
No inventory	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	129	6 793	3 315

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	3 715	304 903	3 715	188 772	3 057	105 256	1 899	10 875	3 457	145 536	30 842
Farms with—											
1 to 4	583	4 634	583	1 476	325	1 921	327	1 237	347	3 037	1 172
5 to 9	266	4 611	266	1 736	181	1 865	171	1 010	246	2 315	834
10 to 19	287	6 966	287	3 819	209	1 904	187	1 243	287	4 267	1 497
20 to 29	202	7 996	202	4 927	169	2 547	94	522	202	3 633	917
30 to 49	747	47 312	747	29 248	689	16 158	310	1 906	746	23 459	4 856
50 to 99	1 192	126 911	1 192	79 900	1 095	44 051	566	2 960	1 191	61 247	12 122
100 to 199	360	70 955	360	44 903	324	24 692	201	1 360	360	32 087	6 320
200 to 499	75	30 770	75	19 813	63	(D)	42	(D)	75	13 227	2 733
500 to 999	2	(D)	2	(D)	1	(D)	-	-	2	(D)	(D)
1,000 or more	1	(D)	1	(D)	1	(D)	1	(D)	1	(D)	(D)
No inventory	413	15 286	(X)	(X)	331	7 765	252	7 521	462	25 205	11 306

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	1 180	39 961	1 180	22 651	1 180	9 805	766	11 882	756	5 428
Farms with—										
1 to 4	613	17 370	613	9 658	613	1 517	391	5 974	353	1 738
5 to 9	246	6 907	246	3 461	246	1 604	166	2 463	161	983
10 to 19	214	7 098	214	4 106	214	2 670	142	1 749	163	1 243
20 to 29	60	3 425	60	2 228	60	1 353	38	715	43	482
30 to 49	31	2 556	31	1 493	31	1 096	18	491	23	572
50 to 99	11	1 361	11	791	11	651	9	(D)	10	(D)
100 to 199	3	(D)	3	(D)	3	(D)	-	-	1	(D)
200 to 499	2	(D)	2	(D)	2	(D)	2	(D)	2	(D)
500 to 999	-	-	-	-	-	-	-	-	-	-
1,000 or more	-	-	-	-	-	-	-	-	-	-
No inventory	2 948	280 228	2 535	166 121	(X)	(X)	2 622	101 139	1 395	12 968

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	975	19 722	5 822	882	10 338	4 921	206	1 260	628	549	9 384	900
Farms with—												
1 to 4	423	8 990	2 265	385	3 702	1 764	63	222	105	233	5 288	502
5 to 9	231	2 749	870	206	1 618	774	62	438	221	129	1 131	96
10 to 19	214	4 362	1 406	192	2 920	1 273	54	259	128	121	1 442	133
20 to 29	60	1 456	522	56	866	447	14	109	53	36	590	75
30 to 49	31	966	328	27	662	294	9	164	80	16	304	34
50 to 99	11	553	178	11	214	141	3	(D)	(D)	9	339	37
100 to 199	3	(D)	(D)	3	(D)	(D)	-	-	-	3	(D)	(D)
200 to 499	2	(D)	(D)	2	(D)	(D)	1	(D)	(D)	2	(D)	(D)
500 to 999	-	-	-	-	-	-	-	-	-	-	-	-
1,000 or more	-	-	-	-	-	-	-	-	-	-	-	-
No inventory	2 944	151 019	36 327	2 662	51 534	25 529	166	3 348	1 704	2 543	99 485	10 797

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	2 846	288 508	2 846	180 871	2 846	178 967	2 536	100 726	1 337	6 911
Farms with—										
1 to 4	226	2 575	226	971	226	421	136	1 122	133	482
5 to 9	41	720	41	317	41	263	31	284	18	119
10 to 19	90	2 501	90	1 401	90	1 310	83	963	35	137
20 to 29	159	6 481	159	4 001	159	3 930	144	2 259	67	221
30 to 49	729	46 252	729	28 895	729	28 633	679	15 905	292	1 452
50 to 99	1 173	125 430	1 173	79 111	1 173	78 466	1 077	43 647	554	2 672
100 to 199	353	70 238	353	44 226	353	44 022	324	24 712	198	1 300
200 to 499	72	29 563	72	18 999	72	18 972	60	(D)	39	(D)
500 or more	3	4 748	3	2 950	3	2 950	2	(D)	1	(D)
No inventory	1 282	31 681	869	7 901	(X)	(X)	852	12 295	814	11 485

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	2 763	136 394	27 285	2 508	45 801	2 526	90 593	2 617	294 997
Farms with—									
1 to 4	147	1 261	420	123	751	75	510	28	14
5 to 9	39	515	123	30	221	29	294	14	88
10 to 19	90	1 206	373	77	673	76	533	86	1 776
20 to 29	159	3 045	645	139	1 141	146	1 904	159	5 496
30 to 49	728	23 084	4 661	655	7 995	681	15 089	729	43 018
50 to 99	1 172	60 573	11 916	1 085	19 565	1 116	41 008	1 173	130 441
100 to 199	353	31 693	6 148	333	10 462	334	21 231	353	76 558
200 to 499	72	12 753	2 608	63	4 333	66	8 420	72	32 548
500 or more	3	2 264	391	3	660	3	1 604	3	5 056
No inventory	1 156	34 347	14 863	1 036	16 071	566	18 276	74	3 529

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	3 919	170 741	42 148	3 544	61 872	30 450	372	4 608	2 332	3 092	108 869	11 698
Farms with—												
1 to 4	509	1 197	487	419	875	434	114	233	124	174	322	53
5 to 9	433	2 877	1 046	390	1 890	941	75	332	162	248	987	104
10 to 19	547	7 680	2 101	476	3 887	1 784	61	415	184	402	3 793	318
20 to 49	1 296	43 219	8 755	1 191	15 244	6 960	67	960	455	1 183	27 975	1 795
50 to 99	812	53 749	11 795	785	19 212	9 577	36	872	430	776	34 537	2 218
100 to 199	243	31 639	7 755	227	12 137	6 373	10	489	316	233	19 502	1 382
200 to 499	60	16 752	5 180	48	6 699	3 379	8	(D)	(D)	58	10 053	1 801
500 to 999	17	(D)	(D)	7	(D)	(D)	1	(D)	(D)	16	(D)	(D)
1,000 or more	2	(D)	(D)	1	(D)	(D)	-	-	-	2	(D)	(D)

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	370	5 133	732	4 233
Farms with—				
1 to 24	345	1 625	706	2 740
25 to 49	10	343	17	555
50 to 99	3	255	6	438
100 to 199	4	630	3	500
200 to 499	8	2 280	-	-
500 to 999	-	-	-	-
1,000 to 1,999	-	-	-	-
2,000 to 4,999	-	-	-	-
5,000 or more	-	-	-	-
Hogs and pigs used or to be used for breeding	154	1 049	204	978
Farms with—				
1 to 24	140	509	199	(D)
25 to 49	11	390	2	(D)
50 to 99	3	150	3	151
100 to 199	-	-	-	-
200 or more	-	-	-	-
Other hogs and pigs	320	4 084	672	3 255

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	239	7 595	660	385	7 012	499
Farms with—						
1 to 24	184	1 203	154	315	1 815	204
25 to 49	27	947	70	31	1 035	66
50 to 99	9	656	52	25	1 510	88
100 to 199	11	1 560	118	8	1 030	63
200 to 499	7	(D)	(D)	6	1 622	78
500 to 999	1	(D)	(D)	-	-	-
1,000 to 1,999	-	-	-	-	-	-
2,000 to 4,999	-	-	-	-	-	-
5,000 or more	-	-	-	-	-	-
Feeder pigs sold	68	3 598	146	118	4 632	167
Farms with—						
1 to 9	16	75	3	37	210	8
10 to 49	37	932	35	54	1 275	42
50 to 99	6	455	16	15	944	30
100 to 199	5	736	23	7	922	35
200 to 499	4	1 400	69	5	1 281	52
500 to 999	-	-	-	-	-	-
1,000 or more	-	-	-	-	-	-
Other hogs and pigs sold	211	3 997	514	331	2 380	332
Farms with—						
1 to 24	182	976	156	(NA)	(NA)	(NA)
25 to 49	11	365	50	(NA)	(NA)	(NA)
50 to 99	7	474	62	(NA)	(NA)	(NA)
100 to 199	6	650	78	(NA)	(NA)	(NA)
200 to 499	5	1 532	168	(NA)	(NA)	(NA)
500 to 999	-	-	-	(NA)	(NA)	(NA)
1,000 to 1,999	-	-	-	(NA)	(NA)	(NA)
2,000 to 4,999	-	-	-	(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	161	1 327	221	1 006
Farms with—				
1 to 9	137	392	194	498
10 to 19	7	88	19	237
20 to 49	9	250	7	(D)
50 to 99	6	(D)	1	(D)
100 to 199	2	(D)	-	-
200 to 499	-	-	-	-
500 or more	-	-	-	-
Dec. 1 of preceding year and May 31	148	701	179	541
June 1 and Nov. 30	113	626	142	465

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	370	5 133	154	1 049	320	4 084	202	7 417	630	67	(D)	(D)
Farms with—												
1 to 9	300	1 009	101	280	251	729	132	1 616	162	31	718	27
10 to 24	45	616	31	162	44	454	45	1 590	119	20	955	31
25 to 99	13	598	10	154	13	444	13	450	40	8	197	8
100 to 199	4	630	4	113	4	517	4	739	69	3	287	10
200 to 499	8	2 280	8	340	8	1 940	8	3 022	240	5	1 410	69
500 to 999	-	-	-	-	-	-	-	-	-	-	-	-
1,000 or more	-	-	-	-	-	-	-	-	-	-	-	-
No inventory	(X)	(X)	(X)	(X)	(X)	(X)	37	178	30	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	202	4 671	120	987	166	3 684	239	7 595	660	68	3 598	146
Farms with—												
1 to 9	97	475	32	64	85	411	131	417	73	12	47	2
10 to 49	77	1 039	61	309	59	730	80	1 733	151	38	866	30
50 to 99	9	234	8	89	6	145	9	656	52	5	375	13
100 to 199	11	778	11	190	8	588	11	1 560	118	8	900	32
200 to 499	7	(D)	7	(D)	7	(D)	7	(D)	(D)	4	(D)	(D)
500 to 999	1	(D)	1	(D)	1	(D)	1	(D)	(D)	1	(D)	(D)
1,000 or more	-	-	-	-	-	-	-	-	-	-	-	-
None sold	168	462	34	62	154	400	(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	159	4 334	154	1 049	109	3 285	127	7 106	574	68	3 598	146
Farms with—												
1	40	167	40	56	28	111	24	112	14	9	35	1
2 to 4	71	495	68	206	42	289	54	817	73	28	421	15
5 to 9	25	466	23	150	18	316	25	1 188	92	15	672	24
10 to 19	6	398	6	83	5	315	7	683	55	4	353	12
20 to 49	9	728	9	229	8	499	9	1 542	93	7	1 112	44
50 to 99	6	(D)	6	(D)	6	(D)	6	(D)	(D)	5	1 005	50
100 to 199	2	(D)	2	(D)	2	(D)	2	(D)	(D)	-	-	-
200 or more	-	-	-	-	-	-	-	-	-	-	-	-
No litters farrowed	211	799	-	-	211	799	112	489	85	-	-	-

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	161	1 327	148	701	113	626
Farms with—						
1	41	41	34	34	7	7
2 to 4	71	191	66	105	60	86
5 to 9	25	160	24	84	23	76
10 to 19	7	88	7	50	6	38
20 to 49	9	250	9	127	9	123
50 to 99	6	(D)	6	(D)	6	(D)
100 to 199	2	(D)	2	(D)	2	(D)
200 or more	-	-	-	-	-	-

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	605	20 456	527	12 840
Farms with—				
1 to 24	407	4 011	386	3 314
25 to 99	157	6 931	116	4 927
100 to 299	33	5 242	22	3 580
300 to 999	7	(D)	3	1 019
1,000 to 2,499	1	(D)	-	-
2,500 or more	-	-	-	-
Ewes 1 year old or older	542	12 824	461	8 910
Sheep and lambs shorn	523	18 312	437	10 885
Pounds of wool	(X)	131 750	(X)	79 516
Sheep and lambs sold	515	19 348	406	8 772
Value of sales from sheep, lambs, and wool ($1,000)	576	1 354	480	623

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	605	20 456	542	12 824	512	18 115	130 076	484	18 559	545	1 309
Farms with—											
1 to 24	407	4 011	348	2 635	318	3 328	25 195	286	3 424	347	211
25 to 99	157	6 931	154	4 641	154	6 332	46 248	157	6 082	157	404
100 to 299	33	5 242	33	3 614	33	4 495	28 823	33	3 724	33	294
300 to 999	7	(D)	6	(D)	6	(D)	(D)	7	(D)	7	(D)
1,000 to 2,499	1	(D)	1	(D)	1	(D)	(D)	1	(D)	1	(D)
2,500 to 4,999	-	-	-	-	-	-	-	-	-	-	-
5,000 or more	-	-	-	-	-	-	-	-	-	-	-
No inventory	(X)	(X)	(X)	(X)	11	197	1 674	31	789	31	44

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	542	19 658	542	12 824	492	18 001	129 199	458	17 329	512	1 216
Farms with—											
1 to 24	413	5 941	413	3 780	363	4 971	38 638	329	4 631	383	277
25 to 99	105	6 895	105	4 726	105	6 308	42 266	105	5 568	105	380
100 to 199	19	4 325	19	2 523	19	4 817	35 385	19	4 646	19	395
200 to 499	4	(D)	4	(D)	4	(D)	(D)	4	(D)	4	(D)
500 to 999	1	(D)	1	(D)	1	(D)	(D)	1	(D)	1	(D)
1,000 to 2,499	-	-	-	-	-	-	-	-	-	-	-
2,500 to 4,999	-	-	-	-	-	-	-	-	-	-	-
5,000 or more	-	-	-	-	-	-	-	-	-	-	-
No inventory	63	798	(X)	(X)	31	311	2 551	57	2 019	64	137

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	1 427	1 483	265	284
	number	7 588	7 160	887	868
	$1,000	(X)	(X)	1 642	1 296
Mules, burros, and donkeys	farms	59	32	6	7
	number	142	63	9	11
	$1,000	(X)	(X)	6	3
Colonies of bees	farms	219	255	17	12
	number	6 976	6 529	516	743
Honey sold	farms	(X)	(X)	95	60
	pounds	(X)	(X)	294 417	330 988
Bees and honey sold	farms	(X)	(X)	102	(NA)
	$1,000	(X)	(X)	258	357
Goats	farms	147	170	41	63
	number	971	795	427	362
Angora goats	farms	13	5	5	2
	number	44	75	14	(D)
Mohair sold	farms	(X)	(X)	4	4
	pounds	(X)	(X)	222	(D)
Angora goats and mohair sold	farms	(X)	(X)	8	(NA)
	$1,000	(X)	(X)	2	(D)
Milk goats	farms	86	147	32	54
	number	714	626	332	299
Goats milk sold	farms	(X)	(X)	19	18
	gallons	(X)	(X)	45 691	12 216
Milk goats and goats milk sold	farms	(X)	(X)	37	(NA)
	$1,000	(X)	(X)	132	46
Other goats	farms	74	32	10	11
	number	213	94	81	(D)
	$1,000	(X)	(X)	2	(D)
Mink and their pelts	farms	7	3	10	3
	number	2 480	(D)	5 211	(D)
	$1,000	(X)	(X)	181	(D)
Rabbits and their pelts	farms	119	86	31	43
	number	4 203	8 115	8 994	27 489
	$1,000	(X)	(X)	(D)	258
Fish and other aquaculture products sold	farms	(X)	(X)	2	4
	$1,000	(X)	(X)	(D)	(D)
Other livestock and livestock products	farms	13	(NA)	5	(NA)
	$1,000	(X)	(X)	33	(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	5 069	488 253	(X)	92 854	5 583	547 848	(X)	102 037
Corn for grain or seed (bushels)	210	11 191	1 031 941	1 754	261	12 428	1 173 189	2 698
Corn for silage or green chop or cut for dry fodder, hogged or grazed	1 481	70 258	(X)	13 858	1 949	86 701	(X)	23 604
Sorghum for grain or seed (bushels)	4	62	3 855	6	-	-	-	-
Sorghum for silage or green chop, cut for dry forage or hay, or hogged or grazed	17	554	(X)	32	47	1 128	(X)	130
Wheat for grain (bushels)	18	399	15 114	38	19	424	10 366	30
Barley for grain (bushels)	37	1 149	55 252	61	45	1 352	65 971	86
Oats for grain (bushels)	42	646	28 475	30	98	1 549	70 621	71
Rye for grain (bushels)	2	(D)	(D)	(D)	6	77	1 585	3
Rice (cwt)	-	-	-	-	-	-	-	-
Flaxseed (bushels)	-	-	-	-	-	-	-	-
Sunflower seed (pounds)	1	(D)	(D)	(D)	-	-	-	-
Soybeans for beans (bushels)	2	(D)	(D)	(D)	2	(D)	(D)	(D)
Dry edible beans, excluding dry limas (cwt)	5	54	336	6	4	(D)	(D)	(D)
Peanuts for nuts (pounds)	-	-	-	-	-	-	-	-
Cotton (bales)	-	-	-	-	-	-	-	-
Tobacco (pounds)	-	-	-	-	-	-	-	-
Irish potatoes (cwt)	57	162	36 988	246	95	305	76 037	487
Sweetpotatoes (bushels)	-	-	-	-	-	-	-	-
Pineapples harvested (tons)	-	-	-	-	-	-	-	-
Sugar beets for sugar (tons)	-	-	-	-	-	-	-	-
Sugarcane for sugar (tons)	-	-	-	-	-	-	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) (tons, dry)	4 640	432 881	869 548	60 732	5 195	467 603	886 084	61 034
Vegetables harvested for sale (see text)	230	2 038	(X)	2 501	228	1 633	(X)	1 579
Land in orchards	221	4 797	(X)	7 895	244	4 980	(X)	8 797
Berries harvested for sale	130	280	(X)	523	133	237	(X)	478
Nursery and greenhouse crops, mushrooms, and sod grown for sale (see text)	197	474	(X)	4 983	174	401	(X)	2 978
Other crops	15	191	(X)	142	(NA)	(NA)	(X)	34

[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)	2	(D)	(D)	2	(D)	(D)	(D)	206	10 993	92.1
Corn for silage or green chop (tons, green)	6	249	19.3	3	41	54	15.0	1 472	69 914	16.4
Sorghum for grain or seed (bushels)	-	-	-	-	-	-	-	4	62	62.2
Wheat for grain (bushels)	-	-	-	-	-	-	-	18	399	37.9
Oats for grain (bushels)	2	(D)	(D)	-	-	-	-	40	(D)	(D)
Barley for grain (bushels)	-	-	-	-	-	-	-	37	1 149	48.1
Rice (cwt)	-	-	-	-	-	-	-	-	-	-
Soybeans for beans (bushels)	-	-	-	-	-	-	-	2	(D)	(D)
Peanuts for nuts (pounds)	-	-	-	-	-	-	-	-	-	-
Dry edible beans, excluding dry limas (cwt)	2	(D)	(D)	-	-	-	-	3	(D)	(D)
Cotton (bales)	-	-	-	-	-	-	-	-	-	-
Tobacco (pounds)	-	-	-	-	-	-	-	-	-	-
Irish potatoes (cwt)	1	(D)	(D)	-	-	-	-	56	(D)	(D)
Sugar beets for sugar (tons)	-	-	-	-	-	-	-	-	-	-
Sugarcane for sugar (tons)	-	-	-	-	-	-	-	-	-	-
Alfalfa hay (tons, dry)	2	(D)	(D)	4	135	(D)	(D)	1 762	101 273	2.5
Small grain hay (tons, dry)	-	-	-	-	-	-	-	180	4 204	2.1
Tame hay other than alfalfa, small grain, and wild hay (see text) (tons, dry)	4	121	1.6	4	37	253	1.6	3 107	184 369	2.0
Wild hay (tons, dry)	1	(D)	(D)	1	(D)	(D)	(D)	568	(D)	(D)
Grass silage, haylage, and green chop hay (tons, green)	2	(D)	(D)	-	-	-	-	1 301	(D)	(D)
Alfalfa seed (pounds)	-	-	-	-	-	-	-	-	-	-
Vegetables harvested for sale (see text)	22	151	(X)	21	214	457	(X)	187	1 216	(X)
Land in orchards	12	92	(X)	3	212	320	(X)	206	4 173	(X)
Strawberries harvested for sale (pounds)	28	116	5 532.6	3	4	7	4 381.0	49	41	3 707.1

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
Corn for grain or seed (bushels)	210	11 191	1 031 941	4	68	261	12 428	1 173 189	4	102
Corn for silage or green chop (tons, green)	1 481	70 258	1 154 813	9	290	1 949	86 701	1 242 312	7	281
1 to 14 acres	275	2 508	37 933	-	-	387	3 386	49 121	2	(D)
15 to 24 acres	236	4 503	72 864	2	(D)	362	6 855	95 774	-	-
25 to 49 acres	461	15 807	245 221	5	159	583	19 829	278 463	3	80
50 to 99 acres	353	22 880	376 957	2	(D)	431	28 509	410 544	1	(D)
100 to 249 acres	141	17 787	299 929	-	-	168	21 727	313 400	1	(D)
250 to 499 acres	11	3 173	54 509	-	-	17	(D)	(D)	-	-
500 to 999 acres	3	(D)	(D)	-	-	-	-	-	-	-
1,000 acres or more	1	(D)	(D)	-	-	1	(D)	(D)	-	-
Oats for grain (bushels)	42	646	28 475	2	(D)	98	1 549	70 621	-	-
Irish potatoes (cwt)	57	162	36 988	1	(D)	95	305	76 037	8	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)(tons, dry)	4 640	432 881	869 548	13	371	5 195	467 603	886 084	13	376
1 to 14 acres	532	4 315	7 407	1	(D)	575	4 487	7 373	4	25
15 to 24 acres	471	8 809	13 934	3	(D)	524	9 742	14 567	2	(D)
25 to 49 acres	920	31 534	58 196	2	(D)	916	31 275	56 447	2	(D)
50 to 99 acres	1 108	75 920	162 969	4	(D)	1 359	93 787	189 269	4	259
100 to 249 acres	1 281	189 931	384 352	3	75	1 519	221 671	425 823	-	-
250 to 499 acres	286	93 341	188 310	-	-	271	86 653	160 881	1	(D)
500 to 999 acres	37	22 796	43 946	-	-	29	(D)	(D)	-	-
1,000 acres or more	5	6 235	10 434	-	-	2	(D)	(D)	-	-
1,000 to 1,999 acres	5	(X)	(X)	-	(X)	2	(X)	(X)	-	(X)
2,000 to 2,999 acres	-	(X)	(X)	-	(X)					
3,000 to 4,999 acres	-	(X)	(X)	-	(X)	-	(X)	(X)	-	(X)
5,000 acres or more	-	(X)	(X)	-	(X)					
Alfalfa hay (tons, dry)	1 768	101 496	249 147	6	158	1 913	106 244	249 788	4	110
1 to 14 acres	388	3 002	7 950	1	(D)	399	3 114	7 749	-	-
15 to 24 acres	247	4 600	11 480	2	(D)	303	5 632	13 926	-	-
25 to 49 acres	421	14 147	36 419	-	-	437	14 718	38 429	2	(D)
50 to 99 acres	377	24 175	62 958	3	125	418	26 520	64 915	1	(D)
100 to 249 acres	297	41 458	96 756	-	-	316	42 853	94 161	1	(D)
250 to 499 acres	30	9 237	24 038	-	-	37	10 987	26 606	-	-
500 to 999 acres	8	4 877	9 546	-	-	2	(D)	(D)	-	-
1,000 acres or more	-	-	-	-	-	1	(D)	(D)	-	-
1,000 to 1,999 acres	-	(X)	(X)	-	(X)	1	(X)	(X)	-	(X)
2,000 to 2,999 acres	-	(X)	(X)	-	(X)					
3,000 to 4,999 acres	-	(X)	(X)	-	(X)	-	(X)	(X)	-	(X)
5,000 acres or more	-	(X)	(X)	-	(X)					
Small grain hay (tons, dry)	180	4 204	8 631	-	-	212	4 312	7 932	3	(D)
Tame hay other than alfalfa, small grain, and wild hay (see text)(tons, dry)	3 115	184 780	365 497	8	158	3 807	226 789	423 931	6	151
1 to 14 acres	390	3 256	5 729	-	-	513	4 017	6 791	3	24
15 to 24 acres	392	7 327	13 301	3	(D)	481	8 879	14 338	2	(D)
25 to 49 acres	812	27 696	53 968	1	(D)	928	31 725	60 094	-	-
50 to 99 acres	933	62 174	130 879	3	(D)	1 159	77 294	150 178	1	(D)
100 to 249 acres	554	73 083	139 878	1	(D)	682	90 339	166 739	-	-
250 to 499 acres	33	(D)	(D)	-	-	41	12 760	23 003	-	-
500 to 999 acres	-	-	-	-	-	3	1 775	2 786	-	-
1,000 acres or more	1	(D)	(D)	-	-	-	-	-	-	-
Wild hay (tons, dry)	570	18 023	23 091	2	(D)	521	17 819	23 607	2	(D)
Grass silage, haylage, and green chop hay (tons, green)	1 303	124 378	669 577	2	(D)	1 400	112 439	542 472	-	-
Vegetables harvested for sale (see text)	230	2 038	(X)	43	365	228	1 633	(X)	41	128
0.1 to 0.9 acres	42	17	(X)	-	-	60	24	(X)	7	3
1.0 to 4.9 acres	92	214	(X)	20	49	105	241	(X)	16	34
5.0 to 14.9 acres	58	446	(X)	5	32	33	293	(X)	8	39
15.0 to 24.9 acres	22	411	(X)	12	109	17	319	(X)	7	40
25.0 to 49.9 acres	10	321	(X)	3	65	9	303	(X)	2	(D)
50.0 to 99.9 acres	5	(D)	(X)	2	(D)	3	(D)	(X)	1	(D)
100.0 to 249.9 acres	-	-	(X)	-	-	1	(D)	(X)	-	-
250.0 to 499.9 acres	1	(D)	(X)	1	(D)	-	-	(X)	-	-
500.0 to 749.9 acres	-	-	(X)	-	-					
750.0 to 999.9 acres	-	-	(X)	-	-	-	-	(X)	-	-
1,000.0 acres or more	-	-	(X)	-	-					
1,000.0 to 1,999.9 acres	-	(X)	(X)	-	(X)					
2,000.0 to 2,999.9 acres	-	(X)	(X)	-	(X)	-	(X)	(X)	-	(X)
3,000.0 acres or more	-	(X)	(X)	-	(X)					
Sweet corn	152	1 140	(X)	19	117	164	956	(X)	16	53
Land in orchards	221	4 797	(X)	15	304	244	4 980	(X)	13	87
0.1 to 0.9 acres	12	6	(X)	2	(D)	23	10	(X)	4	2
1.0 to 4.9 acres	113	232	(X)	9	(D)	105	223	(X)	2	(D)
5.0 to 14.9 acres	42	328	(X)	1	(D)	54	426	(X)	2	(D)
15.0 to 24.9 acres	12	215	(X)	-	-	20	348	(X)	1	(D)
25.0 to 49.9 acres	16	507	(X)	1	(D)	16	534	(X)	1	(D)
50.0 to 99.9 acres	14	1 071	(X)	1	(D)	14	1 048	(X)	2	(D)
100.0 to 249.9 acres	8	1 098	(X)	-	-	8	1 015	(X)	1	(D)
250.0 to 499.9 acres	4	1 340	(X)	1	(D)	4	1 376	(X)	-	-
500.0 to 749.9 acres	-	-	(X)	-	-					
750.0 to 999.9 acres	-	-	(X)	-	-	-	-	(X)	-	-
1,000.0 acres or more	-	-	(X)	-	-					
1,000.0 to 1,999.9 acres	-	(X)	(X)	-	(X)					
2,000.0 to 2,999.9 acres	-	(X)	(X)	-	(X)	-	(X)	(X)	-	(X)
3,000.0 acres or more	-	(X)	(X)	-	(X)					

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
Apples 1987	217	4 728	395 878	168	85 860	178	310 018	121	43 729 756
1982	243	4 936	344 522	181	126 645	204	217 877	150	51 692 679
1987 acres harvested:									
0.1 to 0.9 acres	23	13	634	19	368	16	266	10	6 500
1.0 to 4.9 acres	98	198	11 727	78	6 545	73	5 182	38	526 719
5.0 to 14.9 acres	44	339	21 933	30	6 383	38	15 550	25	678 716
15.0 to 24.9 acres	10	175	26 320	8	7 740	9	18 580	7	1 467 000
25.0 to 49.9 acres	16	507	42 662	13	14 060	16	28 602	16	5 359 000
50.0 to 99.9 acres	15	1 161	98 020	12	25 660	15	72 360	14	10 471 845
100.0 acres or more	11	2 335	194 582	8	25 104	11	169 478	11	25 219 976
1982 acres harvested:									
0.1 to 0.9 acres	35	14	892	28	552	24	340	17	25 351
1.0 to 4.9 acres	96	210	9 203	64	5 092	79	4 111	47	196 850
5.0 to 14.9 acres	50	396	30 887	39	13 834	39	17 053	26	1 555 280
15.0 to 24.9 acres	20	346	15 856	14	4 464	20	11 392	19	2 690 770
25.0 to 49.9 acres	16	534	47 471	12	14 946	16	32 525	15	8 201 000
50.0 to 99.9 acres	14	1 048	54 454	12	19 129	14	35 325	14	10 666 828
100.0 acres or more	12	2 388	185 759	12	68 628	12	117 131	12	28 356 600

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	143	813 387	99	456	197	4 983
1982	122	710 901	82	384	174	2 978
1987 value of sales:						
$1 to $2,499 sales	30	20 010	20	32	44	49
$2,500 to $9,999 sales	40	86 076	33	119	66	347
$10,000 to $39,999 sales	42	216 107	27	97	52	994
$40,000 to $99,999 sales	17	171 124	8	61	18	1 106
$100,000 to $199,999 sales	12	(D)	9	(D)	15	(D)
$200,000 to $499,999 sales	2	(D)	2	(D)	2	(D)
$500,000 sales or more	-	-	-	-	-	-
Bedding plants 1987	119	559 701	27	45	126	2 592
1982	110	505 332	6	2	111	1 672
Nursery crops 1987	14	56 514	55	382	61	1 613
1982	4	3 800	47	236	49	512

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	5 877	54	230	714	1 494
	percent	100.0	.9	3.9	12.1	25.4
Land in farms	acres	1 407 868	49 796	161 889	376 110	637 126
Average size of farm	acres	240	922	704	527	426
Value of land and buildings[1]	farms	5 881	54	230	673	1 474
	$1,000	1 521 489	55 653	168 755	364 959	626 018
Average per farm	dollars	258 713	1 030 611	733 717	542 287	424 707
Average per acre	dollars	1 124	1 118	1 042	1 008	1 017
Estimated market value of all machinery and equipment	$1,000	270 641	12 078	37 380	83 419	142 948
	percent	100.0	4.5	13.8	30.8	52.8
Land in farms according to use:						
Total cropland	acres	707 970	32 419	102 850	228 603	379 394
Harvested cropland	acres	488 253	26 917	82 070	177 839	286 003
Pastureland, excluding woodland pastured	acres	291 601	9 146	29 920	75 054	131 608
Market value of agricultural products sold	$1,000	375 537	37 614	93 889	187 813	281 698
Average per farm	dollars	63 899	696 550	408 213	263 043	188 553
Grains	farms	85	2	12	24	42
	$1,000	574	(D)	157	226	347
Cotton and cottonseed	farms	-	-	-	-	-
	$1,000	-	-	-	-	-
Tobacco	farms	-	-	-	-	-
	$1,000	-	-	-	-	-
Hay, silage, and field seeds	farms	1 588	7	39	128	256
	$1,000	8 219	188	698	1 354	2 279
Vegetables, sweet corn, and melon	farms	230	2	6	11	29
	$1,000	2 501	(D)	325	464	821
Fruits, nuts, and berries	farms	198	5	11	24	36
	$1,000	8 513	3 041	4 665	6 327	6 997
Nursery and greenhouse crops	farms	197	-	3	12	32
	$1,000	4 983	-	535	1 348	2 864
Other crops	farms	52	1	1	3	6
	$1,000	397	(D)	(D)	126	131
Poultry and poultry products	farms	371	6	10	19	37
	$1,000	5 224	3 413	3 818	4 442	4 708
Dairy products	farms	2 691	44	206	659	1 407
	$1,000	298 527	27 549	73 670	152 902	233 984
Cattle and calves	farms	3 919	46	214	682	1 437
	$1,000	42 148	3 107	9 994	20 412	29 055
Hogs and pigs	farms	239	-	2	8	22
	$1,000	660	-	(D)	34	54
Sheep, lambs, and wool	farms	576	2	10	22	46
	$1,000	1 354	(D)	14	18	127
Other livestock and livestock products (see text)	farms	451	1	2	7	22
	$1,000	2 438	(D)	(D)	160	331
Total farm production expenses[1]	farms	5 881	54	230	673	1 474
	$1,000	289 945	31 128	71 898	135 066	203 614
Selected farm production expenses[1]:						
Livestock and poultry purchased	farms	2 422	38	151	397	812
	$1,000	19 702	1 994	4 966	8 790	13 038
Feed for livestock and poultry	farms	4 533	50	219	651	1 423
	$1,000	89 318	9 993	22 867	43 398	66 244
Commercial fertilizer	farms	3 425	48	209	607	1 295
	$1,000	9 015	943	2 502	4 679	6 846
Agricultural chemicals	farms	2 109	41	170	490	956
	$1,000	2 816	475	907	1 669	2 190
Petroleum products	farms	5 470	54	223	660	1 455
	$1,000	10 935	836	2 112	4 232	6 801
Electricity	farms	4 883	51	227	670	1 466
	$1,000	10 851	809	2 260	4 691	7 471
Hired farm labor	farms	3 028	54	225	616	1 221
	$1,000	31 704	5 189	10 923	18 423	25 072
Interest	farms	3 187	47	199	587	1 227
	$1,000	22 539	2 220	5 374	10 229	15 761
Payments from government programs	farms	633	15	62	172	308
	$1,000	3 882	88	401	841	1 652
Inventory of selected livestock:						
Cattle and calves	farms	4 128	46	213	671	1 416
	number	320 189	24 082	66 317	137 767	215 140
Milk cows	farms	2 846	44	204	648	1 377
	number	178 967	14 536	39 693	82 327	130 250
Hogs and pigs	farms	370	1	7	23	53
	number	5 133	(D)	30	130	322

[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	5 877	3 383	2 089	405	3 285	1 403	1 595	287
..... percent	100.0	57.6	35.5	6.9	55.9	23.9	27.1	4.9
Land in farms ..... acres	1 407 868	644 234	681 072	82 562	1 069 202	375 212	622 008	71 982
Average size of farm ..... acres	240	190	326	204	325	267	390	251
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms	5 877	3 383	2 089	405	3 285	1 403	1 595	287
..... $1,000	375 537	134 882	212 871	27 784	368 848	129 985	211 443	27 419
Average per farm ..... dollars	63 899	39 870	101 901	68 602	112 282	92 648	132 566	95 538
Farms by value of sales:								
Less than $1,000 (see text)	820	670	127	23	-	-	-	-
$1,000 to $2,499	703	521	147	35	-	-	-	-
$2,500 to $4,999	589	450	109	30	-	-	-	-
$5,000 to $9,999	460	339	111	30	-	-	-	-
$10,000 to $19,999	347	219	98	30	347	219	98	30
$20,000 to $24,999	106	71	28	7	106	71	28	7
$25,000 to $39,999	263	170	78	15	263	170	78	15
$40,000 to $49,999	183	89	69	25	183	89	69	25
$50,000 to $99,999	992	396	485	111	992	396	485	111
$100,000 to $249,999	1 158	388	681	89	1 158	388	681	89
$250,000 to $499,999	194	54	131	9	194	54	131	9
$500,000 to $999,999	39	15	23	1	39	15	23	1
$1,000,000 or more	3	1	2	-	3	1	2	-
Grains ..... farms	85	41	39	5	76	35	36	5
..... $1,000	574	199	317	58	559	190	311	58
Sales of $50,000 or more ..... farms	1	-	1	-	1	-	1	-
..... $1,000	(D)	-	(D)	-	(D)	-	(D)	-
Corn for grain ..... farms	55	25	25	5	49	20	24	5
..... $1,000	461	(D)	259	(D)	449	136	(D)	(D)
Wheat ..... farms	15	6	8	1	13	5	7	1
..... $1,000	31	15	(D)	(D)	(D)	(D)	(D)	(D)
Soybeans ..... farms	1	-	1	-	1	-	1	-
..... $1,000	(D)	-	(D)	-	(D)	-	(D)	-
Sorghum for grain ..... farms	1	1	-	-	1	1	-	-
..... $1,000	(D)	(D)	-	-	(D)	(D)	-	-
Barley ..... farms	11	6	5	-	10	5	5	-
..... $1,000	34	15	18	-	(D)	(D)	18	-
Oats ..... farms	3	2	1	-	3	2	1	-
..... $1,000	(D)	(D)	(D)	-	(D)	(D)	(D)	-
Other grains ..... farms	7	4	3	-	5	4	1	-
..... $1,000	20	15	5	-	(D)	15	(D)	-
Cotton and cottonseed ..... farms	-	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-	-
Tobacco ..... farms	-	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-	-
Hay, silage, and field seeds ..... farms	1 588	975	510	103	694	289	341	64
..... $1,000	8 219	4 038	3 409	772	5 984	2 273	3 048	664
Sales of $50,000 or more ..... farms	12	2	9	1	12	2	9	1
..... $1,000	869	(D)	653	(D)	869	(D)	653	(D)
Vegetables, sweet corn, and melons ..... farms	230	136	69	25	126	55	55	16
..... $1,000	2 501	911	1 341	249	2 285	764	1 295	226
Sales of $50,000 or more ..... farms	13	2	11	-	13	2	11	-
..... $1,000	1 050	(D)	(D)	-	1 050	(D)	(D)	-
Fruits, nuts, and berries ..... farms	198	136	50	12	103	64	31	8
..... $1,000	8 513	5 594	2 352	567	8 349	5 455	2 336	557
Sales of $50,000 or more ..... farms	33	21	9	3	33	21	9	3
..... $1,000	7 512	4 953	2 059	500	7 512	4 953	2 059	500
Nursery and greenhouse crops ..... farms	197	139	42	16	120	76	35	9
..... $1,000	4 983	3 184	1 301	498	4 713	2 962	1 286	465
Sales of $50,000 or more ..... farms	29	18	10	1	29	18	10	1
..... $1,000	3 323	1 976	(D)	(D)	3 323	1 976	(D)	(D)
Other crops ..... farms	52	32	14	6	29	16	10	3
..... $1,000	397	137	253	7	384	128	252	4
Sales of $50,000 or more ..... farms	2	-	2	-	2	-	2	-
..... $1,000	(D)	-	(D)	-	(D)	-	(D)	-
Poultry and poultry products ..... farms	371	246	106	19	133	67	57	9
..... $1,000	5 224	4 432	734	58	5 116	4 341	720	55
Sales of $50,000 or more ..... farms	11	10	1	-	11	10	1	-
..... $1,000	4 744	(D)	(D)	-	4 744	(D)	(D)	-
Dairy products ..... farms	2 691	1 020	1 428	243	2 646	989	1 418	239
..... $1,000	298 527	93 837	182 311	22 379	298 433	93 774	182 294	22 365
Sales of $50,000 or more ..... farms	2 104	701	1 221	182	2 104	701	1 221	182
..... $1,000	281 511	85 202	175 856	20 452	281 511	85 202	175 856	20 452
Cattle and calves ..... farms	3 919	1 854	1 760	305	2 916	1 160	1 500	256
..... $1,000	42 148	19 631	19 519	2 998	39 860	18 102	18 881	2 877
Sales of $50,000 or more ..... farms	114	63	45	6	114	63	45	6
..... $1,000	13 373	8 573	4 162	639	13 373	8 573	4 162	639

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	239	142	79	18	85	33	42	10
$1,000	660	356	290	14	493	236	248	9
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Sheep, lambs, and wool ..... farms	576	379	178	19	137	57	73	7
$1,000	1 354	631	690	33	775	216	544	15
Sales of $50,000 or more ..... farms	4	-	4	-	4	-	4	-
$1,000	323	-	323	-	323	-	323	-
Other livestock and livestock products (see text) ..... farms	451	294	129	28	140	76	52	12
$1,000	2 438	1 932	356	150	1 896	1 544	229	124
Sales of $50,000 or more ..... farms	13	12	-	1	13	12	-	1
$1,000	954	(D)	-	(D)	954	(D)	-	(D)
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses ..... farms	5 881	3 503	1 986	392	3 337	1 498	1 537	302
$1,000	289 945	110 507	158 558	20 880	275 481	99 317	155 781	20 382
Average per farm ..... dollars	49 302	31 546	79 838	53 265	82 553	66 300	101 354	67 491
Livestock and poultry purchased ..... farms	2 422	1 223	983	216	1 649	654	808	187
$1,000	19 702	8 679	9 056	1 967	18 452	7 828	8 755	1 868
Farms with expenses of—								
$1 to $4,999	1 418	781	545	92	702	252	385	65
$5,000 to $24,999	822	378	342	102	767	338	327	102
$25,000 to $99,999	173	60	91	22	171	60	91	20
$100,000 or more	9	4	5	-	9	4	5	-
Feed for livestock and poultry ..... farms	4 533	2 418	1 776	339	2 962	1 240	1 455	267
$1,000	89 318	32 741	49 472	7 105	87 726	31 528	49 137	7 061
Farms with expenses of—								
$1 to $4,999	1 868	1 372	422	74	310	207	101	2
$5,000 to $24,999	1 330	582	627	121	1 317	569	627	121
$25,000 to $99,999	1 253	433	678	142	1 253	433	678	142
$100,000 or more	82	31	49	2	82	31	49	2
Commercially mixed formula feeds ..... farms	3 488	1 634	1 558	296	2 802	1 121	1 417	264
$1,000	69 992	25 469	39 026	5 497	69 390	25 015	38 895	5 481
Farms with expenses of—								
$1 to $4,999	1 007	645	291	71	330	141	150	39
$5,000 to $24,999	1 527	684	692	151	1 518	675	692	151
$25,000 to $79,999	866	272	525	69	866	272	525	69
$80,000 or more	88	33	50	5	88	33	50	5
Seeds, bulbs, plants, and trees ..... farms	2 431	1 053	1 200	178	2 045	798	1 085	162
$1,000	2 983	1 118	1 637	228	2 885	1 053	1 608	225
Farms with expenses of—								
$1 to $999	1 560	729	707	124	1 190	487	595	108
$1,000 to $4,999	764	281	437	46	749	268	435	46
$5,000 to $24,999	103	41	55	7	102	41	54	7
$25,000 or more	4	2	1	1	4	2	1	1
Commercial fertilizer ..... farms	3 425	1 692	1 490	243	2 567	1 010	1 323	234
$1,000	9 015	2 755	5 756	504	8 628	2 465	5 664	499
Farms with expenses of—								
$1 to $4,999	2 910	1 576	1 116	218	2 052	894	949	209
$5,000 to $24,999	491	110	356	25	491	110	356	25
$25,000 to $49,999	21	5	16	-	21	5	16	-
$50,000 or more	3	1	2	-	3	1	2	-
Agricultural chemicals ..... farms	2 109	936	1 029	144	1 716	623	967	126
$1,000	2 816	1 175	1 480	161	2 732	1 098	1 474	160
Farms with expenses of—								
$1 to $4,999	2 032	905	988	139	1 641	594	926	121
$5,000 to $24,999	68	26	37	5	66	24	37	5
$25,000 to $49,999	5	2	3	-	5	2	3	-
$50,000 or more	4	3	1	-	4	3	1	-
Petroleum products ..... farms	5 470	3 140	1 948	382	3 252	1 436	1 516	300
$1,000	10 935	4 282	5 947	705	9 971	3 593	5 718	660
Farms with expenses of—								
$1 to $4,999	4 943	2 983	1 609	351	2 726	1 280	1 177	269
$5,000 to $24,999	520	155	335	30	519	154	335	30
$25,000 to $49,999	6	2	3	1	6	2	3	1
$50,000 or more	1	-	1	-	1	-	1	-
Gasoline and gasohol ..... farms	4 755	2 660	1 765	330	2 892	1 243	1 395	254
$1,000	4 765	2 022	2 439	304	4 138	1 578	2 290	270
Diesel fuel ..... farms	3 513	1 721	1 513	279	2 641	1 051	1 343	247
$1,000	4 392	1 464	2 654	274	4 201	1 322	2 612	266
Natural gas ..... farms	163	99	49	15	138	77	46	15
$1,000	184	97	81	6	167	89	72	6
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms	4 208	2 180	1 714	314	3 011	1 280	1 477	254
$1,000	1 593	699	772	122	1 466	605	743	118

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	4 883	2 713	1 813	357	3 207	1 402	1 513	292
$1,000	10 851	4 282	5 840	729	10 348	3 884	5 763	701
Farms with expenses of—								
$1 to $999	2 173	1 594	460	119	589	355	168	66
$1,000 to $4,999	2 108	916	987	205	2 018	846	979	193
$5,000 to $24,999	596	201	362	33	594	199	362	33
$25,000 or more	6	2	4	-	6	2	4	-
Hired farm labor ..... farms	3 028	1 489	1 322	217	2 407	998	1 219	190
$1,000	31 704	12 206	17 892	1 606	31 070	11 700	17 805	1 565
Farms with expenses of—								
$1 to $4,999	1 681	959	567	155	1 070	478	464	128
$5,000 to $24,999	1 032	423	561	48	1 023	414	561	48
$25,000 to $99,999	289	93	183	13	288	92	183	13
$100,000 or more	26	14	11	1	26	14	11	1
Contract labor ..... farms	558	354	172	32	388	227	136	25
$1,000	1 515	787	562	167	1 403	696	544	163
Farms with expenses of—								
$1 to $999	296	213	73	10	153	105	45	3
$1,000 to $4,999	170	97	62	11	145	80	54	11
$5,000 to $24,999	84	40	34	10	82	38	34	10
$25,000 or more	8	4	3	1	8	4	3	1
Repair and maintenance ..... farms	5 045	2 822	1 835	388	3 116	1 341	1 475	300
$1,000	20 056	7 760	11 185	1 111	18 507	6 547	10 913	1 047
Farms with expenses of—								
$1 to $4,999	3 804	2 404	1 072	328	1 894	931	722	241
$5,000 to $24,999	1 165	390	716	59	1 146	382	706	58
$25,000 to $49,999	69	24	44	1	69	24	44	1
$50,000 or more	7	4	3	-	7	4	3	-
Customwork, machine hire, and rental of machinery and equipment ..... farms	1 612	760	740	112	1 249	503	641	105
$1,000	2 702	967	1 514	220	2 501	845	1 442	214
Farms with expenses of—								
$1 to $999	871	484	344	43	577	268	267	42
$1,000 to $4,999	616	241	313	62	548	201	291	56
$5,000 to $24,999	119	33	80	6	118	32	80	6
$25,000 or more	6	2	3	1	6	2	3	1
Interest expense ..... farms	3 187	1 553	1 374	260	2 486	1 036	1 218	232
$1,000	22 539	8 944	12 747	848	21 348	7 968	12 552	827
Farms with expenses of—								
$1 to $4,999	1 850	1 020	634	196	1 185	537	480	168
$5,000 to $24,999	1 185	481	640	64	1 149	447	638	64
$25,000 to $99,999	148	52	96	-	148	52	96	-
$100,000 or more	4	-	4	-	4	-	4	-
Secured by real estate ..... farms	2 408	1 268	1 140	-	1 871	838	1 033	-
$1,000	17 635	7 384	10 251	-	16 592	6 482	10 110	-
Farms with expenses of—								
$1 to $999	379	245	134	-	183	97	86	-
$1,000 to $4,999	949	583	366	-	636	327	309	-
$5,000 to $24,999	967	401	566	-	939	375	564	-
$25,000 or more	113	39	74	-	113	39	74	-
Not secured by real estate ..... farms	1 604	656	688	260	1 323	482	609	232
$1,000	4 904	1 560	2 495	848	4 756	1 486	2 443	827
Farms with expenses of—								
$1 to $999	621	357	194	70	378	193	133	52
$1,000 to $4,999	691	209	356	126	653	199	338	116
$5,000 to $24,999	280	86	130	64	280	86	130	64
$25,000 or more	12	4	8	-	12	4	8	-
Cash rent ..... farms	1 777	-	1 463	314	1 547	-	1 280	267
$1,000	4 688	-	2 952	1 736	4 493	-	2 828	1 665
Farms with expenses of—								
$1 to $4,999	1 515	-	1 341	174	1 286	-	1 159	127
$5,000 to $9,999	161	-	70	91	160	-	69	91
$10,000 to $24,999	90	-	45	45	90	-	45	45
$25,000 or more	11	-	7	4	11	-	7	4
Property taxes ..... farms	5 552	3 471	1 984	97	3 122	1 495	1 536	91
$1,000	14 467	8 170	6 137	160	10 388	4 692	5 543	153
Farms with expenses of—								
$1 to $4,999	4 912	3 148	1 678	86	2 562	1 251	1 231	80
$5,000 to $9,999	513	256	246	11	446	190	245	11
$10,000 to $24,999	118	63	55	-	105	50	55	-
$25,000 or more	9	4	5	-	9	4	5	-
All other farm production expenses ..... farms	5 505	3 193	1 937	375	3 330	1 495	1 534	301
$1,000	46 654	16 642	26 381	3 632	45 028	15 420	26 034	3 575
Farms with expenses of—								
$1 to $4,999	3 401	2 398	833	170	1 234	708	430	96
$5,000 to $24,999	1 595	663	767	165	1 587	655	767	165
$25,000 to $49,999	386	99	254	33	386	99	254	33
$50,000 or more	123	33	83	7	123	33	83	7

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	5 881	3 503	1 986	392	3 337	1 498	1 537	302
$1,000	83 417	31 236	46 105	6 077	91 235	37 368	47 662	6 204
Average per farm ..... dollars	14 184	8 917	23 215	15 503	27 340	24 945	31 010	20 544
Farms with net gains[2] ..... number	3 313	1 642	1 385	286	2 838	1 269	1 317	252
Average net gain ..... dollars	29 987	25 135	37 076	23 514	34 717	32 037	38 902	26 340
Gain of—								
Less than $1,000	257	190	51	16	49	13	22	14
$1,000 to $9,999	872	519	273	80	605	323	234	48
$10,000 to $49,999	1 558	689	713	156	1 558	689	713	156
$50,000 or more	626	244	348	34	626	244	348	34
Farms with net losses ..... number	2 568	1 861	601	106	499	229	220	50
Average net loss ..... dollars	6 204	5 393	8 729	6 110	14 612	14 352	16 234	8 671
Loss of—								
Less than $1,000	367	284	64	19	24	14	10	-
$1,000 to $9,999	1 813	1 353	386	74	254	113	101	40
$10,000 to $49,999	369	215	142	12	204	95	100	9
$50,000 or more	19	9	9	1	17	7	9	1
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME								
Government payments ..... farms	633	244	363	26	475	123	330	22
$1,000	3 882	1 670	2 018	193	3 233	1 090	1 964	179
Other farm-related income[1] ..... farms	2 137	1 154	864	119	1 306	519	679	108
$1,000	7 556	3 572	3 684	300	5 085	1 740	3 072	273
Customwork and other agricultural services ..... farms	419	142	253	24	256	59	176	21
$1,000	1 163	254	831	79	934	(D)	702	(D)
Gross cash rent or share payments ..... farms	384	293	77	14	165	92	59	14
$1,000	850	463	380	7	569	224	338	7
Forest products and Christmas trees ..... farms	1 093	643	423	27	569	235	308	26
$1,000	3 764	2 101	1 595	67	2 029	(D)	1 255	(D)
Other farm-related income sources ..... farms	845	345	405	95	733	261	384	88
$1,000	1 779	753	878	147	1 554	636	777	141
COMMODITY CREDIT CORPORATION LOANS								
Total ..... farms	26	10	14	2	21	7	12	2
$1,000	157	84	(D)	(D)	142	73	(D)	(D)
Corn ..... farms	14	1	12	1	14	1	12	1
$1,000	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wheat ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Soybeans ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Sorghum, barley, and oats ..... farms	1	1	-	-	1	1	-	-
$1,000	(D)	(D)	-	-	(D)	(D)	-	-
Cotton ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey ..... farms	11	8	2	1	6	5	-	1
$1,000	78	(D)	(D)	(D)	(D)	(D)	-	(D)
LAND IN FARMS ACCORDING TO USE								
Total cropland ..... farms	5 506	3 063	2 049	394	3 159	1 294	1 585	280
acres	707 970	268 380	388 970	50 620	599 734	192 816	361 897	45 021
Harvested cropland ..... farms	5 069	2 727	1 974	368	3 039	1 205	1 568	266
acres	488 253	170 645	282 839	34 769	427 966	129 682	266 903	31 381
Farms by acres harvested:								
1 to 49 acres	2 204	1 631	447	126	540	333	156	51
50 to 99 acres	1 070	536	434	100	784	356	349	79
100 to 199 acres	1 083	377	605	101	1 013	336	582	95
200 to 499 acres	643	168	435	40	633	165	428	40
500 to 999 acres	63	13	49	1	63	13	49	1
1,000 to 1,999 acres	5	2	3	-	5	2	3	-
2,000 acres or more	1	-	1	-	1	-	1	-
Cropland:								
Pasture or grazing only ..... farms	3 523	1 838	1 428	257	2 173	855	1 123	195
acres	188 468	82 726	91 232	14 510	150 305	54 811	82 702	12 792
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms	319	155	146	18	222	80	128	14
acres	7 508	3 603	3 577	328	6 072	2 411	(D)	(D)
On which all crops failed ..... farms	95	46	49	-	65	19	46	-
acres	1 608	600	1 008	-	1 321	(D)	(D)	-
In cultivated summer fallow ..... farms	86	40	40	6	66	25	37	4
acres	1 884	980	784	120	1 665	(D)	(D)	(D)
Idle ..... farms	663	386	234	43	324	128	172	24
acres	20 249	9 826	9 530	893	12 405	4 721	7 189	495
Total woodland ..... farms	4 360	2 471	1 675	214	2 543	1 049	1 328	166
acres	529 115	289 029	215 608	24 478	348 013	136 799	190 597	20 617
Woodland pastured ..... farms	1 832	899	832	101	1 280	488	704	88
acres	123 624	59 086	58 809	5 729	95 941	35 899	54 615	5 427
Woodland not pastured ..... farms	3 700	2 116	1 406	178	2 105	855	1 117	133
acres	405 491	229 943	156 799	18 749	252 072	100 900	135 982	15 190

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	1 713	939	688	86	1 000	384	546	70
acres	103 133	48 073	50 370	4 690	79 628	29 403	46 293	3 932
Land in house lots, ponds, roads, wasteland, etc. ..... farms	3 559	2 119	1 274	166	1 934	841	967	126
acres	67 650	38 752	26 124	2 774	41 827	16 194	23 221	2 412
Cropland under federal acreage reduction programs:								
Annual commodity acreage adjustment programs ..... farms	76	21	52	3	74	19	52	3
acres	1 789	433	1 262	94	(D)	(D)	1 262	94
Conservation reserve program ..... farms	19	5	14	-	12	1	11	-
acres	715	303	412	-	(D)	(D)	248	-
Value of land and buildings[1] ..... farms	5 881	3 503	1 986	392	3 337	1 498	1 537	302
$1,000	1 521 489	739 071	684 974	97 444	1 058 488	366 681	607 049	84 758
Average per farm ..... dollars	258 713	210 982	344 901	248 582	317 197	244 780	394 957	280 656
Average per acre ..... dollars	1 124	1 140	1 089	1 275	1 039	993	1 042	1 265
Farms by value group:								
$1 to $39,999	544	419	56	69	159	114	18	27
$40,000 to $69,999	361	247	89	25	111	63	29	19
$70,000 to $99,999	501	384	84	33	167	117	17	33
$100,000 to $149,999	923	607	259	57	482	287	140	55
$150,000 to $199,999	772	531	205	36	436	222	188	26
$200,000 to $499,999	2 021	1 001	905	115	1 390	525	771	94
$500,000 to $999,999	619	264	317	38	470	138	303	29
$1,000,000 to $1,999,999	116	34	64	18	111	29	64	18
$2,000,000 to $4,999,999	23	16	6	1	10	3	6	1
$5,000,000 or more	1	-	1	-	1	-	1	-
VALUE OF MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ..... farms	5 872	3 494	1 986	392	3 336	1 497	1 537	302
$1,000	270 641	120 621	133 673	16 347	227 916	86 526	126 399	14 991
Farms by value group:								
$1 to $4,999	389	298	68	23	73	43	21	9
$5,000 to $9,999	1 096	890	156	50	147	104	15	28
$10,000 to $19,999	887	585	219	83	350	205	103	42
$20,000 to $49,999	1 424	819	494	111	864	392	371	101
$50,000 to $99,999	1 256	616	562	78	1 105	488	542	75
$100,000 to $199,999	664	238	383	43	648	224	381	43
$200,000 to $499,999	148	46	99	3	141	39	99	3
$500,000 or more	8	2	5	1	8	2	5	1
SELECTED MACHINERY AND EQUIPMENT[1]								
Motortrucks, including pickups ..... farms	4 738	2 666	1 719	353	2 959	1 297	1 386	276
number	7 318	3 622	3 166	530	4 970	1 897	2 678	395
Wheel tractors ..... farms	5 448	3 139	1 931	378	3 166	1 374	1 499	293
number	15 295	7 695	6 575	1 025	11 029	4 409	5 805	815
Less than 40 horsepower (PTO) ..... farms	3 505	2 165	1 107	233	1 651	739	762	150
number	5 911	3 567	1 995	349	3 099	1 437	1 433	229
40 horsepower (PTO) or more ..... farms	3 779	1 906	1 562	311	2 753	1 087	1 404	262
number	9 384	4 128	4 580	676	7 930	2 972	4 372	586
Grain and bean combines ..... farms	117	63	50	4	92	41	47	4
number	128	63	60	5	103	41	57	5
Cottonpickers and strippers ..... farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners ..... farms	3 255	1 611	1 401	243	2 437	957	1 285	195
number	3 706	1 817	1 619	270	2 794	1 089	1 494	211
Pickup balers ..... farms	3 472	1 721	1 496	255	2 402	961	1 258	183
number	3 882	1 893	1 692	297	2 723	1 069	1 443	211
AGRICULTURAL CHEMICALS[1]								
Commercial fertilizer ..... farms	3 418	1 692	1 483	243	2 560	1 010	1 316	234
acres on which used	284 133	95 674	169 816	18 643	266 484	82 491	165 953	18 040
Lime ..... farms	1 345	639	645	61	1 006	377	574	55
acres on which used	43 638	16 517	25 465	1 656	38 703	12 582	24 705	1 416
tons	73 269	28 640	41 196	3 433	65 296	22 223	39 760	3 313
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms	560	267	262	31	481	203	253	25
acres on which used	22 170	8 185	12 908	1 077	21 354	7 738	12 899	717
Nematodes in crops ..... farms	68	19	44	5	64	15	44	5
acres on which used	5 063	1 167	3 599	297	5 048	1 152	3 599	297
Diseases in crops and orchards ..... farms	238	148	68	22	164	80	68	16
acres on which used	7 366	3 888	3 105	373	6 781	3 309	3 105	367
Weeds, grass, or brush in crops and pasture ..... farms	1 534	572	853	109	1 409	479	821	109
acres on which used	74 766	20 771	49 034	4 961	73 367	19 623	48 783	4 961
Chemicals for defoliation or for growth control of crops or thinning of fruit ..... farms	67	42	22	3	62	39	20	3
acres on which used	3 912	1 967	(D)	(D)	3 907	1 964	(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
TENURE AND RACE OF OPERATOR								
All operators	5 877	3 383	2 089	405	3 285	1 403	1 595	287
Full owners	3 383	3 383	-	-	1 403	1 403	-	-
Part owners	2 089	-	2 089	-	1 595	-	1 595	-
Tenants	405	-	-	405	287	-	-	287
White	5 856	3 374	2 079	403	3 278	1 400	1 591	287
Full owners	3 374	3 374	-	-	1 400	1 400	-	-
Part owners	2 079	-	2 079	-	1 591	-	1 591	-
Tenants	403	-	-	403	287	-	-	287
Black and other races	21	9	10	2	7	3	4	-
Full owners	9	9	-	-	3	3	-	-
Part owners	10	-	10	-	4	-	4	-
Tenants	2	-	-	2	-	-	-	-
OWNED AND RENTED LAND								
Land owned — farms	5 477	3 383	2 089	5	3 001	1 403	1 595	3
acres	1 131 306	666 919	464 035	352	812 756	(D)	428 429	(D)
Owned land in farms — farms	5 472	3 383	2 089	-	2 998	1 403	1 595	-
acres	1 103 362	644 234	459 128	-	799 630	375 212	424 418	-
Land rented or leased from others — farms	2 511	17	2 089	405	1 893	11	1 595	287
acres	308 393	952	223 929	83 512	273 261	816	199 550	72 895
Rented or leased land in farms — farms	2 494	-	2 089	405	1 882	-	1 595	287
acres	304 506	-	221 944	82 562	269 572	-	197 590	71 982
Land rented or leased to others — farms	445	351	75	19	173	107	51	15
acres	31 831	23 637	6 892	1 302	16 815	(D)	5 971	(D)
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	5 121	2 927	1 923	271	2 896	1 219	1 473	204
Not on farm operated	485	257	102	126	245	94	75	76
Not reported	271	199	64	8	144	90	47	7
Operators by principal occupation:								
Farming	3 762	1 797	1 652	313	2 938	1 187	1 483	268
Other	2 115	1 586	437	92	347	216	112	19
Operators by days of work off farm:								
None	2 854	1 446	1 182	226	2 179	889	1 092	198
Any	2 695	1 731	801	163	905	413	415	77
1 to 99 days	595	292	259	44	377	138	205	34
100 to 199 days	502	333	126	43	173	85	69	19
200 days or more	1 598	1 106	416	76	355	190	141	24
Not reported	328	206	106	16	201	101	88	12
Operators by years on present farm:								
2 years or less	329	166	97	66	193	68	72	53
3 or 4 years	437	231	143	63	258	101	106	51
5 to 9 years	1 031	521	372	138	512	176	245	91
10 years or more	3 345	2 001	1 247	97	1 915	858	991	66
Average years on present farm	18.1	19.6	17.7	8.7	18.6	20.5	18.8	8.4
Not reported	735	464	230	41	407	200	181	26
Operators by age group:								
Under 25 years	56	16	18	22	37	11	13	13
25 to 34 years	705	279	266	160	481	152	211	118
35 to 44 years	1 480	737	619	124	857	303	460	94
45 to 49 years	701	377	297	27	398	160	224	14
50 to 54 years	650	370	257	23	391	169	205	17
55 to 59 years	660	411	231	18	372	187	175	10
60 to 64 years	595	412	166	17	318	172	133	13
65 to 69 years	445	322	118	5	201	108	89	4
70 years and over	585	459	117	9	230	141	85	4
Average age	50.4	53.3	47.9	38.7	48.7	51.7	48.0	38.1
Operators by sex:								
Male	5 302	2 944	1 975	383	3 105	1 287	1 543	275
Female	575	439	114	22	180	116	52	12
Operators of Spanish origin (see text)	24	13	9	2	13	5	6	2
FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) — farms	5 096	3 004	1 756	336	2 699	1 175	1 294	230
acres	1 126 649	532 785	525 826	68 038	825 028	295 564	471 171	58 293
Partnership — farms	510	225	249	36	390	134	225	31
acres	170 255	56 352	106 046	7 857	154 996	44 840	102 807	7 349
Corporation:								
Family held — farms	209	114	70	25	155	70	65	20
acres	86 508	37 693	44 218	4 597	76 729	28 904	43 540	4 285
More than 10 stockholders — farms	3	1	2	-	3	1	2	-
10 or less stockholders — farms	206	113	68	25	152	69	63	20
Other than family held — farms	23	15	3	5	17	10	3	4
acres	10 605	8 198	(D)	(D)	4 042	1 640	(D)	(D)
More than 10 stockholders — farms	1	1	-	-	-	-	-	-
10 or less stockholders — farms	22	14	3	5	17	10	3	4
Other—cooperative, estate or trust, institutional, etc. — farms	39	25	11	3	24	14	8	2
acres	13 851	9 206	(D)	(D)	8 407	4 264	(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	281	229	25	27	97	88	3	6
10 to 49 acres	834	625	158	51	182	125	38	19
50 to 69 acres	287	183	85	19	56	26	23	7
70 to 99 acres	400	271	96	33	104	54	29	21
100 to 139 acres	581	399	129	53	233	128	64	41
140 to 179 acres	532	333	165	34	268	117	127	24
180 to 219 acres	493	275	181	37	311	143	136	32
220 to 259 acres	451	245	168	38	311	137	143	31
260 to 499 acres	1 376	596	695	85	1 144	413	652	79
500 to 999 acres	559	199	335	25	505	152	329	24
1,000 to 1,999 acres	71	21	47	3	65	16	46	3
2,000 acres or more	12	7	5	-	9	4	5	-
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	9	5	3	1	4	2	1	1
Field crops, except cash grains (013)	818	620	156	42	144	74	57	13
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	818	620	156	42	144	74	57	13
Vegetables and melons (016)	104	66	26	12	48	28	15	5
Fruits and tree nuts (017)	136	113	16	7	54	39	11	4
Horticultural specialties (018)	137	108	16	13	78	59	13	6
General farms, primarily crop (019)	214	165	41	8	11	6	3	2
Livestock, except dairy, poultry, and animal specialties (021)	1 436	995	373	68	286	176	90	20
Beef cattle, except feedlots (0212)	870	601	219	50	212	141	52	19
Dairy farms (024)	2 586	962	1 392	232	2 567	948	1 390	229
Poultry and eggs (025)	62	54	7	1	24	20	3	1
Animal specialties (027)	307	245	45	17	51	40	7	4
General farms, primarily livestock and animal specialties (029)	68	50	14	4	18	11	5	2
LIVESTOCK								
Cattle and calves inventory — farms	4 128	2 003	1 816	309	2 865	1 114	1 496	255
— number	320 189	111 674	185 153	23 362	302 632	99 793	180 465	22 374
Farms with—								
1 to 9	675	495	156	24	47	25	16	6
10 to 49	1 112	683	347	82	510	287	176	47
50 to 99	1 168	476	567	125	1 140	458	558	124
100 to 199	903	279	556	68	898	274	556	68
200 to 499	244	58	176	10	244	58	176	10
500 or more	26	12	14	-	26	12	14	-
Cows and heifers that had calved — farms	3 715	1 718	1 706	291	2 723	1 031	1 443	249
— number	188 772	64 860	109 628	14 284	182 024	60 295	107 726	14 003
Beef cows — farms	1 180	731	378	71	336	148	151	37
— number	9 805	5 909	3 290	606	4 012	2 050	1 569	393
Farms with—								
1 to 9	859	542	269	48	217	90	103	24
10 to 49	305	179	104	22	106	50	44	12
50 to 99	11	6	4	1	10	6	3	1
100 to 199	3	3	-	-	1	1	-	-
200 to 499	2	1	1	-	2	1	1	-
500 or more	-	-	-	-	-	-	-	-
Milk cows — farms	2 846	1 133	1 461	252	2 594	958	1 398	238
— number	178 967	58 951	106 338	13 678	178 012	58 245	106 157	13 610
Farms with—								
1 to 4	226	150	60	16	21	10	6	5
5 to 9	41	30	8	3	10	7	1	2
10 to 49	978	431	439	108	962	419	437	106
50 to 99	1 173	408	663	102	1 173	408	663	102
100 to 199	353	96	236	21	353	96	236	21
200 to 499	72	17	53	2	72	17	53	2
500 or more	3	1	2	-	3	1	2	-
Heifers and heifer calves — farms	3 388	1 493	1 618	277	2 584	957	1 396	231
— number	113 021	35 065	70 201	7 755	106 019	30 555	68 201	7 263
Steers, steer calves, bulls, and bull calves — farms	2 151	1 047	948	156	1 387	519	754	114
— number	18 396	11 749	5 324	1 323	14 589	8 943	4 538	1 108
Cattle and calves sold — farms	3 919	1 854	1 760	305	2 916	1 160	1 500	256
— number	170 741	70 789	87 601	12 351	163 237	65 511	85 770	11 956
— $1,000	42 148	19 631	19 519	2 998	39 860	18 102	18 881	2 877
Calves — farms	3 092	1 337	1 503	252	2 592	986	1 372	234
— number	108 869	46 019	55 417	7 433	105 719	43 639	54 804	7 276
— $1,000	11 698	7 163	3 918	617	11 366	6 930	3 830	606
Cattle — farms	3 544	1 641	1 621	282	2 666	1 043	1 388	235
— number	61 872	24 770	32 184	4 918	57 518	21 872	30 966	4 680
— $1,000	30 450	12 467	15 601	2 382	28 494	11 172	15 051	2 271
Fattened on grain and concentrates — farms	372	221	129	22	140	62	68	10
— number	4 608	2 687	1 742	179	3 728	2 063	1 522	143
— $1,000	2 332	1 291	955	86	1 916	1 002	842	72

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	370	194	148	28	165	49	97	19
number	5 133	2 753	2 140	240	3 893	1 804	1 900	189
Farms with—								
1 to 24	345	180	139	26	145	40	88	17
25 to 49	10	7	2	1	7	4	2	1
50 to 99	3	3	-	-	1	1	-	-
100 to 199	4	-	3	1	4	-	3	1
200 to 499	8	4	4	-	8	4	4	-
500 or more	-	-	-	-	-	-	-	-
Used or to be used for breeding ..... farms	154	79	65	10	78	25	48	5
number	1 049	564	458	27	739	323	395	21
Other ..... farms	320	171	123	26	140	44	79	17
number	4 084	2 189	1 682	213	3 154	1 481	1 505	168
Hogs and pigs sold ..... farms	239	142	79	18	85	33	42	10
number	7 595	4 110	3 216	269	5 669	2 761	2 677	231
$1,000	660	356	290	14	493	236	248	9
Feeder pigs ..... farms	68	33	27	8	28	7	16	5
number	3 598	1 842	1 535	221	2 526	1 166	1 155	205
$1,000	146	78	61	6	110	55	50	5
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ..... farms	161	80	69	12	83	25	51	7
number	1 327	753	531	43	1 005	513	457	35
Dec. 1 and May 31 ..... farms	148	74	63	11	75	22	46	7
number	701	384	291	26	516	250	(D)	(D)
June 1 and Nov. 30 ..... farms	113	62	47	4	62	23	36	3
number	626	369	240	17	489	263	(D)	(D)
Sheep and lambs of all ages inventory ..... farms	605	391	191	23	153	62	83	8
number	20 456	10 479	9 323	654	9 125	2 625	6 108	392
Ewes 1 year old or older ..... farms	542	352	171	19	131	55	69	7
number	12 824	7 025	5 257	542	5 515	(D)	3 342	(D)
Sheep and lambs sold ..... farms	515	340	158	17	114	44	64	6
number	19 348	9 251	9 569	528	9 988	2 652	7 116	220
Sheep and lambs shorn ..... farms	523	343	163	17	125	55	64	6
number	18 312	8 774	8 880	658	8 441	2 221	5 861	359
pounds of wool	131 750	64 034	62 771	4 945	61 828	18 036	41 219	2 573
Horses and ponies inventory ..... farms	1 427	850	490	87	532	197	283	52
number	7 588	4 337	2 644	607	2 969	1 179	1 461	329
Horses and ponies sold ..... farms	265	160	87	18	93	47	37	9
number	887	475	327	85	541	257	213	71
Goats inventory ..... farms	147	86	51	10	41	17	21	3
number	971	604	312	55	395	246	146	3
Goats sold ..... farms	41	25	14	2	7	3	4	-
number	427	248	(D)	(D)	162	86	76	-
POULTRY								
Chickens 3 months old or older inventory ..... farms	649	412	208	29	228	95	118	15
number	405 869	349 060	55 193	1 616	395 229	340 771	53 120	1 338
Farms with—								
1 to 399	632	397	207	28	212	81	117	14
400 to 3,199	8	7	-	1	7	6	-	1
3,200 to 9,999	1	1	-	-	1	1	-	-
10,000 to 19,999	1	1	-	-	1	1	-	-
20,000 to 49,999	5	5	-	-	5	5	-	-
50,000 to 99,999	1	-	1	-	1	-	1	-
100,000 or more	1	1	-	-	1	1	-	-
Hens and pullets of laying age ..... farms	645	410	206	29	224	93	116	15
number	358 595	312 069	44 968	1 558	348 439	304 098	(D)	(D)
Pullets 3 months old or older not of laying age ..... farms	76	53	17	6	28	19	8	1
number	47 274	36 991	10 225	58	46 790	36 673	(D)	(D)
Hens and pullets sold ..... farms	137	102	27	8	53	36	14	3
number	357 585	306 098	51 069	418	355 775	304 686	50 763	326
Broilers and other meat-type chickens sold ..... farms	53	34	14	5	9	4	5	-
number	5 231	1 788	3 053	390	2 635	300	2 335	-
Farms with—								
1 to 1,999	53	34	14	5	9	4	5	-
2,000 to 59,999	-	-	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	-	-	-
Turkey hens kept for breeding ..... farms	10	7	3	-	1	-	1	-
number	136	124	12	-	(D)	-	(D)	-
Turkeys sold ..... farms	99	60	29	10	43	18	20	5
number	17 982	11 622	4 908	1 452	14 207	8 435	4 505	1 267

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									
Corn for silage or green chop	farms	1 481	465	905	111	1 412	417	886	109
	acres	70 258	17 554	48 124	4 580	69 371	(D)	47 823	(D)
	tons, green	1 154 813	277 240	800 638	76 935	1 142 703	(D)	796 158	(D)
Irrigated	farms	9	4	5	-	9	4	5	-
	acres	290	158	132	-	290	158	132	-
Farms by acres harvested:									
1 to 24 acres		511	191	277	43	448	147	260	41
25 to 99 acres		814	249	507	58	809	245	506	58
100 to 249 acres		141	24	107	10	140	24	106	10
250 to 499 acres		11	1	10	-	11	1	10	-
500 acres or more		4	-	4	-	4	-	4	-
Irish potatoes	farms	57	31	20	6	31	14	14	3
	acres	162	29	121	12	141	21	114	6
	cwt	36 988	5 431	31 032	525	34 701	4 444	29 927	330
Irrigated	farms	1	-	-	1	-	-	-	-
	acres	(D)	-	-	(D)	-	-	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	4 640	2 414	1 895	331	2 825	1 068	1 508	249
	acres	432 881	154 733	245 871	32 277	373 807	114 812	230 124	28 871
	tons, dry	869 548	301 260	506 568	61 720	783 659	241 348	485 078	57 233
Irrigated	farms	13	10	3	-	10	7	3	-
	acres	371	301	70	-	300	230	70	-
Farms by acres harvested:									
1 to 24 acres		1 003	752	203	48	142	82	44	16
25 to 99 acres		2 028	1 176	695	157	1 156	544	498	114
100 to 249 acres		1 281	404	771	106	1 202	362	741	99
250 to 499 acres		286	73	194	19	283	71	193	19
500 acres or more		42	9	32	1	42	9	32	1
Tame hay other than alfalfa, small grain, and wild hay (see text)	farms	3 115	1 561	1 327	227	1 970	733	1 065	172
	acres	184 780	74 247	95 556	14 977	148 886	49 837	86 119	12 930
	tons, dry	365 497	144 510	192 680	28 307	313 138	108 151	179 479	25 508
Irrigated	farms	8	6	2	-	6	4	2	-
	acres	158	(D)	(D)	-	(D)	(D)	(D)	-
Vegetables harvested for sale (see text)	farms	230	136	69	25	126	55	55	16
	acres	2 038	725	1 133	179	1 780	551	1 074	155
Irrigated	farms	43	28	11	4	30	16	11	3
	acres	365	197	(D)	(D)	328	162	(D)	(D)
Farms by acres harvested:									
0.1 to 4.9 acres		134	91	28	15	47	19	20	8
5.0 to 24.9 acres		80	39	32	9	63	30	26	7
25.0 to 99.9 acres		15	6	8	1	15	6	8	1
100.0 to 249.9 acres		-	-	-	-	-	-	-	-
250.0 acres or more		1	-	1	-	1	-	1	-
Land in orchards	farms	221	168	43	10	82	51	25	6
	acres	4 797	3 598	904	295	4 062	2 920	864	278
Irrigated	farms	15	12	3	-	9	6	3	-
	acres	304	228	76	-	288	212	76	-
Farms by bearing and nonbearing acres:									
0.1 to 4.9 acres		125	96	26	3	27	16	10	1
5.0 to 24.9 acres		54	42	9	3	19	11	7	1
25.0 to 99.9 acres		30	21	5	4	24	15	5	4
100.0 to 249.9 acres		8	6	2	-	8	6	2	-
250.0 acres or more		4	3	1	-	4	3	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 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	5 877	5 096	510	232	209	206	23	22	39
percent	100.0	86.7	8.7	3.9	3.6	3.5	.4	.4	.7
Land in farms ..... acres	1 407 868	1 126 649	170 255	97 113	86 508	82 857	10 605	(D)	13 851
Average size of farm ..... acres	240	221	334	419	414	402	461	(D)	355
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD									
Total sales (see text) ..... farms	5 877	5 096	510	232	209	206	23	22	39
$1,000	375 537	281 865	55 969	35 545	(D)	32 624	(D)	(D)	2 157
Average per farm ..... dollars	63 899	55 311	109 744	153 211	(D)	158 369	(D)	(D)	55 311
Farms by value of sales:									
Less than $1,000 (see text)	820	765	33	17	16	16	1	-	5
$1,000 to $2,499	703	668	19	14	13	13	1	1	2
$2,500 to $4,999	589	530	36	18	14	14	4	4	5
$5,000 to $9,999	480	434	32	11	11	11	-	-	3
$10,000 to $19,999	347	303	18	22	17	17	5	5	4
$20,000 to $24,999	106	92	7	5	4	4	1	1	2
$25,000 to $39,999	263	223	25	14	11	11	3	3	1
$40,000 to $49,999	183	160	18	5	5	5	-	-	-
$50,000 to $99,999	992	843	110	29	26	26	3	3	10
$100,000 to $249,999	1 158	930	167	54	50	50	4	4	7
$250,000 to $499,999	194	130	35	29	28	26	1	1	-
$500,000 to $999,999	39	18	10	11	11	10	-	-	-
$1,000,000 or more	3	-	-	3	3	3	-	-	-
Grains ..... farms	85	63	15	7	7	7	-	-	-
$1,000	574	433	86	54	54	54	-	-	-
Sales of $50,000 or more ..... farms	1	1	-	-	-	-	-	-	-
$1,000	(D)	(D)	-	-	-	-	-	-	-
Corn for grain ..... farms	55	44	6	5	5	5	-	-	-
$1,000	461	351	(D)	(D)	(D)	(D)	-	-	-
Wheat ..... farms	15	6	8	1	1	1	-	-	-
$1,000	31	(D)	9	(D)	(D)	(D)	-	-	-
Soybeans ..... farms	1	-	1	-	-	-	-	-	-
$1,000	(D)	-	(D)	-	-	-	-	-	-
Sorghum for grain ..... farms	1	1	-	-	-	-	-	-	-
$1,000	(D)	(D)	-	-	-	-	-	-	-
Barley ..... farms	11	9	1	1	1	1	-	-	-
$1,000	34	(D)	(D)	(D)	(D)	(D)	-	-	-
Oats ..... farms	3	3	-	-	-	-	-	-	-
$1,000	(D)	(D)	-	-	-	-	-	-	-
Other grains ..... farms	7	6	1	-	-	-	-	-	-
$1,000	20	(D)	(D)	-	-	-	-	-	-
Cotton and cottonseed ..... farms	-	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-	-
Tobacco ..... farms	-	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-	-
Hay, silage, and field seeds ..... farms	1 588	1 404	117	57	52	51	5	5	10
$1,000	8 219	6 719	850	604	596	(D)	8	8	46
Sales of $50,000 or more ..... farms	12	6	4	2	2	2	-	-	-
$1,000	869	426	(D)	(D)	(D)	(D)	-	-	-
Vegetables, sweet corn, and melons ..... farms	230	198	17	13	10	10	3	3	2
$1,000	2 501	1 917	445	(D)	113	113	(D)	(D)	(D)
Sales of $50,000 or more ..... farms	13	11	2	-	-	-	-	-	-
$1,000	1 050	(D)	(D)	-	-	-	-	-	-
Fruits, nuts, and berries ..... farms	198	156	17	22	18	18	4	4	3
$1,000	8 513	3 410	711	4 377	4 068	4 068	309	309	14
Sales of $50,000 or more ..... farms	33	15	6	12	11	11	1	1	-
$1,000	7 512	2 671	593	4 248	(D)	(D)	(D)	(D)	-
Nursery and greenhouse crops ..... farms	197	144	18	29	25	25	4	4	6
$1,000	4 983	2 558	709	1 568	1 491	1 491	77	77	148
Sales of $50,000 or more ..... farms	29	13	5	10	10	10	-	-	1
$1,000	3 323	1 343	(D)	1 304	1 304	1 304	-	-	(D)
Other crops ..... farms	52	43	5	4	4	4	-	-	-
$1,000	397	332	17	48	48	48	-	-	-
Sales of $50,000 or more ..... farms	2	2	-	-	-	-	-	-	-
$1,000	(D)	(D)	-	-	-	-	-	-	-
Poultry and poultry products ..... farms	371	321	34	14	13	13	1	1	2
$1,000	5 224	2 417	1 183	(D)	1 618	1 618	(D)	(D)	(D)
Sales of $50,000 or more ..... farms	11	8	2	1	1	1	-	-	-
$1,000	4 744	2 034	(D)	(D)	(D)	(D)	-	-	-
Dairy products ..... farms	2 691	2 230	343	99	91	88	8	8	19
$1,000	298 527	226 547	46 261	24 182	23 501	22 025	681	681	1 536
Sales of $50,000 or more ..... farms	2 104	1 711	289	90	84	81	6	6	14
$1,000	281 511	211 543	44 559	23 973	(D)	21 842	(D)	(D)	1 436
Cattle and calves ..... farms	3 919	3 362	403	131	119	116	12	12	23
$1,000	42 148	33 978	5 382	2 486	2 309	2 172	176	176	302
Sales of $50,000 or more ..... farms	114	86	16	10	9	8	1	1	2
$1,000	13 373	10 750	1 571	(D)	844	(D)	(D)	(D)	(D)

See footnotes at end of table.

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

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

Item	Total	Individual or family	Partnership	Corporation: 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	239	209	16	8	7	7	1	1	6
$1,000	660	548	58	44	(D)	(D)	(D)	(D)	9
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-	-
Sheep, lambs, and wool ..... farms	576	506	46	18	17	17	1	1	6
$1,000	1 354	1 233	77	39	(D)	(D)	(D)	(D)	4
Sales of $50,000 or more ..... farms	4	4	-	-	-	-	-	-	-
$1,000	323	323	-	-	-	-	-	-	-
Other livestock and livestock products (see text) ..... farms	451	394	33	20	19	19	1	1	4
$1,000	2 438	1 771	190	388	(D)	(D)	(D)	(D)	90
Sales of $50,000 or more ..... farms	13	7	1	4	4	4	-	-	1
$1,000	954	544	(D)	(D)	(D)	(D)	-	-	(D)
FARM PRODUCTION EXPENSES[1]									
Total farm production expenses ..... farms	5 881	5 141	490	202	179	176	23	23	48
$1,000	289 945	219 642	39 813	28 557	27 624	26 222	933	933	1 933
Average per farm ..... dollars	49 302	42 724	81 251	141 372	154 323	148 988	40 582	40 582	40 271
Livestock and poultry purchased ..... farms	2 422	2 064	242	86	69	67	17	17	30
$1,000	19 702	16 181	2 016	1 436	1 388	(D)	48	48	68
Farms with expenses of—									
$1 to $4,999	1 418	1 213	131	46	31	31	15	15	28
$5,000 to $24,999	822	702	91	28	26	24	2	2	1
$25,000 to $99,999	173	143	19	10	10	10	-	-	1
$100,000 or more	9	6	1	2	2	2	-	-	-
Feed for livestock and poultry ..... farms	4 533	3 919	433	140	120	117	20	20	41
$1,000	89 318	68 707	12 890	7 260	7 109	6 721	150	150	461
Farms with expenses of—									
$1 to $4,999	1 868	1 669	122	55	40	40	15	15	22
$5,000 to $24,999	1 330	1 186	114	17	15	15	2	2	13
$25,000 to $99,999	1 253	1 018	178	51	48	47	3	3	6
$100,000 or more	82	46	19	17	17	15	-	-	-
Commercially mixed formula feeds ..... farms	3 488	2 951	399	106	88	85	18	18	32
$1,000	69 992	53 140	10 836	5 687	5 653	5 295	34	34	328
Farms with expenses of—									
$1 to $4,999	1 007	865	100	28	11	11	17	17	14
$5,000 to $24,999	1 527	1 363	127	23	22	22	1	1	14
$25,000 to $79,999	866	664	155	43	43	42	-	-	4
$80,000 or more	88	59	17	12	12	10	-	-	-
Seeds, bulbs, plants, and trees ..... farms	2 431	1 988	294	117	116	113	1	1	32
$1,000	2 983	2 084	486	398	(D)	377	(D)	(D)	16
Farms with expenses of—									
$1 to $999	1 560	1 324	168	40	40	40	-	-	28
$1,000 to $4,999	764	608	99	53	52	51	1	1	4
$5,000 to $24,999	103	56	26	21	21	19	-	-	-
$25,000 or more	4	-	1	3	3	3	-	-	-
Commercial fertilizer ..... farms	3 425	2 895	370	133	128	125	5	5	27
$1,000	9 015	6 653	1 468	852	836	783	15	15	41
Farms with expenses of—									
$1 to $4,999	2 910	2 525	273	86	82	81	4	4	26
$5,000 to $24,999	491	358	92	40	39	38	1	1	1
$25,000 to $49,999	21	11	5	5	5	4	-	-	-
$50,000 or more	3	1	-	2	2	2	-	-	-
Agricultural chemicals ..... farms	2 109	1 723	238	129	111	108	18	18	19
$1,000	2 816	1 869	338	586	554	521	32	32	23
Farms with expenses of—									
$1 to $4,999	2 032	1 681	222	111	94	93	17	17	18
$5,000 to $24,999	68	38	16	13	12	10	1	1	1
$25,000 to $49,999	5	3	-	2	2	2	-	-	-
$50,000 or more	4	1	-	3	3	3	-	-	-
Petroleum products ..... farms	5 470	4 774	467	186	163	160	23	23	43
$1,000	10 935	8 306	1 605	958	926	887	33	33	65
Farms with expenses of—									
$1 to $4,999	4 943	4 431	356	116	94	93	22	22	40
$5,000 to $24,999	520	341	109	67	66	65	1	1	3
$25,000 to $49,999	6	2	2	2	2	1	-	-	-
$50,000 or more	1	-	-	1	1	1	-	-	-
Gasoline and gasohol ..... farms	4 755	4 178	387	167	144	142	23	23	23
$1,000	4 765	3 704	667	370	351	(D)	19	19	24
Diesel fuel ..... farms	3 513	2 973	355	149	129	126	20	20	36
$1,000	4 392	3 246	696	429	418	394	11	11	22
Natural gas ..... farms	163	134	20	9	8	8	1	1	-
$1,000	184	128	48	8	(D)	(D)	(D)	(D)	-
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms	4 208	3 623	406	154	131	128	23	23	25
$1,000	1 593	1 227	195	152	(D)	145	(D)	(D)	19

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.
					Family held		Other than family held		
				Total	Total	10 or less stockholders	Total	10 or less stockholders	
FARM PRODUCTION EXPENSES[1] —Con.									
Total farm production expenses—Con.									
Electricity ..... farms	4 883	4 222	452	166	143	140	23	23	43
$1,000	10 851	8 361	1 609	793	773	744	21	21	88
Farms with expenses of—									
$1 to $999	2 173	1 974	118	59	42	42	17	17	22
$1,000 to $4,999	2 108	1 825	215	52	46	44	6	6	16
$5,000 to $24,999	596	421	119	51	51	50	-	-	5
$25,000 or more	6	2	-	4	4	4	-	-	-
Hired farm labor ..... farms	3 028	2 572	288	142	121	118	21	21	26
$1,000	31 704	21 344	4 016	5 870	5 708	5 411	162	162	474
Farms with expenses of—									
$1 to $4,999	1 681	1 486	137	45	27	27	18	18	13
$5,000 to $24,999	1 032	895	99	31	30	29	1	1	7
$25,000 to $99,999	289	183	49	53	51	50	2	2	4
$100,000 or more	26	8	3	13	13	12	-	-	2
Contract labor ..... farms	558	459	54	43	42	40	1	1	2
$1,000	1 515	955	(D)	382	(D)	(D)	(D)	(D)	(D)
Farms with expenses of—									
$1 to $999	296	248	29	18	17	17	1	1	1
$1,000 to $4,999	170	146	15	9	9	9	-	-	-
$5,000 to $24,999	84	63	9	11	11	9	-	-	1
$25,000 or more	8	2	1	5	5	5	-	-	-
Repair and maintenance ..... farms	5 045	4 399	427	176	154	151	22	22	43
$1,000	20 056	15 255	2 793	1 884	1 831	1 777	53	53	124
Farms with expenses of—									
$1 to $4,999	3 804	3 447	231	92	74	73	18	18	34
$5,000 to $24,999	1 165	909	184	63	59	58	4	4	9
$25,000 to $49,999	69	41	11	17	17	16	-	-	-
$50,000 or more	7	2	1	4	4	4	-	-	-
Customwork, machine hire, and rental of machinery and equipment ..... farms	1 612	1 362	177	51	50	48	1	1	22
$1,000	2 702	2 122	(D)	240	(D)	(D)	(D)	(D)	(D)
Farms with expenses of—									
$1 to $999	871	767	65	20	19	19	1	1	19
$1,000 to $4,999	616	497	101	16	16	16	-	-	2
$5,000 to $24,999	119	96	10	12	12	11	-	-	1
$25,000 or more	6	2	1	3	3	2	-	-	-
Interest expense ..... farms	3 187	2 647	378	134	113	110	21	21	28
$1,000	22 539	17 320	2 827	2 337	2 204	2 104	133	133	56
Farms with expenses of—									
$1 to $4,999	1 850	1 549	224	53	36	36	17	17	24
$5,000 to $24,999	1 185	999	130	52	49	47	3	3	4
$25,000 to $99,999	148	97	23	28	27	26	1	1	-
$100,000 or more	4	2	1	1	1	1	-	-	-
Secured by real estate ..... farms	2 408	2 009	263	114	98	97	16	16	22
$1,000	17 635	13 592	2 095	1 910	1 807	(D)	103	103	38
Farms with expenses of—									
$1 to $999	379	332	32	10	10	10	-	-	5
$1,000 to $4,999	949	785	117	32	17	17	15	15	15
$5,000 to $24,999	967	814	98	53	53	52	-	-	2
$25,000 or more	113	78	16	19	18	18	1	1	-
Not secured by real estate ..... farms	1 604	1 379	166	52	47	45	5	5	7
$1,000	4 904	3 727	732	427	397	(D)	30	30	18
Farms with expenses of—									
$1 to $999	621	565	46	9	9	9	-	-	1
$1,000 to $4,999	691	585	81	21	19	19	2	2	4
$5,000 to $24,999	280	223	35	20	17	16	3	3	2
$25,000 or more	12	6	4	2	2	1	-	-	-
Cash rent ..... farms	1 777	1 505	195	60	55	54	5	5	17
$1,000	4 688	3 643	628	356	312	(D)	44	44	60
Farms with expenses of—									
$1 to $4,999	1 515	1 302	156	42	40	40	2	2	15
$5,000 to $9,999	161	139	14	8	6	5	2	2	-
$10,000 to $24,999	90	58	23	7	6	6	1	1	2
$25,000 or more	11	6	2	3	3	3	-	-	-
Property taxes ..... farms	5 552	4 850	470	190	172	169	18	18	42
$1,000	14 467	11 395	1 712	1 251	1 081	1 022	170	170	109
Farms with expenses of—									
$1 to $4,999	4 912	4 422	358	92	92	91	-	-	40
$5,000 to $9,999	513	353	92	66	50	49	16	16	2
$10,000 to $24,999	118	74	19	25	24	24	1	1	-
$25,000 or more	9	1	1	7	6	5	1	1	-
All other farm production expenses ..... farms	5 505	4 778	482	198	175	172	23	23	47
$1,000	46 654	35 447	6 925	3 954	3 882	3 656	72	72	328
Farms with expenses of—									
$1 to $4,999	3 401	3 043	229	95	78	78	17	17	34
$5,000 to $24,999	1 595	1 365	166	56	50	49	6	6	8
$25,000 to $49,999	386	298	56	28	28	27	-	-	4
$50,000 or more	123	72	31	19	19	18	-	-	1

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	5 881	5 141	490	202	179	176	23	23	48
	$1,000	83 417	65 723	13 291	4 327	4 382	4 151	-56	-56	77
Average per farm	dollars	14 184	12 784	27 125	21 419	24 481	23 588	-2 417	-2 417	1 596
Farms with net gains[2]	number	3 313	2 843	346	97	93	90	4	4	27
Average net gain	dollars	29 987	27 674	41 804	58 897	59 337	58 750	48 678	48 678	18 284
Gain of—										
Less than $1,000		257	241	10	5	5	5	-	-	1
$1,000 to $9,999		872	788	55	17	16	16	1	1	12
$10,000 to $49,999		1 558	1 338	173	35	33	32	2	2	12
$50,000 or more		626	476	108	40	39	37	1	1	2
Farms with net losses	number	2 568	2 298	144	105	86	86	19	19	21
Average net loss	dollars	6 204	5 637	8 147	13 204	13 211	13 211	13 173	13 173	19 859
Loss of—										
Less than $1,000		367	341	24	2	2	2	-	-	-
$1,000 to $9,999		1 813	1 661	85	62	61	61	1	1	5
$10,000 to $49,999		369	286	33	36	18	18	18	18	14
$50,000 or more		19	10	2	5	5	5	-	-	2
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME										
Government payments	farms	633	518	83	29	27	26	2	2	3
	$1,000	3 882	2 783	552	545	(D)	(D)	(D)	(D)	2
Other farm-related income[1]	farms	2 137	1 853	172	88	71	70	17	17	24
	$1,000	7 556	5 664	1 027	753	348	(D)	406	406	112
Customwork and other agricultural services	farms	419	337	60	15	14	13	1	1	7
	$1,000	1 163	726	375	51	(D)	(D)	(D)	(D)	11
Gross cash rent or share payments	farms	384	352	14	17	15	15	2	2	1
	$1,000	850	793	(D)	41	(D)	(D)	(D)	(D)	(D)
Forest products and Christmas trees	farms	1 093	926	96	55	39	38	16	16	16
	$1,000	3 764	2 793	415	540	174	(D)	366	366	16
Other farm-related income sources	farms	845	707	80	45	30	30	15	15	13
	$1,000	1 779	1 352	(D)	122	99	99	23	23	(D)
COMMODITY CREDIT CORPORATION LOANS										
Total	farms	26	22	2	2	2	2	-	-	-
	$1,000	157	126	(D)	(D)	(D)	(D)	-	-	-
Corn	farms	14	11	2	1	1	1	-	-	-
	$1,000	(D)	48	(D)	(D)	(D)	(D)	-	-	-
Wheat	farms	-	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-	-
Soybeans	farms	-	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-	-
Sorghum, barley, and oats	farms	1	1	-	-	-	-	-	-	-
	$1,000	(D)	(D)	-	-	-	-	-	-	-
Cotton	farms	-	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey	farms	11	10	-	1	1	1	-	-	-
	$1,000	78	(D)	-	(D)	(D)	(D)	-	-	-
LAND IN FARMS ACCORDING TO USE										
Total cropland	farms	5 506	4 759	493	219	200	197	19	18	35
	acres	707 970	563 007	93 641	46 872	44 895	42 072	1 977	(D)	4 450
Harvested cropland	farms	5 069	4 372	458	207	188	185	19	18	32
	acres	488 253	381 055	68 350	36 073	34 618	32 283	1 455	(D)	2 775
Farms by acres harvested:										
1 to 49 acres		2 204	2 004	105	80	69	69	11	10	15
50 to 99 acres		1 070	949	99	18	17	17	1	1	4
100 to 199 acres		1 083	904	119	51	47	47	4	4	9
200 to 499 acres		643	479	116	44	41	40	3	3	4
500 to 999 acres		63	34	19	10	10	9	-	-	-
1,000 to 1,999 acres		5	2	-	3	3	2	-	-	-
2,000 acres or more		1	-	-	1	1	1	-	-	-
Cropland:										
Pasture or grazing only	farms	3 523	3 060	332	113	103	100	10	9	18
	acres	188 468	158 659	21 509	8 932	8 525	8 217	407	(D)	1 368
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	319	258	35	17	16	15	1	-	9
	acres	7 508	5 381	1 573	(D)	443	(D)	(D)	-	(D)
On which all crops failed	farms	95	83	6	5	4	4	1	1	1
	acres	1 608	1 266	(D)	(D)	(D)	(D)	(D)	(D)	(D)
In cultivated summer fallow	farms	86	72	12	1	1	1	-	-	1
	acres	1 884	1 497	(D)	(D)	(D)	(D)	-	-	(D)
Idle	farms	663	569	59	27	24	23	3	3	8
	acres	20 249	17 149	1 656	1 260	(D)	(D)	(D)	(D)	184
Total woodland	farms	4 360	3 784	383	163	148	145	15	14	30
	acres	529 115	427 781	56 607	37 252	29 693	28 904	7 559	(D)	7 475
Woodland pastured	farms	1 832	1 579	186	59	52	51	7	6	8
	acres	123 624	101 467	13 985	7 588	7 360	(D)	228	(D)	584
Woodland not pastured	farms	3 700	3 189	333	149	136	133	13	12	29
	acres	405 491	326 314	42 622	29 664	22 333	(D)	7 331	(D)	6 891

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	
LAND IN FARMS ACCORDING TO USE—Con.									
Pastureland and rangeland other than cropland and woodland pastured ..... farms..	1 713	1 463	151	81	75	75	6	6	18
acres..	103 133	83 396	11 565	7 286	6 935	6 935	351	351	886
Land in house lots, ponds, roads, wasteland, etc. ..... farms..	3 559	3 081	305	141	124	121	17	16	32
acres..	67 650	52 465	8 442	5 703	4 985	4 946	718	(D)	1 040
Cropland under federal acreage reduction programs:									
Annual commodity acreage adjustment programs ..... farms..	76	53	14	9	9	8	-	-	-
acres..	1 789	1 085	431	273	273	(D)	-	-	-
Conservation reserve program ..... farms..	19	12	5	1	1	1	-	-	1
acres..	715	496	(D)	(D)	(D)	(D)	-	-	(D)
Value of land and buildings[1] ..... farms..	5 881	5 141	490	202	179	176	23	23	48
$1,000..	1 521 489	1 239 055	164 788	99 332	85 374	83 141	13 958	13 958	18 314
Average per farm ..... dollars..	258 713	241 014	336 302	491 743	476 950	472 392	606 870	606 870	381 542
Average per acre ..... dollars..	1 124	1 134	1 113	1 016	1 039	1 058	898	898	1 204
Farms by value group:									
$1 to $39,999	544	480	41	16	14	14	2	2	7
$40,000 to $69,999	361	327	23	11	11	11	-	-	-
$70,000 to $99,999	501	477	19	2	2	2	-	-	3
$100,000 to $149,999	923	858	47	17	17	17	-	-	1
$150,000 to $199,999	772	689	57	25	23	23	2	2	1
$200,000 to $499,999	2 021	1 755	192	46	46	46	-	-	28
$500,000 to $999,999	619	458	91	65	49	46	16	16	5
$1,000,000 to $1,999,999	116	79	17	18	15	15	3	3	2
$2,000,000 to $4,999,999	23	18	3	1	1	1	-	-	1
$5,000,000 or more	1	-	-	1	1	1	-	-	-
VALUE OF MACHINERY AND EQUIPMENT[1]									
Estimated market value of all machinery and equipment ..... farms..	5 872	5 132	490	202	179	176	23	23	48
$1,000..	270 641	218 406	33 268	16 469	15 228	14 640	1 241	1 241	2 498
Farms by value group:									
$1 to $4,999	389	380	7	2	-	-	2	2	-
$5,000 to $9,999	1 096	1 031	26	39	39	39	-	-	-
$10,000 to $19,999	887	781	78	12	12	12	-	-	16
$20,000 to $49,999	1 424	1 267	110	37	34	34	3	3	10
$50,000 to $99,999	1 256	1 039	147	52	36	35	16	16	18
$100,000 to $199,999	664	530	92	41	39	39	2	2	1
$200,000 to $499,999	148	100	30	16	16	14	-	-	2
$500,000 or more	8	4	-	3	3	3	-	-	1
SELECTED MACHINERY AND EQUIPMENT[1]									
Motortrucks, including pickups ..... farms..	4 738	4 105	415	186	167	164	19	19	32
number..	7 318	6 066	722	470	356	346	114	114	60
Wheel tractors ..... farms..	5 448	4 744	465	191	168	165	23	23	48
number..	15 295	12 805	1 698	664	614	589	50	50	128
Less than 40 horsepower (PTO) ..... farms..	3 505	3 100	250	112	92	90	20	20	43
number..	5 911	5 171	459	214	174	(D)	40	40	67
40 horsepower (PTO) or more ..... farms..	3 779	3 223	400	134	127	124	7	7	22
number..	9 384	7 634	1 239	450	440	(D)	10	10	61
Grain and bean combines ..... farms..	117	92	17	6	6	6	-	-	2
number..	128	98	22	(D)	(D)	(D)	-	-	(D)
Cottonpickers and strippers ..... farms..	-	-	-	-	-	-	-	-	-
number..	-	-	-	-	-	-	-	-	-
Mower conditioners ..... farms..	3 255	2 818	315	102	98	95	4	4	20
number..	3 706	3 175	379	130	126	120	4	4	22
Pickup balers ..... farms..	3 472	3 021	335	97	78	75	19	19	19
number..	3 882	3 390	362	111	91	87	20	20	19
AGRICULTURAL CHEMICALS[1]									
Commercial fertilizer ..... farms..	3 418	2 889	370	132	127	124	5	5	27
acres on which used..	284 133	220 987	39 466	22 423	21 972	19 972	451	451	1 257
Lime ..... farms..	1 345	1 123	141	76	73	72	3	3	5
acres on which used..	43 638	33 475	5 564	4 416	4 074	(D)	342	342	183
tons..	73 269	54 505	10 420	7 974	6 884	(D)	1 090	1 090	370
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops ..... farms..	560	447	66	43	41	40	2	2	4
acres on which used..	22 170	14 689	3 690	3 622	(D)	(D)	(D)	(D)	169
Nematodes in crops ..... farms..	68	43	17	7	7	7	-	-	1
acres on which used..	5 063	3 960	726	(D)	(D)	(D)	-	-	(D)
Diseases in crops and orchards ..... farms..	238	194	23	20	19	19	1	1	1
acres on which used..	7 366	4 695	(D)	1 620	(D)	(D)	(D)	(D)	(D)
Weeds, grass, or brush in crops and pasture ..... farms..	1 534	1 237	186	95	78	76	17	17	16
acres on which used..	74 766	54 653	10 621	8 806	8 292	(D)	514	514	686
Chemicals for defoliation or for growth control of crops or thinning of fruit ..... farms..	67	45	9	11	10	10	1	1	2
acres on which used..	3 912	2 485	(D)	903	(D)	(D)	(D)	(D)	(D)

See footnotes at end of table.

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

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

Item	Total	Individual or family	Partnership	Corporation: 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	5 877	5 096	510	232	209	206	23	22	39
Full owners	3 383	3 004	225	129	114	113	15	14	25
Part owners	2 089	1 756	249	73	70	68	3	3	11
Tenants	405	336	36	30	25	25	5	5	3
White	5 856	5 078	509	230	207	204	23	22	39
Full owners	3 374	2 997	224	128	113	112	15	14	25
Part owners	2 079	1 747	249	72	69	67	3	3	11
Tenants	403	334	36	30	25	25	5	5	3
Black and other races	21	18	1	2	2	2	-	-	-
Full owners	9	7	1	1	1	1	-	-	-
Part owners	10	9	-	1	1	1	-	-	-
Tenants	2	2	-	-	-	-	-	-	-
OWNED AND RENTED LAND									
Land owned — farms	5 477	4 765	474	202	184	181	18	17	36
acres	1 131 306	902 423	133 859	82 784	73 115	69 835	9 669	(D)	12 240
Owned land in farms — farms	5 472	4 760	474	202	184	181	18	17	36
acres	1 103 362	877 369	132 416	81 465	(D)	(D)	(D)	(D)	12 112
Land rented or leased from others — farms	2 511	2 106	287	104	96	94	8	8	14
acres	308 393	252 861	37 981	15 812	14 367	(D)	1 445	1 445	1 739
Rented or leased land in farms — farms	2 494	2 092	285	103	95	93	8	8	14
acres	304 506	249 280	37 839	15 648	(D)	(D)	(D)	(D)	1 739
Land rented or leased to others — farms	445	405	18	18	16	16	2	2	4
acres	31 831	28 635	1 585	1 483	(D)	(D)	(D)	(D)	128
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated	5 121	4 462	451	183	169	166	14	13	25
Not on farm operated	485	392	43	40	33	33	7	7	10
Not reported	271	242	16	9	7	7	2	2	4
Operators by principal occupation:									
Farming	3 762	3 166	400	173	158	155	15	15	23
Other	2 115	1 930	110	59	51	51	8	7	16
Operators by days of work off farm:									
None	2 854	2 396	314	124	111	109	13	13	20
Any	2 695	2 416	174	90	83	82	7	6	15
1 to 99 days	595	508	50	33	31	30	2	2	4
100 to 199 days	502	449	35	17	16	16	1	1	1
200 days or more	1 598	1 459	89	40	36	36	4	3	10
Not reported	328	284	22	18	15	15	3	3	4
Operators by years on present farm:									
2 years or less	329	278	26	20	17	17	3	3	5
3 or 4 years	437	363	50	21	20	20	1	1	3
5 to 9 years	1 031	906	82	34	30	30	4	4	9
10 years or more	3 345	2 929	276	126	116	114	10	9	14
Average years on present farm	18.1	18.2	19.5	16.0	16.6	16.4	10.9	10.6	11.0
Not reported	735	620	76	31	26	25	5	5	8
Operators by age group:									
Under 25 years	56	35	12	7	7	7	-	-	2
25 to 34 years	705	606	58	32	29	28	3	3	9
35 to 44 years	1 480	1 293	121	56	51	51	5	5	10
45 to 49 years	701	613	54	30	26	26	4	4	4
50 to 54 years	650	569	60	19	16	16	3	3	2
55 to 59 years	660	580	54	24	21	20	3	3	2
60 to 64 years	595	508	58	27	23	23	4	4	2
65 to 69 years	445	380	39	22	22	21	-	-	4
70 years and over	585	512	54	15	14	14	1	-	4
Average age	50.4	50.5	50.4	49.0	49.1	49.1	48.0	46.6	46.8
Operators by sex:									
Male	5 302	4 607	457	205	183	180	22	21	33
Female	575	489	53	27	26	26	1	1	6
Operators of Spanish origin (see text)	24	17	5	1	1	1	-	-	1
FARMS BY TYPE OF ORGANIZATION									
Individual or family (sole proprietorship) — farms	5 096	5 096	-	-	-	-	-	-	-
acres	1 126 649	1 126 649	-	-	-	-	-	-	-
Partnership — farms	510	-	510	-	-	-	-	-	-
acres	170 255	-	170 255	-	-	-	-	-	-
Corporation:									
Family held — farms	209	-	-	209	209	206	-	-	-
acres	86 508	-	-	86 508	86 508	82 857	-	-	-
More than 10 stockholders — farms	3	-	-	3	3	-	-	-	-
10 or less stockholders — farms	206	-	-	206	206	206	-	-	-
Other than family held — farms	23	-	-	23	-	-	23	22	-
acres	10 605	-	-	10 605	-	-	10 605	(D)	-
More than 10 stockholders — farms	1	-	-	1	-	-	1	-	-
10 or less stockholders — farms	22	-	-	22	-	-	22	22	-
Other—cooperative, estate or trust, institutional, etc. — farms	39	-	-	-	-	-	-	-	39
acres	13 851	-	-	-	-	-	-	-	13 851

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	281	239	16	23	18	18	5	5	3
10 to 49 acres	834	769	39	20	19	19	1	1	6
50 to 69 acres	287	263	15	8	5	5	3	2	1
70 to 99 acres	400	368	19	9	8	8	1	1	4
100 to 139 acres	581	536	33	9	8	8	1	1	3
140 to 179 acres	532	481	28	23	23	23	-	-	-
180 to 219 acres	493	430	50	12	9	9	3	3	1
220 to 259 acres	451	393	40	13	12	12	1	1	5
260 to 499 acres	1 376	1 159	160	49	49	49	-	-	8
500 to 999 acres	559	413	94	47	40	40	7	7	5
1,000 to 1,999 acres	71	38	16	15	15	12	-	-	2
2,000 acres or more	12	7	-	4	3	3	1	1	1
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION									
Cash grains (011)	9	8	1	-	-	-	-	-	-
Field crops, except cash grains (013)	818	751	37	26	26	26	-	-	4
Cotton (0131)	-	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	818	751	37	26	26	26	-	-	4
Vegetables and melons (016)	104	95	7	2	2	2	-	-	-
Fruits and tree nuts (017)	136	102	14	19	15	15	4	4	1
Horticultural specialties (018)	137	96	11	25	21	21	4	4	5
General farms, primarily crop (019)	214	199	9	4	3	3	1	-	2
Livestock, except dairy, poultry, and animal specialties (021)	1 436	1 323	70	36	31	31	5	5	7
Beef cattle, except feedlots (0212)	870	806	43	19	16	16	3	3	2
Dairy farms (024)	2 586	2 140	331	97	89	86	8	8	18
Poultry and eggs (025)	62	53	4	5	5	5	-	-	-
Animal specialties (027)	307	267	23	16	15	15	1	1	1
General farms, primarily livestock and animal specialties (029)	68	62	3	2	2	2	-	-	1
LIVESTOCK									
Cattle and calves inventory — farms	4 128	3 561	401	141	126	123	15	14	25
— number	320 189	248 073	46 321	24 193	23 147	21 776	1 046	(D)	1 602
Farms with—									
1 to 9	675	631	24	15	12	12	3	2	5
10 to 49	1 112	1 019	62	22	19	19	3	3	9
50 to 99	1 168	1 012	131	23	19	19	4	4	2
100 to 199	903	730	124	40	35	35	5	5	9
200 to 499	244	154	55	35	35	34	-	-	-
500 or more	26	15	5	6	6	4	-	-	-
Cows and heifers that had calved — farms	3 715	3 191	378	127	112	109	15	14	19
— number	188 772	145 872	27 845	14 102	13 540	12 736	562	(D)	953
Beef cows — farms	1 180	1 073	66	39	29	29	10	9	2
— number	9 805	8 350	817	(D)	431	431	(D)	(D)	(D)
Farms with—									
1 to 9	859	791	42	24	19	19	5	4	2
10 to 49	305	274	20	11	9	9	2	2	-
50 to 99	11	6	2	3	-	-	3	3	-
100 to 199	3	1	2	-	-	-	-	-	-
200 to 499	2	1	-	1	1	1	-	-	-
500 or more	-	-	-	-	-	-	-	-	-
Milk cows — farms	2 846	2 393	336	100	92	89	8	8	17
— number	178 967	137 522	27 028	(D)	13 109	12 305	(D)	(D)	(D)
Farms with—									
1 to 4	226	217	6	3	3	3	-	-	-
5 to 9	41	41	-	-	-	-	-	-	-
10 to 49	978	864	92	14	10	10	4	4	8
50 to 99	1 173	980	153	33	29	29	4	4	7
100 to 199	353	252	68	31	31	31	-	-	2
200 to 499	72	38	17	17	17	14	-	-	-
500 or more	3	1	-	2	2	2	-	-	-
Heifers and heifer calves — farms	3 388	2 891	358	119	105	102	14	13	20
— number	113 021	86 630	17 173	8 599	8 217	(D)	382	(D)	619
Steers, steer calves, bulls, and bull calves — farms	2 151	1 854	207	81	74	73	7	6	9
— number	18 396	15 571	1 303	1 492	1 390	(D)	102	(D)	30
Cattle and calves sold — farms	3 919	3 362	403	131	119	116	12	12	23
— number	170 741	137 051	21 606	11 098	10 492	9 841	606	606	986
— $1,000	42 148	33 978	5 382	2 486	2 309	2 172	176	176	302
Calves — farms	3 092	2 612	348	112	100	97	12	12	20
— number	108 869	88 096	13 311	6 976	6 611	6 177	365	365	486
— $1,000	11 698	10 296	889	474	441	420	33	33	39
Cattle — farms	3 544	3 022	377	123	111	108	12	12	22
— number	61 872	48 955	8 295	4 122	3 881	3 664	241	241	500
— $1,000	30 450	23 682	4 493	2 011	1 868	1 752	143	143	264
Fattened on grain and concentrates — farms	372	335	26	10	10	10	-	-	1
— number	4 608	3 817	(D)	443	443	443	-	-	(D)
— $1,000	2 332	1 861	(D)	286	286	286	-	-	(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.
LIVESTOCK—Con.									
Hogs and pigs inventory ..... farms	370	320	32	11	10	10	1	1	7
number	5 133	4 533	259	287	(D)	(D)	(D)	(D)	54
Farms with—									
1 to 24	345	300	29	9	8	8	1	1	7
25 to 49	10	6	3	1	1	1	-	-	-
50 to 99	3	3	-	-	-	-	-	-	-
100 to 199	4	3	-	1	1	1	-	-	-
200 to 499	8	8	-	-	-	-	-	-	-
500 or more	-	-	-	-	-	-	-	-	-
Used or to be used for breeding ..... farms	154	121	19	9	8	8	1	1	5
number	1 049	884	98	55	(D)	(D)	(D)	(D)	12
Other ..... farms	320	282	23	10	9	9	1	1	5
number	4 084	3 649	161	232	(D)	(D)	(D)	(D)	42
Hogs and pigs sold ..... farms	239	209	16	8	7	7	1	1	6
number	7 595	6 367	721	395	(D)	(D)	(D)	(D)	112
$1,000	660	548	58	44	(D)	(D)	(D)	(D)	9
Feeder pigs ..... farms	68	57	7	2	1	1	1	1	2
number	3 598	3 134	356	(D)	(D)	(D)	(D)	(D)	(D)
$1,000	146	131	11	(D)	(D)	(D)	(D)	(D)	(D)
Litters of pigs farrowed between—									
Dec. 1 of preceding year and Nov. 30 ..... farms	161	127	20	9	8	8	1	1	5
number	1 327	1 133	112	68	(D)	(D)	(D)	(D)	14
Dec. 1 and May 31 ..... farms	148	117	19	7	6	6	1	1	5
number	701	593	66	35	(D)	(D)	(D)	(D)	7
June 1 and Nov. 30 ..... farms	113	89	12	7	6	6	1	1	5
number	626	540	46	33	(D)	(D)	(D)	(D)	7
Sheep and lambs of all ages inventory ..... farms	605	535	46	18	17	17	1	1	6
number	20 456	17 858	1 486	995	(D)	(D)	(D)	(D)	117
Ewes 1 year old or older ..... farms	542	476	43	17	16	16	1	1	6
number	12 824	10 979	1 152	(D)	(D)	(D)	(D)	(D)	(D)
Sheep and lambs sold ..... farms	515	455	38	16	15	15	1	1	6
number	19 348	17 379	1 256	632	(D)	(D)	(D)	(D)	81
Sheep and lambs shorn ..... farms	523	460	41	16	15	15	1	1	6
number	18 312	16 169	1 303	752	(D)	(D)	(D)	(D)	88
pounds of wool	131 750	115 523	9 977	5 570	(D)	(D)	(D)	(D)	680
Horses and ponies inventory ..... farms	1 427	1 267	103	50	46	46	4	4	7
number	7 588	6 170	649	660	637	637	23	23	109
Horses and ponies sold ..... farms	265	227	21	16	15	15	1	1	1
number	887	676	(D)	142	(D)	(D)	(D)	(D)	(D)
Goats inventory ..... farms	147	132	6	6	5	5	1	1	3
number	971	883	68	10	(D)	(D)	(D)	(D)	10
Goats sold ..... farms	41	40	1	-	-	-	-	-	-
number	427	(D)	(D)	-	-	-	-	-	-
POULTRY									
Chickens 3 months old or older inventory ..... farms	649	570	54	16	13	13	3	2	9
number	405 869	184 203	95 789	125 442	125 206	125 206	236	(D)	435
Farms with—									
1 to 399	632	557	51	15	12	12	3	2	9
400 to 3,199	8	7	1	-	-	-	-	-	-
3,200 to 9,999	1	1	-	-	-	-	-	-	-
10,000 to 19,999	1	1	-	-	-	-	-	-	-
20,000 to 49,999	5	4	1	-	-	-	-	-	-
50,000 to 99,999	1	-	1	-	-	-	-	-	-
100,000 or more	1	-	-	1	1	1	-	-	-
Hens and pullets of laying age ..... farms	645	566	54	16	13	13	3	2	9
number	358 595	156 009	76 748	125 403	125 167	125 167	236	(D)	435
Pullets 3 months old or older not of laying age ..... farms	76	68	5	3	3	3	-	-	-
number	47 274	28 194	19 041	39	39	39	-	-	-
Hens and pullets sold ..... farms	137	122	10	4	4	4	-	-	1
number	357 585	138 162	(D)	125 039	125 039	125 039	-	-	(D)
Broilers and other meat-type chickens sold ..... farms	53	48	4	1	1	1	-	-	-
number	5 231	4 172	(D)	(D)	(D)	(D)	-	-	-
Farms with—									
1 to 1,999	53	48	4	1	1	1	-	-	-
2,000 to 59,999	-	-	-	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	-	-	-	-
Turkey hens kept for breeding ..... farms	10	6	-	2	2	2	-	-	2
number	136	34	-	(D)	(D)	(D)	-	-	(D)
Turkeys sold ..... farms	99	83	9	6	6	6	-	-	1
number	17 982	15 467	(D)	1 511	1 511	1 511	-	-	(D)

See footnotes at end of table.

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

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

Item	Total	Individual or family	Partnership	Corporation					Other—cooperative, estate or trust, institutional, etc.
				Total	Family held		Other than family held		
					Total	10 or less stockholders	Total	10 or less stockholders	
CROPS HARVESTED									
Corn for silage or green chop ---- farms	1 481	1 181	216	71	69	67	2	2	13
acres	70 258	51 932	10 539	7 304	(D)	(D)	(D)	(D)	483
tons, green	1 154 813	848 472	173 510	126 041	(D)	(D)	(D)	(D)	6 790
Irrigated ---- farms	9	9	-	-	-	-	-	-	-
acres	290	290	-	-	-	-	-	-	-
Farms by acres harvested:									
1 to 24 acres	511	417	76	13	12	12	1	1	5
25 to 99 acres	814	657	113	36	35	35	1	1	8
100 to 249 acres	141	98	25	18	18	17	-	-	-
250 to 499 acres	11	7	2	2	2	1	-	-	-
500 acres or more	4	2	-	2	2	2	-	-	-
Irish potatoes ---- farms	57	48	7	1	1	1	-	-	1
acres	162	152	(D)	(D)	(D)	(D)	-	-	(D)
cwt	36 988	35 883	(D)	(D)	(D)	(D)	-	-	(D)
Irrigated ---- farms	1	1	-	-	-	-	-	-	-
acres	(D)	(D)	-	-	-	-	-	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) -- farms	4 640	4 035	421	158	147	144	11	10	26
acres	432 881	344 187	59 152	27 168	25 902	23 957	1 266	(D)	2 374
tons, dry	869 548	679 115	126 599	59 718	57 543	53 067	2 175	(D)	4 116
Irrigated ---- farms	13	12	-	-	-	-	-	-	1
acres	371	(D)	-	-	-	-	-	-	(D)
Farms by acres harvested:									
1 to 24 acres	1 003	925	49	23	22	22	1	-	6
25 to 99 acres	2 028	1 828	140	48	44	44	4	4	12
100 to 249 acres	1 281	1 055	170	50	45	45	5	5	6
250 to 499 acres	286	207	51	26	25	24	1	1	2
500 acres or more	42	20	11	11	11	9	-	-	-
Tame hay other than alfalfa, small grain, and wild hay (see text) ---- farms	3 115	2 716	289	94	86	85	8	8	16
acres	184 780	155 002	20 164	8 731	8 131	(D)	600	600	883
tons, dry	365 497	301 526	42 996	19 544	18 335	(D)	1 209	1 209	1 431
Irrigated ---- farms	8	8	-	-	-	-	-	-	-
acres	158	158	-	-	-	-	-	-	-
Vegetables harvested for sale (see text) --- farms	230	198	17	13	10	10	3	3	2
acres	2 038	1 478	461	(D)	71	71	(D)	(D)	(D)
Irrigated ---- farms	43	36	6	1	-	-	1	1	-
acres	365	243	(D)	(D)	-	-	(D)	(D)	-
Farms by acres harvested:									
0.1 to 4.9 acres	134	119	7	7	5	5	2	2	1
5.0 to 24.9 acres	80	66	7	6	5	5	1	1	1
25.0 to 99.9 acres	15	13	2	-	-	-	-	-	-
100.0 to 249.9 acres	-	-	-	-	-	-	-	-	-
250.0 acres or more	1	-	1	-	-	-	-	-	-
Land in orchards ---- farms	221	173	20	26	20	20	6	6	2
acres	4 797	2 160	(D)	2 305	2 128	2 128	177	177	(D)
Irrigated ---- farms	15	6	6	2	2	2	-	-	1
acres	304	109	10	(D)	(D)	(D)	-	-	(D)
Farms by bearing and nonbearing acres:									
0.1 to 4.9 acres	125	112	10	3	2	2	1	1	-
5.0 to 24.9 acres	54	40	7	5	4	4	1	1	2
25.0 to 99.9 acres	30	16	3	11	7	7	4	4	-
100.0 to 249.9 acres	8	5	-	3	3	3	-	-	-
250.0 acres or more	4	-	-	4	4	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 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	5 877	3 762	45	518	878	779	796	746
percent	100.0	64.0	.8	8.8	14.9	13.3	13.5	12.7
Land in farms ..... acres	1 407 868	1 121 907	9 900	136 120	245 277	268 028	254 652	207 930
Average size of farm ..... acres	240	298	220	263	279	344	320	279
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms	5 877	3 762	45	518	878	779	796	746
$1,000	375 537	350 418	3 292	48 320	87 923	96 873	73 402	40 609
Average per farm ..... dollars	63 899	93 147	73 153	93 281	100 140	124 355	92 214	54 435
Farms by value of sales:								
Less than $1,000 (see text)	820	193	2	19	33	14	32	93
$1,000 to $2,499	703	200	4	15	21	15	46	99
$2,500 to $4,999	589	208	1	14	36	27	42	88
$5,000 to $9,999	480	223	4	26	38	30	51	74
$10,000 to $19,999	347	220	-	22	47	46	46	59
$20,000 to $24,999	106	77	1	7	16	18	16	19
$25,000 to $39,999	263	220	3	33	46	38	50	50
$40,000 to $49,999	183	158	1	24	34	36	41	22
$50,000 to $99,999	992	934	15	158	263	182	201	115
$100,000 to $249,999	1 158	1 105	14	180	289	307	218	97
$250,000 to $499,999	194	182	-	18	47	49	45	23
$500,000 to $999,999	39	39	-	2	8	15	8	6
$1,000,000 or more	3	3	-	-	-	2	-	1
Grains ..... farms	85	66	1	6	22	17	14	6
$1,000	574	470	(D)	(D)	147	109	94	80
Sales of $50,000 or more ..... farms	1	1	-	-	-	-	-	1
$1,000	(D)	(D)	-	-	-	-	-	(D)
Corn for grain ..... farms	55	44	-	4	19	10	9	2
$1,000	461	375	-	33	142	59	(D)	(D)
Wheat ..... farms	15	12	-	-	2	3	4	3
$1,000	31	(D)	-	-	(D)	(D)	14	4
Soybeans ..... farms	1	1	-	-	-	1	-	-
$1,000	(D)	(D)	-	-	-	(D)	-	-
Sorghum for grain ..... farms	1	1	-	-	-	-	-	1
$1,000	(D)	(D)	-	-	-	-	-	(D)
Barley ..... farms	11	11	1	2	2	4	1	1
$1,000	34	34	(D)	(D)	(D)	24	(D)	(D)
Oats ..... farms	3	3	-	-	1	-	2	-
$1,000	(D)	(D)	-	-	(D)	-	(D)	-
Other grains ..... farms	7	1	-	-	-	-	1	-
$1,000	20	(D)	-	-	-	-	(D)	-
Cotton and cottonseed ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Tobacco ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Hay, silage, and field seeds ..... farms	1 588	886	9	106	170	149	210	242
$1,000	8 219	5 765	71	1 049	1 257	1 195	1 290	903
Sales of $50,000 or more ..... farms	12	11	-	5	2	3	1	-
$1,000	869	(D)	-	339	(D)	205	(D)	-
Vegetables, sweet corn, and melons ..... farms	230	152	1	33	37	33	23	25
$1,000	2 501	2 336	(D)	(D)	596	821	259	138
Sales of $50,000 or more ..... farms	13	13	-	3	3	7	-	-
$1,000	1 050	1 050	-	248	201	600	-	-
Fruits, nuts, and berries ..... farms	198	122	1	18	30	25	22	26
$1,000	8 513	7 767	(D)	(D)	686	2 933	1 018	2 387
Sales of $50,000 or more ..... farms	33	30	1	4	4	9	5	7
$1,000	7 512	7 028	(D)	(D)	499	2 729	865	2 222
Nursery and greenhouse crops ..... farms	197	111	-	20	31	25	15	20
$1,000	4 983	3 347	-	595	1 108	977	382	284
Sales of $50,000 or more ..... farms	29	20	-	5	6	6	2	1
$1,000	3 323	2 396	-	475	782	784	(D)	(D)
Other crops ..... farms	52	44	2	5	7	10	11	9
$1,000	397	383	(D)	(D)	122	211	13	16
Sales of $50,000 or more ..... farms	2	2	-	-	1	1	-	-
$1,000	(D)	(D)	-	-	(D)	(D)	-	-
Poultry and poultry products ..... farms	371	182	5	28	50	38	29	32
$1,000	5 224	5 039	20	982	167	3 046	40	785
Sales of $50,000 or more ..... farms	11	11	-	4	1	5	-	1
$1,000	4 744	4 744	-	(D)	(D)	2 997	-	(D)
Dairy products ..... farms	2 691	2 527	31	390	640	590	553	323
$1,000	298 527	286 269	2 642	39 257	72 677	78 241	62 210	31 242
Sales of $50,000 or more ..... farms	2 104	2 023	24	317	541	501	427	213
$1,000	281 511	271 175	2 403	37 020	69 459	75 599	58 351	28 343
Cattle and calves ..... farms	3 919	3 009	38	429	707	658	668	509
$1,000	42 148	36 257	326	4 931	10 287	8 524	7 770	4 418
Sales of $50,000 or more ..... farms	114	96	-	9	33	26	16	12
$1,000	13 373	11 162	-	1 384	4 352	2 734	1 655	1 037

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	2 115	11	187	602	572	459	284
..... percent	36.0	.2	3.2	10.2	9.7	7.8	4.8
Land in farms ..... acres	285 961	1 248	19 550	58 276	77 408	74 452	55 027
Average size of farm ..... acres	135	113	105	97	135	162	194
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... farms	2 115	11	187	602	572	459	284
..... $1,000	25 119	531	2 002	6 994	7 359	4 977	3 257
Average per farm ..... dollars	11 877	48 238	10 705	11 618	12 866	10 842	11 467
Farms by value of sales:							
Less than $1,000 (see text)	627	-	56	162	164	149	96
$1,000 to $2,499	503	2	37	158	136	113	57
$2,500 to $4,999	381	4	32	99	100	89	57
$5,000 to $9,999	257	2	25	76	76	43	35
$10,000 to $19,999	127	-	16	44	37	20	10
$20,000 to $24,999	29	-	2	9	6	7	5
$25,000 to $39,999	43	-	2	17	7	11	6
$40,000 to $49,999	25	-	4	7	7	5	2
$50,000 to $99,999	58	2	10	12	16	9	9
$100,000 to $249,999	53	-	3	15	21	10	4
$250,000 to $499,999	12	1	-	3	2	3	3
$500,000 to $999,999	-	-	-	-	-	-	-
$1,000,000 or more	-	-	-	-	-	-	-
Grains ..... farms	19	-	1	7	2	3	6
..... $1,000	104	-	(D)	20	(D)	(D)	66
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
Corn for grain ..... farms	11	-	1	2	2	2	4
..... $1,000	85	-	(D)	(D)	(D)	(D)	(D)
Wheat ..... farms	3	-	-	2	-	1	-
..... $1,000	(D)	-	-	(D)	-	(D)	-
Soybeans ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
Sorghum for grain ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
Barley ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
Oats ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
Other grains ..... farms	6	-	-	3	-	1	2
..... $1,000	(D)	-	-	14	-	(D)	(D)
Cotton and cottonseed ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
Tobacco ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
Hay, silage, and field seeds ..... farms	702	-	64	185	178	161	114
..... $1,000	2 454	-	186	741	665	427	435
Sales of $50,000 or more ..... farms	1	-	-	1	-	-	-
..... $1,000	(D)	-	-	(D)	-	-	-
Vegetables, sweet corn, and melons ..... farms	78	-	9	33	16	10	10
..... $1,000	165	-	20	75	26	19	25
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
Fruits, nuts, and berries ..... farms	76	1	7	29	9	19	11
..... $1,000	746	(D)	(D)	137	(D)	226	345
Sales of $50,000 or more ..... farms	3	-	-	-	-	1	2
..... $1,000	484	-	-	-	-	(D)	(D)
Nursery and greenhouse crops ..... farms	86	-	11	31	16	19	9
..... $1,000	1 636	-	93	492	261	629	161
Sales of $50,000 or more ..... farms	9	-	-	2	2	4	1
..... $1,000	927	-	-	(D)	(D)	427	(D)
Other crops ..... farms	8	-	2	5	-	1	-
..... $1,000	14	-	(D)	12	-	(D)	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
Poultry and poultry products ..... farms	189	1	15	72	56	37	8
..... $1,000	185	(D)	(D)	52	53	76	1
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
Dairy products ..... farms	164	3	26	43	50	22	20
..... $1,000	12 258	398	1 134	3 156	4 123	1 915	1 531
Sales of $50,000 or more ..... farms	81	1	9	24	28	10	9
..... $1,000	10 336	(D)	(D)	2 764	3 605	1 571	1 261
Cattle and calves ..... farms	910	10	80	248	269	202	101
..... $1,000	5 891	125	495	1 582	1 677	1 438	575
Sales of $50,000 or more ..... farms	18	-	1	4	6	6	1
..... $1,000	2 211	-	(D)	(D)	655	730	(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	239	123	1	28	34	28	13	19
$1,000	660	480	(D)	(D)	120	200	49	67
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Sheep, lambs, and wool ..... farms	576	233	3	30	62	45	45	48
$1,000	1 354	737	14	215	211	86	155	57
Sales of $50,000 or more ..... farms	4	2	-	2	-	-	-	-
$1,000	323	(D)	-	(D)	-	-	-	-
Other livestock and livestock products (see text) ..... farms	451	209	4	23	64	43	31	44
$1,000	2 438	1 568	20	121	545	529	123	230
Sales of $50,000 or more ..... farms	13	8	-	1	3	2	-	2
$1,000	954	647	-	(D)	182	(D)	-	(D)
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses ..... farms	5 881	3 751	50	554	845	824	773	705
$1,000	289 945	264 814	2 523	36 894	65 800	76 877	52 657	30 064
Average per farm ..... dollars	49 302	70 598	50 459	66 596	77 870	93 297	68 120	42 643
Livestock and poultry purchased ..... farms	2 422	1 741	32	306	495	410	296	202
$1,000	19 702	17 462	199	3 699	5 030	4 855	2 535	1 144
Farms with expenses of—								
$1 to $4,999	1 418	854	12	119	227	180	173	143
$5,000 to $24,999	822	718	19	142	214	191	99	53
$25,000 to $99,999	173	161	1	44	51	36	23	6
$100,000 or more	9	8	-	1	3	3	1	-
Feed for livestock and poultry ..... farms	4 533	3 176	49	475	751	741	656	504
$1,000	89 318	84 334	1 093	11 842	21 593	24 093	16 823	8 891
Farms with expenses of—								
$1 to $4,999	1 868	679	-	95	132	102	156	194
$5,000 to $24,999	1 330	1 208	30	149	273	290	271	195
$25,000 to $99,999	1 253	1 211	19	222	326	327	209	108
$100,000 or more	82	78	-	9	20	22	20	7
Commercially mixed formula feeds ..... farms	3 488	2 824	49	436	669	689	576	405
$1,000	69 992	66 619	1 020	8 914	16 318	19 474	13 458	7 435
Farms with expenses of—								
$1 to $4,999	1 007	505	11	85	98	92	101	118
$5,000 to $24,999	1 527	1 396	20	221	352	332	282	189
$25,000 to $79,999	866	839	18	122	197	239	175	88
$80,000 or more	88	84	-	8	22	26	18	10
Seeds, bulbs, plants, and trees ..... farms	2 431	2 033	23	324	433	528	469	256
$1,000	2 983	2 759	14	447	628	820	617	233
Farms with expenses of—								
$1 to $999	1 560	1 218	21	202	237	294	275	189
$1,000 to $4,999	764	720	2	101	177	201	179	60
$5,000 to $24,999	103	91	-	21	17	32	14	7
$25,000 or more	4	4	-	-	2	1	1	-
Commercial fertilizer ..... farms	3 425	2 621	41	420	618	615	578	349
$1,000	9 015	8 428	94	1 149	2 154	2 462	1 695	874
Farms with expenses of—								
$1 to $4,999	2 910	2 119	29	355	493	473	475	294
$5,000 to $24,999	491	478	12	65	119	131	100	51
$25,000 to $49,999	21	21	-	-	4	10	3	4
$50,000 or more	3	3	-	-	2	1	-	-
Agricultural chemicals ..... farms	2 109	1 696	15	265	384	412	386	234
$1,000	2 816	2 636	19	318	616	710	493	480
Farms with expenses of—								
$1 to $4,999	2 032	1 622	14	254	366	391	373	224
$5,000 to $24,999	68	65	1	11	16	17	13	7
$25,000 to $49,999	5	5	-	-	2	3	-	-
$50,000 or more	4	4	-	-	-	1	-	3
Petroleum products ..... farms	5 470	3 626	50	536	823	791	755	671
$1,000	10 935	9 727	66	1 167	2 321	2 676	2 159	1 337
Farms with expenses of—								
$1 to $4,999	4 943	3 118	49	477	702	640	633	617
$5,000 to $24,999	520	502	1	59	118	149	122	53
$25,000 to $49,999	6	5	-	-	3	1	-	1
$50,000 or more	1	1	-	-	-	1	-	-
Gasoline and gasohol ..... farms	4 755	3 249	36	460	725	711	717	600
$1,000	4 765	4 155	34	496	902	1 125	919	680
Diesel fuel ..... farms	3 513	2 665	38	398	657	643	575	354
$1,000	4 392	4 018	26	446	1 056	1 145	881	466
Natural gas ..... farms	163	145	-	19	23	38	33	32
$1,000	184	162	-	12	40	53	40	17
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms	4 208	3 185	44	476	732	751	656	526
$1,000	1 593	1 391	7	214	323	354	319	174

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	116	3	14	48	32	15	4
$1,000	179	5	9	53	57	47	8
Sales of $50,000 or more ... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Sheep, lambs, and wool ... farms	343	2	27	133	106	49	26
$1,000	616	(D)	(D)	224	302	42	25
Sales of $50,000 or more ... farms	2	-	-	-	2	-	-
$1,000	(D)	-	-	-	(D)	-	-
Other livestock and livestock products (see text) ... farms	242	2	23	86	78	34	19
$1,000	871	(D)	(D)	450	164	149	84
Sales of $50,000 or more ... farms	5	-	-	3	-	1	1
$1,000	307	-	-	(D)	-	(D)	(D)
FARM PRODUCTION EXPENSES[1]							
Total farm production expenses ... farms	2 130	29	169	617	555	450	310
$1,000	25 131	544	3 079	6 870	7 520	4 201	2 916
Average per farm ... dollars	11 798	18 770	18 221	11 135	13 550	9 335	9 405
Livestock and poultry purchased ... farms	681	20	75	187	197	140	62
$1,000	2 240	17	291	631	730	387	184
Farms with expenses of—							
$1 to $4,999	564	20	53	152	166	121	52
$5,000 to $24,999	104	-	21	33	25	16	9
$25,000 to $99,999	12	-	1	2	5	3	1
$100,000 or more	1	-	-	-	1	-	-
Feed for livestock and poultry ... farms	1 357	21	116	428	398	274	120
$1,000	4 983	116	597	1 597	1 614	584	475
Farms with expenses of—							
$1 to $4,999	1 189	20	74	384	351	257	103
$5,000 to $24,999	122	-	41	26	30	13	12
$25,000 to $99,999	42	1	1	17	15	3	5
$100,000 or more	4	-	-	1	2	1	-
Commercially mixed formula feeds ... farms	664	14	77	224	158	128	63
$1,000	3 373	41	432	1 065	1 212	272	352
Farms with expenses of—							
$1 to $4,999	502	13	35	181	113	112	48
$5,000 to $24,999	131	1	42	33	30	14	11
$25,000 to $79,999	27	-	-	9	12	2	4
$80,000 or more	4	-	-	1	3	-	-
Seeds, bulbs, plants, and trees ... farms	398	14	41	109	78	105	51
$1,000	225	(D)	(D)	63	55	64	19
Farms with expenses of—							
$1 to $999	342	13	40	93	63	90	43
$1,000 to $4,999	44	1	-	14	10	11	8
$5,000 to $24,999	12	-	1	2	5	4	-
$25,000 or more	-	-	-	-	-	-	-
Commercial fertilizer ... farms	804	1	76	226	177	174	150
$1,000	586	(D)	(D)	151	164	114	101
Farms with expenses of—							
$1 to $4,999	791	1	75	224	172	173	146
$5,000 to $24,999	13	-	1	2	5	1	4
$25,000 to $49,999	-	-	-	-	-	-	-
$50,000 or more	-	-	-	-	-	-	-
Agricultural chemicals ... farms	413	-	24	153	87	97	52
$1,000	180	-	10	56	29	46	41
Farms with expenses of—							
$1 to $4,999	410	-	24	153	87	96	50
$5,000 to $24,999	3	-	-	-	-	1	2
$25,000 to $49,999	-	-	-	-	-	-	-
$50,000 or more	-	-	-	-	-	-	-
Petroleum products ... farms	1 844	29	166	537	493	385	234
$1,000	1 208	6	115	303	382	241	161
Farms with expenses of—							
$1 to $4,999	1 825	29	165	532	486	383	230
$5,000 to $24,999	18	-	1	5	6	2	4
$25,000 to $49,999	1	-	-	-	1	-	-
$50,000 or more	-	-	-	-	-	-	-
Gasoline and gasohol ... farms	1 506	15	153	450	411	296	181
$1,000	610	1	54	147	210	122	76
Diesel fuel ... farms	848	14	93	263	225	169	84
$1,000	374	4	30	99	124	67	51
Natural gas ... farms	18	-	-	2	2	13	1
$1,000	22	-	-	(D)	(D)	16	(D)
LP gas, fuel oil, kerosene, motor oil, grease, etc. ... farms	1 023	8	126	293	275	183	138
$1,000	202	(Z)	31	(D)	(D)	37	(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
FARM PRODUCTION EXPENSES[1] —Con.								
Total farm production expenses—Con.								
Electricity ..... farms	4 883	3 454	49	520	811	792	720	562
$1,000	10 851	9 998	103	1 288	2 460	2 877	2 095	1 175
Farms with expenses of—								
$1 to $999	2 173	947	11	138	169	147	204	278
$1,000 to $4,999	2 108	1 935	37	314	504	464	387	229
$5,000 to $24,999	596	566	1	68	137	178	129	53
$25,000 or more	6	6	-	-	1	3	-	2
Hired farm labor ..... farms	3 028	2 460	10	370	606	609	481	384
$1,000	31 704	29 253	35	2 848	6 194	9 008	6 590	4 579
Farms with expenses of—								
$1 to $4,999	1 681	1 195	7	231	324	229	199	205
$5,000 to $24,999	1 032	973	3	120	214	288	208	140
$25,000 to $99,999	289	268	-	19	63	84	68	34
$100,000 or more	26	24	-	-	5	8	6	5
Contract labor ..... farms	558	405	-	56	109	122	75	43
$1,000	1 515	1 370	-	115	296	470	312	178
Farms with expenses of—								
$1 to $999	296	176	-	19	45	65	24	23
$1,000 to $4,999	170	144	-	28	40	25	38	13
$5,000 to $24,999	84	77	-	9	23	29	11	5
$25,000 or more	8	8	-	-	1	3	2	2
Repair and maintenance ..... farms	5 045	3 471	43	511	811	793	738	575
$1,000	20 056	18 024	212	2 191	4 249	5 192	3 840	2 340
Farms with expenses of—								
$1 to $4,999	3 804	2 303	29	363	539	460	474	438
$5,000 to $24,999	1 165	1 097	14	143	260	309	245	126
$25,000 to $49,999	69	65	-	5	11	21	18	10
$50,000 or more	7	6	-	-	1	3	1	1
Customwork, machine hire, and rental of machinery and equipment ..... farms	1 612	1 258	8	212	285	296	270	187
$1,000	2 702	2 391	14	434	640	669	352	281
Farms with expenses of—								
$1 to $999	871	636	-	107	99	113	190	127
$1,000 to $4,999	616	503	8	91	145	149	62	48
$5,000 to $24,999	119	113	-	13	41	32	17	10
$25,000 or more	6	6	-	1	-	2	1	2
Interest expense ..... farms	3 187	2 549	38	389	703	636	525	258
$1,000	22 539	20 264	135	3 243	5 353	6 301	3 508	1 725
Farms with expenses of—								
$1 to $4,999	1 850	1 318	27	157	357	293	331	153
$5,000 to $24,999	1 185	1 088	11	211	320	296	166	84
$25,000 to $99,999	148	140	-	21	24	46	28	21
$100,000 or more	4	3	-	-	2	1	-	-
Secured by real estate ..... farms	2 408	1 903	21	231	521	526	417	187
$1,000	17 635	15 746	121	2 306	4 073	5 134	2 826	1 286
Farms with expenses of—								
$1 to $999	379	255	-	3	57	50	111	34
$1,000 to $4,999	949	656	10	57	183	196	136	74
$5,000 to $24,999	967	886	11	156	264	245	148	62
$25,000 or more	113	106	-	15	17	35	22	17
Not secured by real estate ..... farms	1 604	1 341	18	288	388	319	212	116
$1,000	4 904	4 518	14	937	1 279	1 166	683	439
Farms with expenses of—								
$1 to $999	621	449	12	63	154	91	73	56
$1,000 to $4,999	691	616	6	154	156	160	105	35
$5,000 to $24,999	280	265	-	71	76	65	31	22
$25,000 or more	12	11	-	-	2	3	3	3
Cash rent ..... farms	1 777	1 521	22	247	482	384	247	139
$1,000	4 688	4 352	63	1 040	1 473	946	588	242
Farms with expenses of—								
$1 to $4,999	1 515	1 264	22	178	382	338	215	129
$5,000 to $9,999	161	158	-	50	58	21	22	7
$10,000 to $24,999	90	88	-	15	39	23	9	2
$25,000 or more	11	11	-	4	3	2	1	1
Property taxes ..... farms	5 552	3 497	39	448	776	800	762	672
$1,000	14 467	10 707	92	1 057	2 192	2 645	2 588	1 933
Farms with expenses of—								
$1 to $4,999	4 912	2 962	36	412	666	629	622	597
$5,000 to $9,999	513	427	2	30	100	135	104	56
$10,000 to $24,999	118	100	1	6	9	33	36	15
$25,000 or more	9	8	-	-	1	3	-	4
All other farm production expenses ..... farms	5 505	3 660	50	554	834	818	757	647
$1,000	46 654	43 109	383	6 056	10 602	12 952	8 462	4 653
Farms with expenses of—								
$1 to $4,999	3 401	1 705	13	211	340	272	400	469
$5,000 to $24,999	1 595	1 462	36	280	365	392	256	133
$25,000 to $49,999	386	374	1	52	99	113	79	30
$50,000 or more	123	119	-	11	30	41	22	15

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	1 429	21	121	431	401	294	161
$1,000	853	16	106	209	294	144	83
Farms with expenses of—							
$1 to $999	1 226	20	84	376	331	274	141
$1,000 to $4,999	173	-	35	49	60	14	15
$5,000 to $24,999	30	1	2	6	10	6	5
$25,000 or more	-	-	-	-	-	-	-
Hired farm labor ..... farms	568	1	35	142	154	132	104
$1,000	2 451	(D)	(D)	746	834	413	265
Farms with expenses of—							
$1 to $4,999	486	-	32	117	123	122	92
$5,000 to $24,999	59	-	1	18	25	5	10
$25,000 to $99,999	21	1	2	6	5	5	2
$100,000 or more	2	-	-	1	1	-	-
Contract labor ..... farms	153	-	17	26	59	42	9
$1,000	145	-	8	22	42	38	35
Farms with expenses of—							
$1 to $999	120	-	16	22	42	39	1
$1,000 to $4,999	26	-	-	3	17	1	5
$5,000 to $24,999	7	-	1	1	-	2	3
$25,000 or more	-	-	-	-	-	-	-
Repair and maintenance ..... farms	1 574	21	142	444	452	334	181
$1,000	2 032	17	275	410	617	302	411
Farms with expenses of—							
$1 to $4,999	1 501	21	125	436	426	328	165
$5,000 to $24,999	68	-	17	8	25	6	12
$25,000 to $49,999	4	-	-	-	-	-	4
$50,000 or more	1	-	-	-	1	-	-
Customwork, machine hire, and rental of machinery and equipment ..... farms	354	14	48	91	78	77	46
$1,000	311	7	52	68	71	73	41
Farms with expenses of—							
$1 to $999	235	13	17	70	48	56	31
$1,000 to $4,999	113	1	31	19	29	19	14
$5,000 to $24,999	6	-	-	2	1	2	1
$25,000 or more	-	-	-	-	-	-	-
Interest expense ..... farms	638	14	53	140	200	176	55
$1,000	2 275	116	292	538	718	437	174
Farms with expenses of—							
$1 to $4,999	532	13	35	110	169	159	46
$5,000 to $24,999	97	-	17	28	29	15	8
$25,000 to $99,999	8	-	1	2	2	2	1
$100,000 or more	1	1	-	-	-	-	-
Secured by real estate ..... farms	505	14	52	89	158	144	48
$1,000	1 889	(D)	(D)	460	581	370	151
Farms with expenses of—							
$1 to $999	124	-	8	23	16	53	24
$1,000 to $4,999	293	13	27	37	122	77	17
$5,000 to $24,999	81	-	16	27	19	13	6
$25,000 or more	7	1	1	2	1	1	1
Not secured by real estate ..... farms	263	1	12	69	120	52	9
$1,000	385	(D)	(D)	78	137	67	23
Farms with expenses of—							
$1 to $999	172	-	2	47	77	40	6
$1,000 to $4,999	75	-	8	19	38	9	1
$5,000 to $24,999	15	-	2	3	5	3	2
$25,000 or more	1	1	-	-	-	-	-
Cash rent ..... farms	256	14	28	86	65	45	18
$1,000	336	36	52	128	78	31	12
Farms with expenses of—							
$1 to $4,999	251	13	28	85	63	44	18
$5,000 to $9,999	3	1	-	-	1	1	-
$10,000 to $24,999	2	-	-	1	1	-	-
$25,000 or more	-	-	-	-	-	-	-
Property taxes ..... farms	2 055	22	149	604	546	443	291
$1,000	3 760	48	372	935	896	889	619
Farms with expenses of—							
$1 to $4,999	1 950	21	135	574	526	419	275
$5,000 to $9,999	86	1	3	29	20	22	11
$10,000 to $24,999	18	-	10	1	-	2	5
$25,000 or more	1	-	1	-	-	-	-
All other farm production expenses ..... farms	1 845	21	159	513	496	396	260
$1,000	3 545	111	689	1 014	997	438	295
Farms with expenses of—							
$1 to $4,999	1 696	20	135	453	451	386	251
$5,000 to $24,999	133	-	22	54	40	9	8
$25,000 to $49,999	12	-	1	4	5	1	1
$50,000 or more	4	1	1	2	-	-	-

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	5 881	3 751	50	554	845	824	773	705
$1,000	83 417	83 690	1 210	11 291	19 349	22 643	19 462	9 735
Average per farm ..... dollars	14 184	22 311	24 201	20 381	22 898	27 479	25 177	13 809
Farms with net gains[2] ..... number	3 313	2 764	37	408	664	657	585	413
Average net gain ..... dollars	29 987	33 438	36 289	31 740	32 090	37 691	35 989	26 646
Gain of—								
Less than $1,000	257	99	-	17	19	12	16	35
$1,000 to $9,999	872	630	10	73	131	145	143	128
$10,000 to $49,999	1 558	1 439	18	240	386	343	282	170
$50,000 or more	626	596	9	78	128	157	144	80
Farms with net losses ..... number	2 568	987	13	146	181	167	188	292
Average net loss ..... dollars	6 204	8 847	10 203	11 360	10 822	12 696	8 466	4 349
Loss of—								
Less than $1,000	367	73	-	1	6	10	3	53
$1,000 to $9,999	1 813	667	11	99	103	99	144	211
$10,000 to $49,999	369	234	1	45	70	52	39	27
$50,000 or more	19	13	1	1	2	6	2	1
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME								
Government payments ..... farms	633	502	4	74	120	131	114	59
$1,000	3 882	3 436	11	240	544	1 279	987	375
Other farm-related income[1] ..... farms	2 137	1 421	13	193	369	307	296	243
$1,000	7 556	5 395	49	529	1 522	1 365	895	1 034
Customwork and other agricultural services ..... farms	419	280	1	50	91	52	59	27
$1,000	1 163	907	(D)	(D)	379	254	72	82
Gross cash rent or share payments ..... farms	384	194	-	18	38	17	59	62
$1,000	850	620	-	64	54	31	120	352
Forest products and Christmas trees ..... farms	1 093	663	11	70	150	159	154	119
$1,000	3 764	2 321	42	188	546	628	457	459
Other farm-related income sources ..... farms	845	721	10	107	192	182	152	78
$1,000	1 779	1 547	(D)	(D)	543	453	246	141
COMMODITY CREDIT CORPORATION LOANS								
Total ..... farms	26	22	-	3	9	2	6	2
$1,000	157	143	-	7	73	(D)	33	(D)
Corn ..... farms	14	14	-	3	4	1	5	1
$1,000	(D)	(D)	-	7	(D)	(D)	(D)	(D)
Wheat ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Soybeans ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Sorghum, barley, and oats ..... farms	1	1	-	-	-	1	-	-
$1,000	(D)	(D)	-	-	-	(D)	-	-
Cotton ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey ..... farms	11	7	-	-	5	-	1	1
$1,000	78	65	-	-	(D)	-	(D)	(D)
LAND IN FARMS ACCORDING TO USE								
Total cropland ..... farms	5 506	3 593	41	498	830	752	769	703
acres	707 970	602 767	5 593	79 749	144 487	153 852	132 098	86 988
Harvested cropland ..... farms	5 069	3 408	38	473	782	715	742	658
acres	488 253	427 226	4 218	57 925	104 678	110 756	91 759	57 890
Farms by acres harvested:								
1 to 49 acres	2 204	899	10	101	164	128	188	308
50 to 99 acres	1 070	843	10	119	186	165	203	160
100 to 199 acres	1 083	992	10	174	261	230	200	117
200 to 499 acres	643	610	8	73	155	172	138	64
500 to 999 acres	63	58	-	6	15	18	12	7
1,000 to 1,999 acres	5	5	-	-	1	1	1	2
2,000 acres or more	1	1	-	-	-	1	-	-
Cropland:								
Pasture or grazing only ..... farms	3 523	2 414	28	338	572	516	523	437
acres	188 468	153 706	1 242	19 094	34 829	37 701	35 497	25 343
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms	319	222	1	38	59	46	45	33
acres	7 508	5 644	(D)	(D)	1 389	940	1 983	556
On which all crops failed ..... farms	95	69	2	9	15	19	15	9
acres	1 608	1 336	(D)	(D)	264	379	385	151
In cultivated summer fallow ..... farms	86	65	-	13	24	9	13	6
acres	1 884	1 634	-	133	510	189	671	131
Idle ..... farms	663	372	3	70	83	83	62	71
acres	20 249	13 221	29	1 768	2 817	3 887	1 803	2 917
Total woodland ..... farms	4 360	2 889	29	366	647	606	650	591
acres	529 115	387 364	3 591	43 471	70 904	84 797	92 919	91 682
Woodland pastured ..... farms	1 832	1 387	14	175	304	317	321	256
acres	123 624	100 907	325	10 478	18 533	28 726	22 762	20 083
Woodland not pastured ..... farms	3 700	2 416	27	299	548	496	542	504
acres	405 491	286 457	3 266	32 993	52 371	56 071	70 157	71 599

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	2 130	29	169	617	555	450	310
$1,000	-273	-46	-134	907	-795	-224	18
Average per farm ..... dollars	-128	-1 571	-793	1 470	-1 432	-497	59
Farms with net gains[2] ..... number	549	16	62	166	135	98	72
Average net gain ..... dollars	12 616	5 995	10 205	15 588	9 840	13 350	13 519
Gain of—							
Less than $1,000	158	-	9	61	39	21	28
$1,000 to $9,999	242	15	27	52	65	60	23
$10,000 to $49,999	119	1	26	45	28	4	15
$50,000 or more	30	-	-	8	3	13	6
Farms with net losses ..... number	1 581	13	107	451	420	352	238
Average net loss ..... dollars	4 553	10 882	7 165	3 727	5 055	4 352	4 013
Loss of—							
Less than $1,000	294	-	18	116	64	50	46
$1,000 to $9,999	1 146	-	85	299	309	269	184
$10,000 to $49,999	135	13	3	35	45	32	7
$50,000 or more	6	-	1	1	2	1	1
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME							
Government payments ..... farms	131	1	14	50	37	21	8
$1,000	446	(D)	(D)	124	116	119	21
Other farm-related income[1] ..... farms	716	14	84	216	134	163	105
$1,000	2 161	91	82	673	384	770	160
Customwork and other agricultural services ..... farms	139	-	22	60	17	33	7
$1,000	257	-	27	80	16	124	9
Gross cash rent or share payments ..... farms	190	-	21	39	45	70	15
$1,000	230	-	(D)	(D)	56	86	12
Forest products and Christmas trees ..... farms	430	14	49	149	73	73	72
$1,000	1 443	7	41	529	256	488	122
Other farm-related income sources ..... farms	124	13	17	2	32	46	14
$1,000	231	85	(D)	(D)	56	72	17
COMMODITY CREDIT CORPORATION LOANS							
Total ..... farms	4	-	-	3	1	-	-
$1,000	13	-	-	(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	4	-	-	3	1	-	-
$1,000	13	-	-	(D)	(D)	-	-
LAND IN FARMS ACCORDING TO USE							
Total cropland ..... farms	1 913	6	169	538	528	416	256
acres	105 203	313	8 726	26 017	29 887	23 878	16 382
Harvested cropland ..... farms	1 661	4	144	463	443	371	236
acres	61 027	209	4 959	15 612	16 741	13 227	10 279
Farms by acres harvested:							
1 to 49 acres	1 305	3	110	381	334	289	188
50 to 99 acres	227	-	24	47	70	56	30
100 to 199 acres	91	1	6	26	28	21	9
200 to 499 acres	33	-	4	7	11	5	6
500 to 999 acres	5	-	-	2	-	-	3
1,000 to 1,999 acres	-	-	-	-	-	-	-
2,000 acres or more	-	-	-	-	-	-	-
Cropland:							
Pasture or grazing only ..... farms	1 109	2	107	325	324	239	112
acres	34 762	(D)	(D)	8 317	10 230	8 921	4 337
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms	97	2	6	29	23	20	17
acres	1 864	(D)	(D)	409	389	194	763
On which all crops failed ..... farms	26	-	8	10	2	6	-
acres	272	-	159	(D)	(D)	26	-
In cultivated summer fallow ..... farms	21	-	1	8	4	4	4
acres	250	-	(D)	(D)	(D)	34	42
Idle ..... farms	291	3	31	98	67	66	26
acres	7 028	22	615	1 504	2 450	1 476	961
Total woodland ..... farms	1 471	5	106	404	409	338	209
acres	141 751	536	8 813	24 848	37 141	39 599	30 814
Woodland pastured ..... farms	445	-	38	121	125	104	57
acres	22 717	-	902	3 247	5 563	5 762	7 243
Woodland not pastured ..... farms	1 284	5	85	354	353	300	187
acres	119 034	536	7 911	21 601	31 578	33 837	23 571

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	1 713	1 142	11	137	274	224	248	248
acres	103 133	84 673	458	9 112	20 515	16 924	18 717	18 947
Land in house lots, ponds, roads, wasteland, etc. ..... farms	3 559	2 235	24	284	526	483	504	414
acres	67 650	47 103	258	3 788	9 371	12 455	10 918	10 313
Cropland under federal acreage reduction programs:								
Annual commodity acreage adjustment programs ..... farms	76	70	-	7	25	16	18	4
acres	1 789	1 717	-	183	509	408	424	193
Conservation reserve program ..... farms	19	15	-	6	5	1	1	2
acres	715	446	-	276	79	(D)	(D)	(D)
Value of land and buildings[1] ..... farms	5 881	3 751	50	554	845	824	773	705
$1,000	1 521 489	1 113 972	11 718	139 978	264 030	278 304	232 105	187 837
Average per farm ..... dollars	258 713	296 980	234 360	252 668	312 462	337 748	300 265	266 435
Average per acre ..... dollars	1 124	1 056	1 026	1 160	1 132	1 030	992	1 012
Farms by value group:								
$1 to $39,999	544	227	8	64	28	11	47	69
$40,000 to $69,999	361	151	-	35	27	23	20	46
$70,000 to $99,999	501	200	-	38	13	39	54	56
$100,000 to $149,999	923	541	26	70	172	141	81	51
$150,000 to $199,999	772	534	1	79	104	114	99	137
$200,000 to $499,999	2 021	1 512	1	198	356	358	347	252
$500,000 to $999,999	619	466	14	51	118	106	97	80
$1,000,000 to $1,999,999	116	109	-	18	26	27	28	10
$2,000,000 to $4,999,999	23	10	-	1	1	4	-	4
$5,000,000 or more	1	1	-	-	-	1	-	-
VALUE OF MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ..... farms	5 872	3 750	50	554	845	823	773	705
$1,000	270 641	229 639	2 062	30 566	53 222	60 024	49 973	33 791
Farms by value group:								
$1 to $4,999	389	125	-	30	16	9	30	40
$5,000 to $9,999	1 096	320	17	18	52	34	69	130
$10,000 to $19,999	887	468	-	79	88	104	89	108
$20,000 to $49,999	1 424	974	17	164	242	182	176	193
$50,000 to $99,999	1 256	1 085	14	167	267	272	238	127
$100,000 to $199,999	664	629	2	82	150	186	139	70
$200,000 to $499,999	148	142	-	13	28	35	30	36
$500,000 or more	8	7	-	1	2	1	2	1
SELECTED MACHINERY AND EQUIPMENT[1]								
Motortrucks, including pickups ..... farms	4 738	3 228	50	510	742	751	674	501
number	7 318	5 308	78	722	1 331	1 299	1 097	781
Wheel tractors ..... farms	5 448	3 586	50	531	811	787	754	653
number	15 295	11 684	124	1 350	2 598	2 827	2 735	2 050
Less than 40 horsepower (PTO) ..... farms	3 505	2 045	35	257	371	435	479	468
number	5 911	3 715	45	390	597	733	947	1 003
40 horsepower (PTO) or more ..... farms	3 779	2 863	50	399	722	697	608	407
number	9 384	7 969	79	960	2 001	2 094	1 788	1 047
Grain and bean combines ..... farms	117	94	-	11	25	24	20	14
number	128	105	-	11	28	26	24	16
Cottonpickers and strippers ..... farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners ..... farms	3 255	2 572	35	385	616	595	567	374
number	3 706	2 933	37	428	696	695	641	436
Pickup balers ..... farms	3 472	2 599	35	364	570	567	636	427
number	3 882	2 949	44	388	631	669	714	503
AGRICULTURAL CHEMICALS[1]								
Commercial fertilizer ..... farms	3 418	2 615	41	420	612	615	578	349
acres on which used	284 133	260 385	3 279	39 971	64 097	73 852	52 652	26 534
Lime ..... farms	1 345	1 002	13	157	284	277	168	103
acres on which used	43 638	37 412	330	5 363	11 395	8 947	7 930	3 447
tons	73 269	62 109	772	8 881	18 990	16 487	11 819	5 160
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms	560	469	2	79	96	141	113	38
acres on which used	22 170	21 203	(D)	(D)	4 466	6 735	5 109	1 672
Nematodes in crops ..... farms	68	64	-	14	22	15	11	2
acres on which used	5 063	4 650	-	980	1 502	973	(D)	(D)
Diseases in crops and orchards ..... farms	238	160	1	19	47	19	40	34
acres on which used	7 366	6 596	(D)	(D)	1 686	1 127	1 596	1 309
Weeds, grass, or brush in crops and pasture ..... farms	1 534	1 335	14	198	304	334	322	163
acres on which used	74 766	69 717	435	9 284	17 200	19 063	16 726	7 009
Chemicals for defoliation or for growth control of crops or thinning of fruit ..... farms	67	53	-	6	19	14	9	5
acres on which used	3 912	3 623	-	246	1 202	887	823	465

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	571	7	36	162	162	125	79
acres	18 460	222	696	3 600	4 686	5 824	3 432
Land in house lots, ponds, roads, wasteland, etc. ... farms	1 324	10	116	367	349	306	176
acres	20 547	177	1 315	3 811	5 694	5 151	4 399
Cropland under federal acreage reduction programs:							
Annual commodity acreage adjustment programs ... farms	6	-	-	2	1	2	1
acres	72	-	-	(D)	(D)	(D)	(D)
Conservation reserve program ... farms	4	-	-	1	1	1	1
acres	269	-	-	(D)	(D)	(D)	(D)
Value of land and buildings[1] ... farms	2 130	29	169	617	555	450	310
$1,000	407 517	4 875	42 787	99 442	103 883	94 256	62 274
Average per farm ... dollars	191 323	168 103	253 178	161 170	187 177	209 458	200 884
Average per acre ... dollars	1 365	1 242	2 120	1 567	1 375	1 259	1 029
Farms by value group:							
$1 to $39,999	317	15	35	104	56	76	31
$40,000 to $69,999	210	-	16	62	50	47	35
$70,000 to $99,999	301	-	34	100	88	59	20
$100,000 to $149,999	382	-	50	120	105	48	59
$150,000 to $199,999	238	-	2	57	90	45	44
$200,000 to $499,999	509	13	4	149	122	118	103
$500,000 to $999,999	153	1	16	23	43	55	15
$1,000,000 to $1,999,999	7	-	2	1	-	2	2
$2,000,000 to $4,999,999	13	-	10	1	1	-	1
$5,000,000 or more	-	-	-	-	-	-	-
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ... farms	2 122	29	169	617	547	450	310
$1,000	41 002	339	4 269	11 631	11 671	7 715	5 377
Farms by value group:							
$1 to $4,999	264	7	7	114	31	90	15
$5,000 to $9,999	776	8	59	154	235	162	158
$10,000 to $19,999	419	13	46	148	99	68	45
$20,000 to $49,999	450	-	21	155	116	86	72
$50,000 to $99,999	171	-	30	34	55	37	15
$100,000 to $199,999	35	1	5	12	8	6	3
$200,000 to $499,999	6	-	1	-	2	1	2
$500,000 or more	1	-	-	-	1	-	-
SELECTED MACHINERY AND EQUIPMENT[1]							
Motortrucks, including pickups ... farms	1 510	15	150	450	401	302	192
number	2 010	15	208	581	489	469	248
Wheel tractors ... farms	1 862	29	159	542	476	361	295
number	3 611	46	294	969	1 051	723	528
Less than 40 horsepower (PTO) ... farms	1 460	28	102	408	407	279	236
number	2 196	(D)	(D)	578	638	456	324
40 horsepower (PTO) or more ... farms	896	1	101	279	241	152	122
number	1 415	(D)	(D)	391	413	267	204
Grain and bean combines ... farms	23	-	1	11	7	1	3
number	23	-	(D)	(D)	7	(D)	3
Cottonpickers and strippers ... farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Mower conditioners ... farms	683	1	77	202	164	130	109
number	773	(D)	(D)	209	199	152	119
Pickup balers ... farms	873	7	102	231	197	208	128
number	933	7	113	246	216	216	135
AGRICULTURAL CHEMICALS[1]							
Commercial fertilizer ... farms	803	1	76	225	177	174	150
acres on which used	23 748	(D)	(D)	6 688	7 170	3 929	4 160
Lime ... farms	343	1	35	85	61	107	54
acres on which used	6 226	(D)	(D)	1 633	1 097	2 039	900
tons	11 160	(D)	(D)	3 269	1 517	3 721	1 686
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ... farms	91	-	1	13	33	26	18
acres on which used	967	-	(D)	(D)	128	169	537
Nematodes in crops ... farms	4	-	-	-	1	1	2
acres on which used	413	-	-	-	(D)	(D)	(D)
Diseases in crops and orchards ... farms	78	-	2	24	9	28	15
acres on which used	770	-	(D)	(D)	16	180	402
Weeds, grass, or brush in crops and pasture ... farms	199	-	11	79	44	49	16
acres on which used	5 049	-	117	1 917	1 506	935	574
Chemicals for defoliation or for growth control of crops or thinning of fruit ... farms	14	-	-	8	-	4	2
acres on which used	289	-	-	25	-	(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
TENURE AND RACE OF OPERATOR								
All operators	5 877	3 762	45	518	878	779	796	746
Full owners	3 383	1 797	12	171	318	324	443	529
Part owners	2 089	1 652	12	223	460	423	328	206
Tenants	405	313	21	124	100	32	25	11
White	5 856	3 752	44	518	875	775	794	746
Full owners	3 374	1 794	12	171	317	322	443	529
Part owners	2 079	1 645	11	223	458	421	326	206
Tenants	403	313	21	124	100	32	25	11
Black and other races	21	10	1	-	3	4	2	-
Full owners	9	3	-	-	1	2	-	-
Part owners	10	7	1	-	2	2	2	-
Tenants	2	-	-	-	-	-	-	-
OWNED AND RENTED LAND								
Land owned — farms	5 477	3 452	24	394	780	747	771	736
acres	1 131 306	870 587	5 639	82 209	167 983	204 748	217 251	192 757
Owned land in farms — farms	5 472	3 449	24	394	778	747	771	735
acres	1 103 362	852 716	5 242	80 628	166 031	202 211	212 933	185 671
Land rented or leased from others — farms	2 511	1 977	33	347	561	459	355	222
acres	308 393	271 427	4 737	55 831	79 767	66 374	42 114	22 604
Rented or leased land in farms — farms	2 494	1 965	33	347	560	455	353	217
acres	304 506	269 191	4 658	55 492	79 246	65 817	41 719	22 259
Land rented or leased to others — farms	445	234	3	23	39	34	56	79
acres	31 831	20 107	476	1 920	2 473	3 094	4 713	7 431
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	5 121	3 347	34	450	779	715	713	656
Not on farm operated	485	229	10	57	57	33	43	29
Not reported	271	186	1	11	42	31	40	61
Operators by principal occupation:								
Farming	3 762	3 762	45	518	878	779	796	746
Other	2 115	-	-	-	-	-	-	-
Operators by days of work off farm:								
None	2 854	2 586	25	364	582	543	547	525
Any	2 695	848	15	139	244	183	171	96
1 to 99 days	595	484	6	77	137	105	94	65
100 to 199 days	502	201	2	30	62	43	46	18
200 days or more	1 598	163	7	32	45	35	31	13
Not reported	328	328	5	15	52	53	78	125
Operators by years on present farm:								
2 years or less	329	220	16	89	75	19	19	2
3 or 4 years	437	255	13	109	78	33	18	4
5 to 9 years	1 031	597	12	177	241	93	53	21
10 years or more	3 345	2 202	-	90	387	530	599	596
Average years on present farm	18.1	19.8	3.5	6.0	10.5	18.4	26.8	36.4
Not reported	735	488	4	53	97	104	107	123
Operators by age group:								
Under 25 years	56	45	45	-	-	-	-	-
25 to 34 years	705	518	-	518	-	-	-	-
35 to 44 years	1 480	878	-	-	878	-	-	-
45 to 49 years	701	377	-	-	-	377	-	-
50 to 54 years	650	402	-	-	-	402	-	-
55 to 59 years	660	410	-	-	-	-	410	-
60 to 64 years	595	386	-	-	-	-	386	-
65 to 69 years	445	311	-	-	-	-	-	311
70 years and over	585	435	-	-	-	-	-	435
Average age	50.4	50.8	22.2	30.4	39.5	49.5	59.4	72.0
Operators by sex:								
Male	5 302	3 434	45	479	804	714	738	654
Female	575	328	-	39	74	65	58	92
Operators of Spanish origin (see text)	24	16	1	-	6	7	2	-
FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) — farms	5 096	3 166	27	434	749	651	667	638
acres	1 126 649	876 028	5 338	104 445	200 220	209 557	195 869	160 599
Partnership — farms	510	400	11	49	86	87	91	76
acres	170 255	151 942	2 302	15 402	29 575	34 515	41 121	29 027
Corporation:								
Family held — farms	209	158	7	27	37	30	31	26
acres	86 508	76 876	2 260	9 695	13 945	20 497	16 050	14 429
More than 10 stockholders — farms	3	3	-	1	-	-	1	1
10 or less stockholders — farms	206	155	7	26	37	30	30	25
Other than family held — farms	23	15	-	2	2	7	4	-
acres	10 605	7 439	-	(D)	(D)	1 949	470	-
More than 10 stockholders — farms	1	-	-	-	-	-	-	-
10 or less stockholders — farms	22	15	-	2	2	7	4	-
Other—cooperative, estate or trust, institutional, etc. — farms	39	23	-	6	4	4	3	6
acres	13 851	9 622	-	(D)	(D)	1 510	1 142	3 875

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	2 115	11	187	602	572	459	284
Full owners	1 586	4	108	419	423	380	252
Part owners	437	6	43	159	131	69	29
Tenants	92	1	36	24	18	10	3
White	2 104	11	187	599	570	453	284
Full owners	1 580	4	108	417	423	376	252
Part owners	434	6	43	158	129	69	29
Tenants	90	1	36	24	18	8	3
Black and other races	11	-	-	3	2	6	-
Full owners	6	-	-	2	-	4	-
Part owners	3	-	-	1	2	-	-
Tenants	2	-	-	-	-	2	-
OWNED AND RENTED LAND							
Land owned — farms	2 025	10	151	578	555	450	281
acres	260 719	1 152	14 812	47 735	70 150	71 744	55 126
Owned land in farms — farms	2 023	10	151	578	554	449	281
acres	250 646	1 102	14 271	45 841	68 066	68 577	52 789
Land rented or leased from others — farms	534	7	79	183	151	81	33
acres	36 966	(D)	(D)	12 657	9 711	5 907	2 316
Rented or leased land in farms — farms	529	7	79	183	149	79	32
acres	35 315	146	5 279	12 435	9 342	5 875	2 238
Land rented or leased to others — farms	211	2	8	48	44	64	45
acres	11 724	(D)	(D)	2 116	2 453	3 199	2 415
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	1 774	9	141	535	493	375	221
Not on farm operated	256	2	38	49	65	61	41
Not reported	85	-	8	18	14	23	22
Operators by principal occupation:							
Farming	-	-	-	-	-	-	-
Other	2 115	11	187	602	572	459	284
Operators by days of work off farm:							
None	268	-	9	37	30	68	124
Any	1 847	11	178	565	542	391	160
1 to 99 days	111	1	11	19	27	20	33
100 to 199 days	301	-	27	72	85	78	39
200 days or more	1 435	10	140	474	430	293	88
Not reported	-	-	-	-	-	-	-
Operators by years on present farm:							
2 years or less	109	8	33	33	27	6	2
3 or 4 years	182	2	39	73	44	20	4
5 to 9 years	434	-	58	197	116	46	17
10 years or more	1 143	-	29	241	341	325	207
Average years on present farm	15.3	1.6	6.0	9.4	13.5	21.1	30.3
Not reported	247	1	28	58	44	62	54
Operators by age group:							
Under 25 years	11	11	-	-	-	-	-
25 to 34 years	187	-	187	-	-	-	-
35 to 44 years	602	-	-	602	-	-	-
45 to 49 years	324	-	-	-	324	-	-
50 to 54 years	248	-	-	-	248	-	-
55 to 59 years	250	-	-	-	-	250	-
60 to 64 years	209	-	-	-	-	209	-
65 to 69 years	134	-	-	-	-	-	134
70 years and over	150	-	-	-	-	-	150
Average age	49.8	23.5	30.7	39.7	49.0	59.1	71.2
Operators by sex:							
Male	1 868	10	153	540	515	404	246
Female	247	1	34	62	57	55	38
Operators of Spanish origin (see text)	8	-	-	1	4	1	2
FARMS BY TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) — farms	1 930	8	172	544	531	421	254
acres	250 621	200	15 669	49 041	70 620	66 487	48 604
Partnership — farms	110	1	9	35	27	21	17
acres	18 313	(D)	(D)	4 895	4 159	3 464	4 255
Corporation:							
Family held — farms	51	-	2	14	12	13	10
acres	9 632	-	(D)	(D)	(D)	(D)	2 100
More than 10 stockholders — farms	-	-	-	-	-	-	-
10 or less stockholders — farms	51	-	2	14	12	13	10
Other than family held — farms	8	-	1	3	-	3	1
acres	3 166	-	(D)	(D)	-	2 200	(D)
More than 10 stockholders — farms	1	-	-	-	-	-	1
10 or less stockholders — farms	7	-	1	3	-	3	-
Other—cooperative, estate or trust, institutional, etc. — farms	16	2	3	6	2	1	2
acres	4 229	(D)	2 712	722	(D)	(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
FARMS BY SIZE								
1 to 9 acres	281	123	7	19	32	19	21	25
10 to 49 acres	834	285	3	41	74	46	46	75
50 to 69 acres	287	101	-	17	24	14	17	29
70 to 99 acres	400	173	2	18	46	23	42	42
100 to 139 acres	581	302	4	41	73	40	57	87
140 to 179 acres	532	336	4	58	83	53	48	90
180 to 219 acres	493	360	5	71	89	61	76	58
220 to 259 acres	451	350	5	58	84	82	65	56
260 to 499 acres	1 376	1 162	12	139	254	305	283	169
500 to 999 acres	559	493	2	53	105	112	123	98
1,000 to 1,999 acres	71	67	1	2	12	19	18	15
2,000 acres or more	12	10	-	1	2	5	-	2
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	9	3	-	1	2	-	-	-
Field crops, except cash grains (013)	818	340	5	27	49	53	67	139
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	818	340	5	27	49	53	67	139
Vegetables and melons (016)	104	67	-	15	19	11	9	13
Fruits and tree nuts (017)	136	64	2	5	14	14	13	16
Horticultural specialties (018)	137	67	-	13	20	11	13	10
General farms, primarily crop (019)	214	67	-	5	12	9	17	24
Livestock, except dairy, poultry, and animal specialties (021)	1 436	526	6	48	87	71	123	191
Beef cattle, except feedlots (0212)	870	329	5	23	49	40	78	134
Dairy farms (024)	2 586	2 452	31	381	621	580	532	307
Poultry and eggs (025)	62	22	-	5	3	8	-	6
Animal specialties (027)	307	117	1	12	44	20	16	24
General farms, primarily livestock and animal specialties (029)	68	37	-	6	7	2	6	16
LIVESTOCK								
Cattle and calves inventory — farms	4 128	3 025	40	432	714	659	664	516
— number	320 189	293 965	2 968	39 695	74 324	77 227	64 073	35 678
Farms with—								
1 to 9	675	184	3	14	39	14	36	78
10 to 49	1 112	624	9	76	95	101	149	194
50 to 99	1 168	1 093	19	198	294	223	234	125
100 to 199	903	868	8	119	220	256	178	87
200 to 499	244	232	1	24	60	56	64	27
500 or more	26	24	-	1	6	9	3	5
Cows and heifers that had calved — farms	3 715	2 826	40	409	680	627	622	448
— number	188 772	175 729	1 934	24 122	43 609	47 093	38 589	20 382
Beef cows — farms	1 180	496	15	55	82	82	120	142
— number	9 805	5 328	322	382	656	1 263	1 340	1 365
Farms with—								
1 to 9	859	339	8	41	68	54	74	94
10 to 49	305	141	6	13	11	24	42	45
50 to 99	11	11	-	1	3	3	3	1
100 to 199	3	3	-	-	-	-	1	2
200 to 499	2	2	1	-	-	1	-	-
500 or more	-	-	-	-	-	-	-	-
Milk cows — farms	2 846	2 548	34	391	647	588	543	345
— number	178 967	170 401	1 612	23 740	42 953	45 830	37 249	19 017
Farms with—								
1 to 4	226	91	2	7	21	9	11	41
5 to 9	41	19	2	2	1	1	6	7
10 to 49	978	902	12	166	234	160	188	142
50 to 99	1 173	1 128	17	176	280	304	242	109
100 to 199	353	337	1	34	98	91	74	39
200 to 499	72	68	-	6	12	22	22	6
500 or more	3	3	-	-	1	1	-	1
Heifers and heifer calves — farms	3 388	2 696	35	393	637	584	606	441
— number	113 021	103 506	884	12 709	26 292	27 569	23 063	12 989
Steers, steer calves, bulls, and bull calves — farms	2 151	1 532	19	219	350	305	360	279
— number	18 396	14 730	150	2 864	4 423	2 565	2 421	2 307
Cattle and calves sold — farms	3 919	3 009	38	429	707	658	668	509
— number	170 741	153 834	1 429	21 177	41 325	37 815	33 181	18 907
— $1,000	42 148	36 257	326	4 931	10 287	8 524	7 770	4 418
Calves — farms	3 092	2 607	26	390	633	598	569	391
— number	108 869	100 228	869	14 228	28 437	24 464	20 389	11 841
— $1,000	11 698	9 940	58	1 570	3 998	1 911	1 357	1 047
Cattle — farms	3 544	2 747	35	388	640	601	624	459
— number	61 872	53 606	560	6 949	12 888	13 351	12 792	7 066
— $1,000	30 450	26 316	268	3 362	6 289	6 613	6 413	3 372
Fattened on grain and concentrates — farms	372	207	4	29	24	29	57	64
— number	4 608	3 889	76	797	505	1 062	781	668
— $1,000	2 332	1 969	42	348	263	571	361	383

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	158	1	22	52	34	34	15
10 to 49 acres	549	5	63	212	149	79	41
50 to 69 acres	186	2	9	64	51	34	26
70 to 99 acres	227	-	29	68	57	51	22
100 to 139 acres	279	-	16	84	77	63	39
140 to 179 acres	196	-	20	31	50	60	35
180 to 219 acres	133	-	8	21	45	30	29
220 to 259 acres	101	2	7	14	29	29	20
260 to 499 acres	214	-	12	48	57	58	39
500 to 999 acres	66	1	-	8	23	19	15
1,000 to 1,999 acres	4	-	-	-	-	2	2
2,000 acres or more	2	-	1	-	-	-	1
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)	6	-	-	1	2	-	3
Field crops, except cash grains (013)	478	-	32	112	124	111	99
Cotton (0131)	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	478	-	32	112	124	111	99
Vegetables and melons (016)	37	-	7	12	7	6	5
Fruits and tree nuts (017)	72	1	6	27	10	19	9
Horticultural specialties (018)	70	-	9	26	12	16	7
General farms, primarily crop (019)	147	-	12	33	42	33	27
Livestock, except dairy, poultry, and animal specialties (021)	910	9	84	274	252	198	93
Beef cattle, except feedlots (0212)	541	7	45	134	138	147	70
Dairy farms (024)	134	1	18	35	42	20	18
Poultry and eggs (025)	40	-	1	17	13	9	-
Animal specialties (027)	190	-	16	59	57	38	20
General farms, primarily livestock and animal specialties (029)	31	-	2	6	11	9	3
LIVESTOCK							
Cattle and calves inventory — farms	1 103	10	101	302	329	242	119
— number	26 224	403	2 011	6 197	8 361	5 976	3 276
Farms with—							
1 to 9	491	3	41	153	143	113	38
10 to 49	488	6	51	123	143	101	64
50 to 99	75	-	7	14	23	21	10
100 to 199	35	-	2	10	16	3	4
200 to 499	12	1	-	2	3	3	3
500 or more	2	-	-	-	1	1	-
Cows and heifers that had calved — farms	889	7	76	240	272	200	94
— number	13 043	299	884	3 156	4 481	2 670	1 553
Beef cows — farms	684	4	48	183	215	168	66
— number	4 477	26	263	1 009	1 401	1 239	539
Farms with—							
1 to 9	520	3	40	154	160	125	38
10 to 49	164	1	8	29	55	43	28
50 to 99	-	-	-	-	-	-	-
100 to 199	-	-	-	-	-	-	-
200 to 499	-	-	-	-	-	-	-
500 or more	-	-	-	-	-	-	-
Milk cows — farms	298	3	39	79	87	48	42
— number	8 566	273	621	2 147	3 080	1 431	1 014
Farms with—							
1 to 4	135	-	19	38	37	22	19
5 to 9	22	-	3	5	5	7	2
10 to 49	76	2	15	18	19	9	13
50 to 99	45	-	2	14	18	6	5
100 to 199	16	1	-	3	6	3	3
200 to 499	4	-	-	1	2	1	-
500 or more	-	-	-	-	-	-	-
Heifers and heifer calves — farms	692	8	67	189	200	154	74
— number	9 515	82	816	2 345	2 460	2 321	1 491
Steers, steer calves, bulls, and bull calves — farms	619	6	50	164	192	143	64
— number	3 666	22	311	696	1 420	985	232
Cattle and calves sold — farms	910	10	80	248	269	202	101
— number	16 907	221	1 344	4 449	5 254	3 973	1 666
— $1,000	5 891	125	495	1 582	1 677	1 438	575
Calves — farms	485	7	44	117	139	113	65
— number	8 641	82	509	2 433	3 220	1 642	755
— $1,000	1 757	5	81	612	644	345	71
Cattle — farms	797	10	74	212	240	180	81
— number	8 266	139	835	2 016	2 034	2 331	911
— $1,000	4 134	120	414	970	1 034	1 092	504
Fattened on grain and concentrates — farms	165	-	16	51	58	30	10
— number	719	-	66	198	307	107	41
— $1,000	364	-	33	110	149	51	20

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	370	207	5	37	61	49	26	29
number	5 133	3 651	64	408	1 105	1 601	284	189
Farms with—								
1 to 24	345	187	4	34	55	43	25	26
25 to 49	10	7	1	1	2	-	-	3
50 to 99	3	3	-	2	1	-	-	-
100 to 199	4	4	-	-	2	1	1	-
200 to 499	8	6	-	-	1	5	-	-
500 or more	-	-	-	-	-	-	-	-
Used or to be used for breeding ..... farms	154	95	5	15	25	26	10	14
number	1 049	766	(D)	(D)	210	288	65	66
Other ..... farms	320	174	2	34	51	46	19	22
number	4 084	2 885	(D)	(D)	895	1 313	219	123
Hogs and pigs sold ..... farms	239	123	1	28	34	28	13	19
number	7 595	5 395	(D)	(D)	1 349	2 323	473	549
$1,000	660	480	(D)	(D)	120	200	49	67
Feeder pigs ..... farms	68	36	1	9	11	9	3	3
number	3 598	2 348	(D)	(D)	498	1 171	63	93
$1,000	146	101	(D)	(D)	16	57	2	6
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ..... farms	161	101	5	16	28	27	11	14
number	1 327	925	14	119	297	364	71	60
Dec. 1 and May 31 ..... farms	148	90	5	15	25	25	9	11
number	701	477	7	59	168	180	33	30
June 1 and Nov. 30 ..... farms	113	74	3	15	18	19	9	10
number	626	448	7	60	129	184	38	30
Sheep and lambs of all ages inventory ..... farms	605	250	3	35	63	48	50	51
number	20 456	11 195	345	2 285	3 599	1 963	1 708	1 295
Ewes 1 year old or older ..... farms	542	227	3	31	57	45	44	47
number	12 824	6 911	333	885	2 434	1 089	1 295	875
Sheep and lambs sold ..... farms	515	207	2	28	52	35	43	47
number	19 348	10 152	(D)	(D)	2 882	1 217	1 783	1 007
Sheep and lambs shorn ..... farms	523	212	3	26	55	40	42	46
number	18 312	10 816	331	3 216	2 938	1 392	1 781	1 158
pounds of wool	131 750	77 037	2 400	21 964	19 742	12 723	12 073	8 135
Horses and ponies inventory ..... farms	1 427	708	6	82	190	167	123	140
number	7 588	4 369	47	514	1 193	1 103	656	856
Horses and ponies sold ..... farms	265	136	3	15	39	34	23	22
number	887	552	9	79	127	211	71	55
Goats inventory ..... farms	147	62	1	8	26	16	9	2
number	971	419	(D)	63	176	102	71	(D)
Goats sold ..... farms	41	16	-	2	4	5	3	2
number	427	186	-	(D)	60	67	38	(D)
POULTRY								
Chickens 3 months old or older inventory ..... farms	649	330	6	34	100	73	49	68
number	405 869	397 902	988	96 294	5 351	238 339	4 417	52 513
Farms with—								
1 to 399	632	314	5	30	99	66	48	66
400 to 3,199	8	7	1	-	1	3	1	1
3,200 to 9,999	1	1	-	1	-	-	-	-
10,000 to 19,999	1	1	-	-	-	1	-	-
20,000 to 49,999	5	5	-	3	-	1	-	1
50,000 to 99,999	1	1	-	-	-	1	-	-
100,000 or more	1	1	-	-	-	1	-	-
Hens and pullets of laying age ..... farms	645	326	6	34	96	73	49	68
number	358 595	351 006	988	69 267	5 211	218 698	(D)	(D)
Pullets 3 months old or older not of laying age ..... farms	76	39	-	7	10	12	8	2
number	47 274	46 896	-	27 027	140	19 641	(D)	(D)
Hens and pullets sold ..... farms	137	73	2	10	19	18	12	12
number	357 585	356 480	(D)	(D)	2 405	232 731	883	46 347
Broilers and other meat-type chickens sold ..... farms	53	14	-	4	5	2	3	-
number	5 231	1 673	-	1 105	(D)	(D)	178	-
Farms with—								
1 to 1,999	53	14	-	4	5	2	3	-
2,000 to 59,999	-	-	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	-	-	-
Turkey hens kept for breeding ..... farms	10	3	-	-	2	-	1	-
number	136	3	-	-	(D)	-	(D)	-
Turkeys sold ..... farms	99	44	2	6	16	7	10	3
number	17 982	7 348	(D)	(D)	3 253	511	783	1 214

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	163	3	24	56	48	25	7
number	1 482	24	74	339	605	372	68
Farms with—							
1 to 24	158	3	24	54	47	24	6
25 to 49	3	-	-	2	-	-	1
50 to 99	-	-	-	-	-	-	-
100 to 199	-	-	-	-	-	-	-
200 to 499	2	-	-	-	1	1	-
500 or more	-	-	-	-	-	-	-
Used or to be used for breeding ..... farms	59	3	7	25	13	7	4
number	283	(D)	(D)	99	66	76	17
Other ..... farms	146	2	20	47	45	25	7
number	1 199	(D)	(D)	240	539	296	51
Hogs and pigs sold ..... farms	116	3	14	48	32	15	4
number	2 200	43	63	722	474	830	68
$1,000	179	5	9	53	57	47	8
Feeder pigs ..... farms	32	1	4	17	4	4	2
number	1 250	(D)	18	535	28	630	(D)
$1,000	45	(D)	1	18	1	24	(D)
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 ..... farms	60	3	7	25	13	8	4
number	402	6	14	112	136	122	12
Dec. 1 and May 31 ..... farms	58	3	7	25	12	8	3
number	224	3	11	64	69	71	6
June 1 and Nov. 30 ..... farms	39	3	3	14	11	5	3
number	178	3	3	48	67	51	6
Sheep and lambs of all ages inventory ..... farms	355	2	31	136	108	51	27
number	9 261	(D)	(D)	3 744	3 216	1 078	599
Ewes 1 year old or older ..... farms	315	2	28	118	96	46	25
number	5 913	(D)	400	2 559	1 845	670	(D)
Sheep and lambs sold ..... farms	308	2	26	126	92	40	22
number	9 196	(D)	(D)	3 480	4 393	630	350
Sheep and lambs shorn ..... farms	311	2	23	121	96	44	25
number	7 496	(D)	(D)	3 475	2 163	865	524
pounds of wool	54 713	(D)	(D)	24 684	17 067	6 378	3 169
Horses and ponies inventory ..... farms	719	6	70	219	194	155	75
number	3 219	12	294	952	761	891	309
Horses and ponies sold ..... farms	129	-	12	42	45	22	8
number	335	-	18	118	91	61	47
Goats inventory ..... farms	85	2	10	34	25	8	6
number	552	(D)	(D)	290	140	30	13
Goats sold ..... farms	25	-	5	10	8	2	-
number	241	-	55	98	(D)	(D)	-
POULTRY							
Chickens 3 months old or older inventory ..... farms	319	3	30	105	88	61	32
number	7 967	150	457	2 088	1 807	2 602	863
Farms with—							
1 to 399	318	3	30	105	88	60	32
400 to 3,199	1	-	-	-	-	1	-
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	319	3	30	105	88	61	32
number	7 589	150	426	1 936	1 720	2 544	813
Pullets 3 months old or older not of laying age ..... farms	37	-	4	11	11	6	5
number	378	-	31	152	87	58	50
Hens and pullets sold ..... farms	64	-	4	25	17	12	6
number	1 105	-	44	317	371	283	90
Broilers and other meat-type chickens sold ..... farms	39	-	6	19	9	4	1
number	3 558	-	158	2 798	447	(D)	(D)
Farms with—							
1 to 1,999	39	-	6	19	9	4	1
2,000 to 59,999	-	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	-	-
Turkey hens kept for breeding ..... farms	7	-	-	4	2	1	-
number	133	-	-	31	(D)	(D)	-
Turkeys sold ..... farms	55	-	5	20	21	9	-
number	10 634	-	109	3 527	5 150	1 848	-

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								
Corn for silage or green chop ---- farms	1 481	1 379	11	202	342	344	314	166
acres	70 258	67 368	448	8 266	17 008	20 792	13 720	7 134
tons, green	1 154 813	1 115 861	7 527	137 629	289 312	330 605	231 450	119 338
Irrigated ---- farms	9	9	-	4	3	-	2	-
acres	290	290	-	165	(D)	-	(D)	-
Farms by acres harvested:								
1 to 24 acres	511	451	4	77	112	91	106	61
25 to 99 acres	814	776	6	110	196	197	177	90
100 to 249 acres	141	137	1	15	29	50	29	13
250 to 499 acres	11	11	-	-	3	4	2	2
500 acres or more	4	4	-	-	2	2	-	-
Irish potatoes ---- farms	57	46	3	5	6	8	12	12
acres	162	153	6	7	46	76	5	13
cwt	36 988	34 792	195	649	12 650	18 048	694	2 556
Irrigated ---- farms	1	-	-	-	-	-	-	-
acres	(D)	-	-	-	-	-	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) -- farms	4 640	3 169	34	438	725	662	698	612
acres	432 881	375 249	3 947	51 490	92 565	94 477	80 075	52 695
tons, dry	869 548	773 909	6 937	107 335	187 364	198 735	168 851	104 687
Irrigated ---- farms	13	10	-	3	5	-	2	-
acres	371	302	-	92	(D)	-	(D)	-
Farms by acres harvested:								
1 to 24 acres	1 003	310	5	31	54	45	65	110
25 to 99 acres	2 028	1 371	14	176	281	234	327	339
100 to 249 acres	1 281	1 177	10	199	312	292	239	125
250 to 499 acres	286	271	5	29	68	78	60	31
500 acres or more	42	40	-	3	10	13	7	7
Tame hay other than alfalfa, small grain, and wild hay (see text) ---- farms	3 115	2 207	27	309	501	452	501	417
acres	184 780	153 393	1 995	21 210	36 073	36 051	34 763	23 301
tons, dry	365 497	313 889	3 770	43 787	75 231	75 502	71 380	44 219
Irrigated ---- farms	8	7	-	2	3	-	2	-
acres	158	(D)	-	(D)	35	-	(D)	-
Vegetables harvested for sale (see text) --- farms	230	152	1	33	37	33	23	25
acres	2 038	1 797	(D)	(D)	307	763	209	149
Irrigated ---- farms	43	37	-	11	7	9	5	5
acres	365	346	-	61	35	146	65	40
Farms by acres harvested:								
0.1 to 4.9 acres	134	76	1	19	20	11	10	15
5.0 to 24.9 acres	80	60	-	11	16	14	10	9
25.0 to 99.9 acres	15	15	-	3	1	7	3	1
100.0 to 249.9 acres	-	-	-	-	-	-	-	-
250.0 acres or more	1	1	-	-	-	1	-	-
Land in orchards ---- farms	221	114	3	14	29	21	22	25
acres	4 797	3 980	215	246	617	1 172	463	1 267
Irrigated ---- farms	15	12	-	2	2	1	3	4
acres	304	300	-	(D)	(D)	(D)	8	257
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres	125	52	-	9	13	8	11	11
5.0 to 24.9 acres	54	26	1	2	8	4	6	5
25.0 to 99.9 acres	30	25	1	3	6	5	4	6
100.0 to 249.9 acres	8	7	1	-	2	2	1	1
250.0 acres or more	4	4	-	-	-	2	-	2

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							
Corn for silage or green chop ---- farms	102	-	5	28	28	23	18
acres	2 890	-	50	974	832	462	572
tons, green	38 952	-	406	10 930	14 056	5 690	7 870
Irrigated ---- farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
Farms by acres harvested:							
1 to 24 acres	60	-	4	13	16	17	10
25 to 99 acres	38	-	1	12	11	6	8
100 to 249 acres	4	-	-	3	1	-	-
250 to 499 acres	-	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-	-
Irish potatoes ---- farms	11	-	2	4	2	1	2
acres	9	-	(D)	7	(D)	(D)	(D)
cwt	2 196	-	(D)	1 990	(D)	(D)	(D)
Irrigated ---- farms	1	-	1	-	-	-	-
acres	(D)	-	(D)	-	-	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) -- farms	1 471	3	125	391	412	325	215
acres	57 632	205	4 830	14 561	16 283	12 535	9 218
tons, dry	95 639	461	8 038	25 225	26 881	19 576	15 458
Irrigated ---- farms	3	-	1	1	-	1	-
acres	69	-	(D)	(D)	-	(D)	-
Farms by acres harvested:							
1 to 24 acres	693	2	65	210	189	141	86
25 to 99 acres	657	-	50	149	186	159	113
100 to 249 acres	104	1	9	26	34	22	12
250 to 499 acres	15	-	1	4	3	3	4
500 acres or more	2	-	-	2	-	-	-
Tame hay other than alfalfa, small grain, and wild hay (see text) ---- farms	908	2	87	236	251	201	131
acres	31 387	(D)	(D)	7 258	8 861	7 160	4 810
tons, dry	51 608	(D)	(D)	12 469	14 824	11 520	7 606
Irrigated ---- farms	1	-	1	-	-	-	-
acres	(D)	-	(D)	-	-	-	-
Vegetables harvested for sale (see text) --- farms	78	-	9	33	16	10	10
acres	240	-	22	120	44	25	29
Irrigated ---- farms	6	-	1	4	1	-	-
acres	19	-	(D)	(D)	(D)	-	-
Farms by acres harvested:							
0.1 to 4.9 acres	58	-	7	23	14	8	6
5.0 to 24.9 acres	20	-	2	10	2	2	4
25.0 to 99.9 acres	-	-	-	-	-	-	-
100.0 to 249.9 acres	-	-	-	-	-	-	-
250.0 acres or more	-	-	-	-	-	-	-
Land in orchards ---- farms	107	1	12	31	21	29	13
acres	817	(D)	(D)	193	56	256	283
Irrigated ---- farms	3	-	2	-	1	-	-
acres	4	-	(D)	-	(D)	-	-
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres	73	1	11	19	17	19	6
5.0 to 24.9 acres	28	-	1	11	4	6	6
25.0 to 99.9 acres	5	-	-	1	-	4	-
100.0 to 249.9 acres	1	-	-	-	-	-	1
250.0 acres or more	-	-	-	-	-	-	-

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

Table 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	5 877	281	834	287	400	581
..... percent	100.0	4.8	14.2	4.9	6.8	9.9
Land in farms ..... acres	1 407 868	1 019	22 002	16 829	33 217	67 884
Average size of farm ..... acres	240	4	26	59	83	117
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD						
Total sales (see text) ..... farms	5 877	281	834	287	400	581
..... $1,000	375 537	7 137	13 380	3 473	5 637	14 171
Average per farm ..... dollars	63 899	25 400	16 043	12 101	14 094	24 390
Farms by value of sales:						
Less than $1,000 (see text)	820	44	281	80	96	81
$1,000 to $2,499	703	69	203	70	70	99
$2,500 to $4,999	589	42	89	48	76	104
$5,000 to $9,999	480	29	79	33	54	64
$10,000 to $19,999	347	24	43	12	30	49
$20,000 to $24,999	106	9	13	5	3	19
$25,000 to $39,999	263	17	41	10	29	26
$40,000 to $49,999	183	8	13	3	10	30
$50,000 to $99,999	992	19	38	20	25	79
$100,000 to $249,999	1 158	15	25	6	6	29
$250,000 to $499,999	194	4	7	-	1	1
$500,000 to $999,999	39	1	2	-	-	-
$1,000,000 or more	3	-	-	-	-	-
Grains ..... farms	85	1	1	3	-	6
..... $1,000	574	(D)	(D)	(D)	-	12
Sales of $50,000 or more ..... farms	1	-	-	-	-	-
..... $1,000	(D)	-	-	-	-	-
Corn for grain ..... farms	55	1	-	2	-	3
..... $1,000	461	(D)	-	(D)	-	6
Wheat ..... farms	15	-	1	1	-	-
..... $1,000	31	-	(D)	(D)	-	-
Soybeans ..... farms	1	-	-	-	-	-
..... $1,000	(D)	-	-	-	-	-
Sorghum for grain ..... farms	1	-	-	-	-	-
..... $1,000	(D)	-	-	-	-	-
Barley ..... farms	11	-	-	-	-	2
..... $1,000	34	-	-	-	-	(D)
Oats ..... farms	3	-	-	-	-	-
..... $1,000	(D)	-	-	-	-	-
Other grains ..... farms	7	-	1	-	-	1
..... $1,000	20	-	(D)	-	-	(D)
Cotton and cottonseed ..... farms	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-
Tobacco ..... farms	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-
Hay, silage, and field seeds ..... farms	1 588	4	140	84	130	210
..... $1,000	8 219	3	197	234	392	656
Sales of $50,000 or more ..... farms	12	-	-	-	-	-
..... $1,000	869	-	-	-	-	-
Vegetables, sweet corn, and melons ..... farms	230	23	75	9	14	23
..... $1,000	2 501	76	750	98	115	313
Sales of $50,000 or more ..... farms	13	-	3	1	1	2
..... $1,000	1 050	-	150	(D)	(D)	(D)
Fruits, nuts, and berries ..... farms	198	15	56	13	18	23
..... $1,000	8 513	25	501	400	236	655
Sales of $50,000 or more ..... farms	33	-	3	3	1	3
..... $1,000	7 512	-	223	371	(D)	448
Nursery and greenhouse crops ..... farms	197	64	65	8	10	17
..... $1,000	4 983	1 960	1 676	257	256	429
Sales of $50,000 or more ..... farms	29	13	8	2	1	3
..... $1,000	3 323	1 372	1 055	(D)	(D)	288
Other crops ..... farms	52	7	11	2	3	6
..... $1,000	397	(D)	(D)	(D)	6	7
Sales of $50,000 or more ..... farms	2	-	-	1	-	-
..... $1,000	(D)	-	-	(D)	-	-
Poultry and poultry products ..... farms	371	25	74	26	38	42
..... $1,000	5 224	133	1 672	32	55	215
Sales of $50,000 or more ..... farms	11	1	6	-	-	1
..... $1,000	4 744	(D)	1 617	-	-	(D)
Dairy products ..... farms	2 691	42	70	38	75	164
..... $1,000	298 527	2 559	3 159	1 663	3 170	9 256
Sales of $50,000 or more ..... farms	2 104	17	25	17	26	81
..... $1,000	281 511	2 002	1 999	1 137	1 847	6 803
Cattle and calves ..... farms	3 919	97	291	122	201	348
..... $1,000	42 148	1 979	4 191	562	1 087	2 119
Sales of $50,000 or more ..... farms	114	7	15	-	2	5
..... $1,000	13 373	1 518	3 375	-	(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	532	493	451	1 376	559	71	12
..... percent	9.1	8.4	7.7	23.4	9.5	1.2	.2
Land in farms ..... acres	83 859	98 094	108 199	489 173	360 847	89 865	36 880
Average size of farm ..... acres	158	199	240	356	646	1 266	3 073
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... farms	532	493	451	1 376	559	71	12
..... $1,000	20 749	25 827	29 700	136 161	90 671	22 709	5 920
Average per farm ..... dollars	39 002	52 387	65 854	98 954	162 202	319 852	493 342
Farms by value of sales:							
Less than $1,000 (see text)	74	47	36	58	20	2	1
$1,000 to $2,499	55	47	27	49	12	1	1
$2,500 to $4,999	73	36	40	69	10	1	1
$5,000 to $9,999	62	52	37	56	12	2	-
$10,000 to $19,999	43	32	23	72	17	1	1
$20,000 to $24,999	10	10	7	24	6	-	-
$25,000 to $39,999	18	26	22	51	22	1	-
$40,000 to $49,999	19	18	19	47	16	-	-
$50,000 to $99,999	109	131	125	345	96	3	2
$100,000 to $249,999	67	91	110	542	244	22	1
$250,000 to $499,999	1	3	3	60	87	24	3
$500,000 to $999,999	1	-	2	2	16	14	1
$1,000,000 or more	-	-	-	1	1	-	1
Grains ..... farms	4	2	6	28	28	5	1
..... $1,000	30	(D)	40	150	216	94	(D)
Sales of $50,000 or more ..... farms	-	-	-	-	1	-	-
..... $1,000	-	-	-	-	(D)	-	-
Corn for grain ..... farms	3	2	5	21	14	4	-
..... $1,000	(D)	(D)	(D)	128	150	(D)	-
Wheat ..... farms	-	-	-	3	9	-	1
..... $1,000	-	-	-	6	18	-	(D)
Soybeans ..... farms	-	-	-	-	1	-	-
..... $1,000	-	-	-	-	(D)	-	-
Sorghum for grain ..... farms	-	-	-	1	-	-	-
..... $1,000	-	-	-	(D)	-	-	-
Barley ..... farms	-	-	1	3	5	-	-
..... $1,000	-	-	(D)	(D)	25	-	-
Oats ..... farms	-	-	-	-	2	1	-
..... $1,000	-	-	-	-	(D)	(D)	-
Other grains ..... farms	1	-	-	1	2	1	-
..... $1,000	(D)	-	-	(D)	(D)	(D)	-
Cotton and cottonseed ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
Tobacco ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-
Hay, silage, and field seeds ..... farms	192	132	142	365	170	15	4
..... $1,000	793	563	726	2 746	1 461	384	64
Sales of $50,000 or more ..... farms	-	-	1	5	3	3	-
..... $1,000	-	-	(D)	(D)	170	275	-
Vegetables, sweet corn, and melons ..... farms	28	9	7	28	14	-	-
..... $1,000	546	82	27	453	41	-	-
Sales of $50,000 or more ..... farms	4	-	-	2	-	-	-
..... $1,000	271	-	-	(D)	-	-	-
Fruits, nuts, and berries ..... farms	18	12	6	22	14	-	1
..... $1,000	537	553	270	1 563	(D)	-	(D)
Sales of $50,000 or more ..... farms	4	4	1	6	7	-	1
..... $1,000	442	531	(D)	1 388	3 591	-	(D)
Nursery and greenhouse crops ..... farms	12	3	4	12	2	-	-
..... $1,000	187	105	25	(D)	(D)	-	-
Sales of $50,000 or more ..... farms	1	1	-	-	-	-	-
..... $1,000	(D)	(D)	-	-	-	-	-
Other crops ..... farms	4	3	3	10	3	-	-
..... $1,000	8	(D)	43	(D)	117	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	1	-	-
..... $1,000	-	-	-	-	(D)	-	-
Poultry and poultry products ..... farms	39	32	21	46	26	1	1
..... $1,000	712	75	33	2 237	(D)	(D)	(D)
Sales of $50,000 or more ..... farms	1	-	-	2	-	-	-
..... $1,000	(D)	-	-	(D)	-	-	-
Dairy products ..... farms	214	274	282	1 012	453	61	6
..... $1,000	14 793	20 716	25 599	114 982	77 117	20 257	5 256
Sales of $50,000 or more ..... farms	147	192	224	889	420	60	6
..... $1,000	13 046	18 337	23 779	111 083	(D)	(D)	5 256
Cattle and calves ..... farms	357	384	360	1 195	493	64	7
..... $1,000	2 836	3 368	2 747	13 151	7 725	1 895	488
Sales of $50,000 or more ..... farms	7	9	3	32	20	11	3
..... $1,000	910	1 078	224	2 557	1 619	901	381

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	239	22	51	16	18	23
$1,000	660	72	178	32	25	86
Sales of $50,000 or more ..... farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Sheep, lambs, and wool ..... farms	576	31	145	43	58	68
$1,000	1 354	47	185	55	93	144
Sales of $50,000 or more ..... farms	4	-	-	-	-	-
$1,000	323	-	-	-	-	-
Other livestock and livestock products (see text) ..... farms	451	54	123	32	41	48
$1,000	2 438	277	785	51	202	278
Sales of $50,000 or more ..... farms	13	-	5	-	2	1
$1,000	954	-	299	-	(D)	(D)
FARM PRODUCTION EXPENSES[1]						
Total farm production expenses ..... farms	5 881	347	834	297	457	543
$1,000	289 945	6 876	11 135	5 004	6 168	13 287
Average per farm ..... dollars	49 302	19 817	13 352	16 850	13 497	24 469
Livestock and poultry purchased ..... farms	2 422	92	310	100	162	219
$1,000	19 702	679	1 288	361	711	1 313
Farms with expenses of—						
$1 to $4,999	1 418	55	254	60	124	118
$5,000 to $24,999	822	32	46	40	37	93
$25,000 to $99,999	173	5	9	-	-	8
$100,000 or more	9	-	1	-	1	-
Feed for livestock and poultry ..... farms	4 533	177	573	193	330	379
$1,000	89 318	1 615	2 919	1 467	1 732	4 345
Farms with expenses of—						
$1 to $4,999	1 868	109	503	122	236	190
$5,000 to $24,999	1 330	53	54	37	83	122
$25,000 to $99,999	1 253	12	8	34	11	66
$100,000 or more	82	3	8	-	-	1
Commercially mixed formula feeds ..... farms	3 488	94	273	130	176	284
$1,000	69 992	1 091	1 988	1 149	1 096	3 462
Farms with expenses of—						
$1 to $4,999	1 007	38	237	61	93	105
$5,000 to $24,999	1 527	46	24	69	81	137
$25,000 to $79,999	866	9	3	-	2	42
$80,000 or more	88	1	9	-	-	-
Seeds, bulbs, plants, and trees ..... farms	2 431	108	159	56	103	138
$1,000	2 983	228	209	73	53	103
Farms with expenses of—						
$1 to $999	1 560	72	124	43	78	120
$1,000 to $4,999	764	13	20	10	25	16
$5,000 to $24,999	103	22	14	2	-	1
$25,000 or more	4	1	1	1	-	1
Commercial fertilizer ..... farms	3 425	71	289	139	191	317
$1,000	9 015	57	156	67	131	298
Farms with expenses of—						
$1 to $4,999	2 910	70	289	139	190	314
$5,000 to $24,999	491	1	-	-	1	3
$25,000 to $49,999	21	-	-	-	-	-
$50,000 or more	3	-	-	-	-	-
Agricultural chemicals ..... farms	2 109	140	146	88	95	104
$1,000	2 816	30	66	82	56	105
Farms with expenses of—						
$1 to $4,999	2 032	140	145	85	94	100
$5,000 to $24,999	68	-	1	3	1	4
$25,000 to $49,999	5	-	-	-	-	-
$50,000 or more	4	-	-	-	-	-
Petroleum products ..... farms	5 470	305	715	266	427	509
$1,000	10 935	326	603	215	272	519
Farms with expenses of—						
$1 to $4,999	4 943	296	690	262	426	505
$5,000 to $24,999	520	8	25	4	1	4
$25,000 to $49,999	6	1	-	-	-	-
$50,000 or more	1	-	-	-	-	-
Gasoline and gasohol ..... farms	4 755	266	618	206	350	437
$1,000	4 765	156	361	136	188	313
Diesel fuel ..... farms	3 513	131	235	134	126	286
$1,000	4 392	75	73	45	25	141
Natural gas ..... farms	163	5	25	-	-	-
$1,000	184	10	19	-	-	(Z)
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms	4 208	199	401	194	264	310
$1,000	1 593	85	150	34	59	65

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	20	21	14	42	11	1	-
$1,000	84	22	18	98	(D)	(D)	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Sheep, lambs, and wool ..... farms	45	29	29	90	31	5	2
$1,000	81	144	39	474	76	(D)	(D)
Sales of $50,000 or more ..... farms	-	1	-	3	-	-	-
$1,000	-	(D)	-	(D)	-	-	-
Other livestock and livestock products (see text) ..... farms	38	21	25	47	14	6	2
$1,000	143	176	135	229	92	(D)	(D)
Sales of $50,000 or more ..... farms	1	1	1	1	1	-	-
$1,000	(D)	(D)	(D)	(D)	(D)	-	-
FARM PRODUCTION EXPENSES[1]							
Total farm production expenses ..... farms	587	452	508	1 275	498	71	12
$1,000	18 487	17 362	23 904	99 208	64 814	18 604	5 095
Average per farm ..... dollars	31 494	38 413	47 054	77 810	130 149	262 028	424 576
Livestock and poultry purchased ..... farms	223	191	233	591	254	42	5
$1,000	1 062	1 991	1 688	6 214	3 301	967	127
Farms with expenses of—							
$1 to $4,999	164	122	135	275	99	11	1
$5,000 to $24,999	56	46	81	256	112	20	3
$25,000 to $99,999	2	22	17	57	42	10	1
$100,000 or more	1	1	-	3	1	1	-
Feed for livestock and poultry ..... farms	482	328	440	1 115	445	64	7
$1,000	5 868	5 337	7 830	31 724	19 023	5 816	1 642
Farms with expenses of—							
$1 to $4,999	248	106	149	139	64	1	1
$5,000 to $24,999	148	149	147	446	80	10	1
$25,000 to $99,999	85	71	142	515	277	29	3
$100,000 or more	1	2	2	15	24	24	2
Commercially mixed formula feeds ..... farms	372	299	351	1 024	415	63	7
$1,000	4 308	4 197	6 148	25 653	14 976	4 612	1 313
Farms with expenses of—							
$1 to $4,999	165	88	66	109	43	1	1
$5,000 to $24,999	170	166	199	503	119	12	1
$25,000 to $79,999	36	42	86	395	219	29	3
$80,000 or more	1	3	-	17	34	21	2
Seeds, bulbs, plants, and trees ..... farms	251	155	234	794	365	60	8
$1,000	163	127	200	858	712	212	46
Farms with expenses of—							
$1 to $999	189	106	180	482	155	10	1
$1,000 to $4,999	61	48	52	304	176	35	4
$5,000 to $24,999	1	1	2	8	34	15	3
$25,000 or more	-	-	-	-	-	-	-
Commercial fertilizer ..... farms	368	250	312	1 034	381	64	9
$1,000	538	415	625	3 241	2 459	783	245
Farms with expenses of—							
$1 to $4,999	336	231	284	836	199	18	4
$5,000 to $24,999	32	19	28	198	170	37	2
$25,000 to $49,999	-	-	-	-	12	8	1
$50,000 or more	-	-	-	-	-	1	2
Agricultural chemicals ..... farms	181	140	191	664	299	54	7
$1,000	140	135	199	803	969	196	36
Farms with expenses of—							
$1 to $4,999	178	136	186	650	269	43	6
$5,000 to $24,999	3	4	5	13	23	11	-
$25,000 to $49,999	-	-	-	1	3	-	1
$50,000 or more	-	-	-	-	4	-	-
Petroleum products ..... farms	542	397	491	1 257	482	68	11
$1,000	665	759	815	3 631	2 349	627	155
Farms with expenses of—							
$1 to $4,999	536	367	469	1 065	300	22	5
$5,000 to $24,999	6	29	22	192	179	45	5
$25,000 to $49,999	-	1	-	-	3	1	-
$50,000 or more	-	-	-	-	-	-	1
Gasoline and gasohol ..... farms	484	346	389	1 151	434	65	9
$1,000	328	360	316	1 499	855	216	38
Diesel fuel ..... farms	353	283	366	1 114	416	59	10
$1,000	211	260	340	1 641	1 153	324	106
Natural gas ..... farms	3	23	28	46	20	3	1
$1,000	5	14	40	41	45	(D)	(D)
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms	385	330	406	1 176	470	64	9
$1,000	121	126	119	450	295	(D)	(D)

See footnotes at end of table.

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

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

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
FARM PRODUCTION EXPENSES[1] —Con.						
Total farm production expenses—Con.						
Electricity ..... farms	4 883	294	564	209	365	396
$1,000	10 851	312	332	168	225	493
Farms with expenses of—						
$1 to $999	2 173	219	471	144	287	205
$1,000 to $4,999	2 108	59	87	65	77	187
$5,000 to $24,999	596	16	6	-	1	4
$25,000 or more	6	-	-	-	-	-
Hired farm labor ..... farms	3 028	127	224	90	144	237
$1,000	31 704	1 079	1 460	436	298	847
Farms with expenses of—						
$1 to $4,999	1 681	82	169	65	140	195
$5,000 to $24,999	1 032	34	35	22	1	36
$25,000 to $99,999	289	10	20	3	3	6
$100,000 or more	26	1	-	-	-	-
Contract labor ..... farms	558	11	68	11	64	51
$1,000	1 515	49	60	17	60	153
Farms with expenses of—						
$1 to $999	296	1	44	2	52	25
$1,000 to $4,999	170	7	22	8	10	12
$5,000 to $24,999	84	2	2	1	2	13
$25,000 or more	8	1	-	-	-	1
Repair and maintenance ..... farms	5 045	257	609	238	392	452
$1,000	20 056	350	747	374	454	749
Farms with expenses of—						
$1 to $4,999	3 804	247	579	216	391	432
$5,000 to $24,999	1 165	10	30	22	1	20
$25,000 to $49,999	69	-	-	-	-	-
$50,000 or more	7	-	-	-	-	-
Customwork, machine hire, and rental of machinery and equipment ..... farms	1 612	36	128	68	81	93
$1,000	2 702	26	90	108	100	128
Farms with expenses of—						
$1 to $999	871	20	88	20	51	52
$1,000 to $4,999	616	16	37	48	30	35
$5,000 to $24,999	119	-	3	-	-	6
$25,000 or more	6	-	-	-	-	-
Interest expense ..... farms	3 187	118	285	131	192	273
$1,000	22 539	521	530	303	532	1 060
Farms with expenses of—						
$1 to $4,999	1 850	79	269	125	163	191
$5,000 to $24,999	1 185	37	15	5	29	81
$25,000 to $99,999	148	2	1	1	-	1
$100,000 or more	4	-	-	-	-	-
Secured by real estate ..... farms	2 408	94	196	77	161	183
$1,000	17 635	445	441	167	429	655
Farms with expenses of—						
$1 to $999	379	16	61	32	49	43
$1,000 to $4,999	949	40	121	42	102	86
$5,000 to $24,999	967	38	13	3	10	53
$25,000 or more	113	-	1	-	-	1
Not secured by real estate ..... farms	1 604	45	127	95	102	131
$1,000	4 904	76	90	136	103	406
Farms with expenses of—						
$1 to $999	621	20	106	52	66	30
$1,000 to $4,999	691	22	19	38	35	70
$5,000 to $24,999	280	3	2	5	1	31
$25,000 or more	12	-	-	-	-	-
Cash rent ..... farms	1 777	22	90	64	77	128
$1,000	4 688	2	77	113	98	504
Farms with expenses of—						
$1 to $4,999	1 515	22	88	61	77	81
$5,000 to $9,999	161	-	-	3	-	35
$10,000 to $24,999	90	-	2	-	-	11
$25,000 or more	11	-	-	-	-	1
Property taxes ..... farms	5 552	336	798	277	445	487
$1,000	14 467	337	969	351	693	724
Farms with expenses of—						
$1 to $4,999	4 912	333	783	268	444	484
$5,000 to $9,999	513	1	15	9	1	3
$10,000 to $24,999	118	2	-	-	-	-
$25,000 or more	9	-	-	-	-	-
All other farm production expenses ..... farms	5 505	320	708	297	409	494
$1,000	46 654	1 265	1 630	871	754	1 944
Farms with expenses of—						
$1 to $4,999	3 401	258	639	229	370	368
$5,000 to $24,999	1 595	58	62	67	38	122
$25,000 to $49,999	386	3	5	-	1	2
$50,000 or more	123	1	2	1	-	2

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	442	383	441	1 219	493	67	10
$1,000	657	663	959	3 893	2 378	626	145
Farms with expenses of—							
$1 to $999	190	167	162	227	93	4	4
$1,000 to $4,999	239	196	232	759	189	17	1
$5,000 to $24,999	13	20	47	232	210	44	3
$25,000 or more	-	-	-	1	1	2	2
Hired farm labor ..... farms	313	226	255	932	405	65	10
$1,000	1 447	1 365	1 842	10 070	9 168	2 797	894
Farms with expenses of—							
$1 to $4,999	228	156	158	383	98	4	3
$5,000 to $24,999	77	64	90	457	188	26	2
$25,000 to $99,999	8	4	6	89	111	27	2
$100,000 or more	-	2	1	3	8	8	3
Contract labor ..... farms	63	54	58	112	49	15	2
$1,000	178	112	75	329	303	(D)	(D)
Farms with expenses of—							
$1 to $999	32	32	43	49	12	3	1
$1,000 to $4,999	18	11	11	46	22	2	1
$5,000 to $24,999	12	11	4	16	12	9	-
$25,000 or more	1	-	-	1	3	1	-
Repair and maintenance ..... farms	489	384	471	1 214	461	68	10
$1,000	1 490	1 290	1 570	7 055	4 413	1 189	374
Farms with expenses of—							
$1 to $4,999	383	305	376	686	172	13	4
$5,000 to $24,999	105	77	93	510	254	39	4
$25,000 to $49,999	1	1	2	18	34	13	-
$50,000 or more	-	1	-	-	1	3	2
Customwork, machine hire, and rental of machinery and equipment ..... farms	194	123	181	456	212	34	6
$1,000	178	120	218	893	607	(D)	(D)
Farms with expenses of—							
$1 to $999	133	87	116	208	87	7	2
$1,000 to $4,999	60	34	52	206	83	13	2
$5,000 to $24,999	1	2	13	40	40	13	1
$25,000 or more	-	-	-	2	2	1	1
Interest expense ..... farms	287	233	318	931	361	53	5
$1,000	1 498	1 367	2 069	8 049	4 831	1 218	562
Farms with expenses of—							
$1 to $4,999	149	135	167	433	126	13	-
$5,000 to $24,999	135	94	145	439	180	22	3
$25,000 to $99,999	3	4	6	59	54	16	1
$100,000 or more	-	-	-	-	1	2	1
Secured by real estate ..... farms	227	179	252	687	306	41	5
$1,000	1 128	1 073	1 656	6 393	3 727	(D)	(D)
Farms with expenses of—							
$1 to $999	42	23	28	76	7	2	-
$1,000 to $4,999	97	76	97	187	94	7	-
$5,000 to $24,999	86	76	122	377	166	19	4
$25,000 or more	2	4	5	47	39	13	1
Not secured by real estate ..... farms	149	97	162	506	162	26	2
$1,000	370	294	413	1 656	1 104	(D)	(D)
Farms with expenses of—							
$1 to $999	75	26	52	147	41	6	-
$1,000 to $4,999	48	51	86	258	52	11	1
$5,000 to $24,999	26	20	24	99	61	7	1
$25,000 or more	-	-	-	2	8	2	-
Cash rent ..... farms	167	139	177	609	257	42	5
$1,000	257	195	377	1 739	1 017	273	38
Farms with expenses of—							
$1 to $4,999	153	131	161	516	197	24	4
$5,000 to $9,999	13	4	7	49	38	12	-
$10,000 to $24,999	1	4	8	40	20	4	-
$25,000 or more	-	-	1	4	2	2	1
Property taxes ..... farms	549	431	479	1 189	480	69	12
$1,000	1 232	881	1 304	4 383	2 658	749	186
Farms with expenses of—							
$1 to $4,999	522	415	441	951	255	13	3
$5,000 to $9,999	16	15	29	215	182	26	1
$10,000 to $24,999	11	1	9	22	41	26	6
$25,000 or more	-	-	-	1	2	4	2
All other farm production expenses ..... farms	532	420	508	1 248	488	69	12
$1,000	3 113	2 606	4 133	16 329	10 628	2 782	601
Farms with expenses of—							
$1 to $4,999	359	284	284	447	145	12	6
$5,000 to $24,999	145	112	175	604	191	19	2
$25,000 to $49,999	25	23	44	161	105	17	-
$50,000 or more	3	1	5	36	47	21	4

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	5 881	347	834	297	457	543
$1,000	83 417	3 377	1 565	1 779	160	3 415
Average per farm ..... dollars	14 184	9 731	1 877	5 991	350	6 289
Farms with net gains[2] ..... number	3 313	224	303	130	115	248
Average net gain ..... dollars	29 987	17 102	11 997	17 635	14 651	18 824
Gain of—						
Less than $1,000	257	63	59	24	4	13
$1,000 to $9,999	872	96	166	55	56	90
$10,000 to $49,999	1 558	41	70	42	50	117
$50,000 or more	626	24	8	9	5	28
Farms with net losses ..... number	2 568	123	531	167	342	295
Average net loss ..... dollars	6 204	3 691	3 898	3 072	4 459	4 250
Loss of—						
Less than $1,000	367	39	105	27	67	30
$1,000 to $9,999	1 813	66	398	130	256	228
$10,000 to $49,999	369	18	27	10	18	37
$50,000 or more	19	-	1	-	1	-
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME						
Government payments ..... farms	633	11	34	18	21	36
$1,000	3 882	46	32	22	43	142
Other farm-related income[1] ..... farms	2 137	42	227	125	129	238
$1,000	7 556	142	532	231	291	708
Customwork and other agricultural services ..... farms	419	1	51	56	31	15
$1,000	1 163	(D)	(D)	81	40	38
Gross cash rent or share payments ..... farms	384	24	60	4	21	70
$1,000	850	(D)	(D)	4	64	74
Forest products and Christmas trees ..... farms	1 093	7	75	67	93	154
$1,000	3 764	5	149	130	142	492
Other farm-related income sources ..... farms	845	12	52	15	33	46
$1,000	1 779	19	76	15	45	103
COMMODITY CREDIT CORPORATION LOANS						
Total ..... farms	26	7	3	1	-	-
$1,000	157	65	(D)	(D)	-	-
Corn ..... farms	14	-	-	-	-	-
$1,000	(D)	-	-	-	-	-
Wheat ..... farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Soybeans ..... farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Sorghum, barley, and oats ..... farms	1	-	-	-	-	-
$1,000	(D)	-	-	-	-	-
Cotton ..... farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey ..... farms	11	7	3	1	-	-
$1,000	78	65	(D)	(D)	-	-
LAND IN FARMS ACCORDING TO USE						
Total cropland ..... farms	5 506	154	701	269	383	559
acres	707 970	491	12 120	9 745	17 326	32 713
Harvested cropland ..... farms	5 069	116	519	235	350	522
acres	488 253	256	6 028	6 108	10 600	20 866
Farms by acres harvested:						
1 to 49 acres	2 204	116	519	206	289	355
50 to 99 acres	1 070	-	-	29	61	143
100 to 199 acres	1 083	-	-	-	-	24
200 to 499 acres	643	-	-	-	-	-
500 to 999 acres	63	-	-	-	-	-
1,000 to 1,999 acres	5	-	-	-	-	-
2,000 acres or more	1	-	-	-	-	-
Cropland:						
Pasture or grazing only ..... farms	3 523	47	387	149	225	336
acres	188 468	193	5 116	2 811	5 410	9 928
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms	319	2	32	12	23	22
acres	7 508	(D)	209	62	198	386
On which all crops failed ..... farms	95	2	15	5	6	3
acres	1 608	(D)	94	48	44	63
In cultivated summer fallow ..... farms	86	1	5	4	3	3
acres	1 884	(D)	19	13	28	23
Idle ..... farms	663	14	90	45	55	66
acres	20 249	33	654	703	1 046	1 447
Total woodland ..... farms	4 360	32	369	191	283	456
acres	529 115	90	4 276	4 661	10 616	26 284
Woodland pastured ..... farms	1 832	8	106	57	100	136
acres	123 624	32	886	850	1 759	4 747
Woodland not pastured ..... farms	3 700	26	294	161	235	397
acres	405 491	58	3 390	3 811	8 857	21 537

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	587	452	508	1 275	498	71	12
$1,000	4 668	3 552	7 582	33 516	18 872	4 105	825
Average per farm ..... dollars	7 953	7 859	14 925	26 287	37 897	57 824	68 766
Farms with net gains[2] ..... number	292	247	342	972	375	58	7
Average net gain ..... dollars	21 099	21 319	25 217	38 034	55 445	78 238	126 731
Gain of—							
Less than $1,000	8	14	18	35	16	3	-
$1,000 to $9,999	84	86	64	126	38	10	1
$10,000 to $49,999	172	124	215	554	158	14	1
$50,000 or more	28	23	45	257	163	31	5
Farms with net losses ..... number	295	205	166	303	123	13	5
Average net loss ..... dollars	5 061	8 357	6 280	11 396	15 603	33 257	12 385
Loss of—							
Less than $1,000	46	17	11	19	5	1	-
$1,000 to $9,999	208	156	121	178	64	6	2
$10,000 to $49,999	40	30	34	103	45	4	3
$50,000 or more	1	2	-	3	9	2	-
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME							
Government payments ..... farms	55	40	48	225	122	20	3
$1,000	448	142	304	1 438	1 102	112	50
Other farm-related income[1] ..... farms	168	208	190	566	207	32	5
$1,000	334	576	577	2 006	1 777	333	49
Customwork and other agricultural services ..... farms	19	21	44	118	54	8	1
$1,000	44	96	100	244	209	(D)	(D)
Gross cash rent or share payments ..... farms	33	37	33	76	21	3	2
$1,000	36	31	68	84	296	(D)	(D)
Forest products and Christmas trees ..... farms	68	137	102	254	111	21	4
$1,000	151	400	188	938	946	196	25
Other farm-related income sources ..... farms	73	49	89	343	113	20	-
$1,000	102	49	222	739	325	81	-
COMMODITY CREDIT CORPORATION LOANS							
Total ..... farms	-	1	4	3	7	-	-
$1,000	-	(D)	9	15	51	-	-
Corn ..... farms	-	1	4	3	6	-	-
$1,000	-	(D)	9	15	(D)	-	-
Wheat ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Soybeans ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Sorghum, barley, and oats ..... farms	-	-	-	-	1	-	-
$1,000	-	-	-	-	(D)	-	-
Cotton ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
LAND IN FARMS ACCORDING TO USE							
Total cropland ..... farms	519	480	445	1 362	556	67	11
acres	43 049	49 157	56 933	257 931	180 197	38 129	10 179
Harvested cropland ..... farms	484	464	423	1 332	546	67	11
acres	26 709	34 359	38 648	181 902	127 644	27 363	7 770
Farms by acres harvested:							
1 to 49 acres	231	157	102	179	45	2	3
50 to 99 acres	185	166	134	308	42	2	-
100 to 199 acres	68	134	158	519	171	8	1
200 to 499 acres	-	7	29	326	247	32	2
500 to 999 acres	-	-	-	-	41	21	1
1,000 to 1,999 acres	-	-	-	-	-	2	3
2,000 acres or more	-	-	-	-	-	-	1
Cropland:							
Pasture or grazing only ..... farms	346	308	318	969	383	49	6
acres	14 184	13 167	16 990	67 795	42 198	8 790	1 886
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms	22	18	28	94	50	14	2
acres	350	512	395	2 210	1 765	1 242	(D)
On which all crops failed ..... farms	6	2	4	23	22	6	1
acres	72	(D)	(D)	293	619	305	(D)
In cultivated summer fallow ..... farms	11	7	2	32	15	3	-
acres	180	(D)	(D)	910	339	251	-
Idle ..... farms	54	44	37	160	87	7	4
acres	1 554	997	839	4 821	7 632	178	345
Total woodland ..... farms	441	400	380	1 224	508	65	11
acres	30 522	37 201	40 147	180 041	136 416	37 018	21 843
Woodland pastured ..... farms	158	176	157	623	268	37	6
acres	5 905	7 934	7 463	44 286	30 451	9 524	9 787
Woodland not pastured ..... farms	371	341	329	1 031	448	59	8
acres	24 617	29 267	32 684	135 755	105 965	27 494	12 056

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	1 713	20	206	72	102	151
acres	103 133	91	2 521	1 200	2 591	4 877
Land in house lots, ponds, roads, wasteland, etc. ..... farms	3 559	196	534	179	212	327
acres	67 650	347	3 085	1 223	2 684	4 010
Cropland under federal acreage reduction programs:						
Annual commodity acreage adjustment programs ..... farms	76	-	-	-	-	-
acres	1 789	-	-	-	-	-
Conservation reserve program ..... farms	19	-	-	-	2	1
acres	715	-	-	-	(D)	(D)
Value of land and buildings[1] ..... farms	5 881	347	834	297	457	543
$1,000	1 521 489	25 690	92 942	41 551	72 783	83 412
Average per farm ..... dollars	258 713	74 035	111 441	139 902	159 263	153 613
Average per acre ..... dollars	1 124	18 807	4 018	2 443	1 954	1 300
Farms by value group:						
$1 to $39,999	544	216	226	20	17	23
$40,000 to $69,999	361	5	118	49	60	86
$70,000 to $99,999	501	29	102	57	85	88
$100,000 to $149,999	923	39	169	65	121	119
$150,000 to $199,999	772	24	106	32	47	96
$200,000 to $499,999	2 021	32	99	73	108	112
$500,000 to $999,999	619	1	14	1	18	19
$1,000,000 to $1,999,999	116	1	-	-	-	-
$2,000,000 to $4,999,999	23	-	-	-	1	-
$5,000,000 or more	1	-	-	-	-	-
VALUE OF MACHINERY AND EQUIPMENT[1]						
Estimated market value of all machinery and equipment ..... farms	5 872	347	834	297	449	543
$1,000	270 641	8 994	13 352	5 161	9 714	13 434
Farms by value group:						
$1 to $4,999	389	41	117	65	45	34
$5,000 to $9,999	1 096	113	328	75	145	134
$10,000 to $19,999	887	65	211	32	111	101
$20,000 to $49,999	1 424	73	119	103	95	196
$50,000 to $99,999	1 256	33	51	21	45	70
$100,000 to $199,999	664	22	7	1	-	8
$200,000 to $499,999	148	-	1	-	8	-
$500,000 or more	8	-	-	-	-	-
SELECTED MACHINERY AND EQUIPMENT[1]						
Motortrucks, including pickups ..... farms	4 738	234	711	222	344	387
number	7 318	313	833	328	470	548
Wheel tractors ..... farms	5 448	258	691	263	432	500
number	15 295	572	1 096	429	853	1 097
Less than 40 horsepower (PTO) ..... farms	3 505	175	544	185	338	301
number	5 911	257	755	248	527	546
40 horsepower (PTO) or more ..... farms	3 779	139	266	113	230	308
number	9 384	315	341	181	326	551
Grain and bean combines ..... farms	117	9	-	-	23	-
number	128	9	-	-	23	-
Cottonpickers and strippers ..... farms	-	-	-	-	-	-
number	-	-	-	-	-	-
Mower conditioners ..... farms	3 255	64	151	43	174	334
number	3 706	76	164	45	193	366
Pickup balers ..... farms	3 472	54	180	89	196	321
number	3 882	73	191	95	205	329
AGRICULTURAL CHEMICALS[1]						
Commercial fertilizer ..... farms	3 418	71	289	139	191	317
acres on which used	284 133	217	3 120	3 289	4 535	10 070
Lime ..... farms	1 345	16	116	47	42	140
acres on which used	43 638	35	1 121	914	605	2 433
tons	73 269	32	2 328	1 863	749	5 092
Sprays, dusts, granules, fumigants, etc., to control—						
Insects on hay and other crops ..... farms	560	37	70	21	31	26
acres on which used	22 170	56	379	461	717	593
Nematodes in crops ..... farms	68	2	1	2	3	2
acres on which used	5 063	(D)	(D)	(D)	8	(D)
Diseases in crops and orchards ..... farms	238	21	48	28	25	18
acres on which used	7 366	24	298	498	681	441
Weeds, grass, or brush in crops and pasture ..... farms	1 534	25	59	40	54	59
acres on which used	74 766	37	312	788	688	1 384
Chemicals for defoliation or for growth control of crops or thinning of fruit ..... farms	67	10	4	1	3	5
acres on which used	3 912	10	33	(D)	97	229

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	147	151	144	466	218	30	6
acres	5 449	6 722	6 953	32 152	28 259	8 855	3 463
Land in house lots, ponds, roads, wasteland, etc. ..... farms	312	276	265	834	362	53	9
acres	4 839	5 014	4 166	19 049	15 975	5 863	1 395
Cropland under federal acreage reduction programs:							
Annual commodity acreage adjustment programs ..... farms	2	2	8	20	40	4	-
acres	(D)	(D)	83	301	1 077	262	-
Conservation reserve program ..... farms	3	1	-	5	6	1	-
acres	29	(D)	-	178	204	(D)	-
Value of land and buildings[1] ..... farms	587	452	508	1 275	498	71	12
$1,000	122 899	102 464	139 273	459 929	284 472	70 720	25 354
Average per farm ..... dollars	209 368	226 690	274 159	360 729	571 229	996 056	2 112 833
Average per acre ..... dollars	1 329	1 133	1 138	1 005	887	787	687
Farms by value group:							
$1 to $39,999	32	-	10	-	-	-	-
$40,000 to $69,999	10	21	3	9	-	-	-
$70,000 to $99,999	47	36	21	34	1	1	-
$100,000 to $149,999	160	81	82	85	2	-	-
$150,000 to $199,999	96	122	92	154	3	-	-
$200,000 to $499,999	201	162	244	758	222	9	1
$500,000 to $999,999	41	27	45	193	226	33	1
$1,000,000 to $1,999,999	-	3	10	31	40	24	7
$2,000,000 to $4,999,999	-	-	1	11	4	4	2
$5,000,000 or more	-	-	-	-	-	-	1
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ..... farms	587	452	508	1 274	498	71	12
$1,000	22 668	19 584	26 110	85 774	53 101	10 818	1 932
Farms by value group:							
$1 to $4,999	15	27	15	30	-	-	-
$5,000 to $9,999	103	56	62	43	33	3	1
$10,000 to $19,999	83	73	70	123	15	2	1
$20,000 to $49,999	226	143	118	308	34	7	2
$50,000 to $99,999	108	110	161	467	173	15	2
$100,000 to $199,999	50	35	77	264	174	23	3
$200,000 to $499,999	2	7	5	38	65	20	2
$500,000 or more	-	1	-	1	4	1	1
SELECTED MACHINERY AND EQUIPMENT[1]							
Motortrucks, including pickups ..... farms	429	371	366	1 143	452	68	11
number	666	518	581	1 791	985	239	46
Wheel tractors ..... farms	546	443	496	1 249	487	71	12
number	1 384	1 253	1 407	4 442	2 259	435	68
Less than 40 horsepower (PTO) ..... farms	333	295	350	676	260	41	7
number	572	553	547	1 284	525	83	14
40 horsepower (PTO) or more ..... farms	405	298	374	1 118	449	69	10
number	812	700	860	3 158	1 734	352	54
Grain and bean combines ..... farms	2	5	11	29	28	8	2
number	(D)	5	11	31	33	12	(D)
Cottonpickers and strippers ..... farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Mower conditioners ..... farms	353	285	339	1 040	400	62	10
number	394	312	382	1 157	500	98	19
Pickup balers ..... farms	411	324	370	1 053	406	58	10
number	457	357	423	1 193	467	74	18
AGRICULTURAL CHEMICALS[1]							
Commercial fertilizer ..... farms	368	244	312	1 033	381	64	9
acres on which used	18 644	14 457	23 520	107 448	70 851	21 966	6 016
Lime ..... farms	163	90	83	414	194	33	7
acres on which used	4 382	2 231	2 445	13 873	11 760	2 858	981
tons	6 897	3 869	5 177	23 394	17 621	4 327	1 920
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms	60	33	52	156	65	8	1
acres on which used	1 449	1 304	1 886	7 239	6 534	(D)	(D)
Nematodes in crops ..... farms	5	9	4	16	21	2	1
acres on which used	135	378	240	1 054	2 874	(D)	(D)
Diseases in crops and orchards ..... farms	34	14	4	27	16	2	1
acres on which used	381	652	262	1 375	2 641	(D)	(D)
Weeds, grass, or brush in crops and pasture ..... farms	123	112	149	595	262	49	7
acres on which used	2 301	3 420	5 773	27 245	22 709	7 648	2 461
Chemicals for defoliation or for growth control of crops or thinning of fruit ..... farms	2	4	3	16	18	1	-
acres on which used	(D)	262	232	680	2 067	(D)	-

See footnotes at end of table.

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

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

Item		Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
TENURE AND RACE OF OPERATOR							
All operators		5 877	281	834	287	400	581
Full owners		3 383	229	625	183	271	399
Part owners		2 089	25	158	85	96	129
Tenants		405	27	51	19	33	53
White		5 856	279	830	285	400	578
Full owners		3 374	229	621	183	271	399
Part owners		2 079	25	158	83	96	126
Tenants		403	25	51	19	33	53
Black and other races		21	2	4	2	-	3
Full owners		9	-	4	-	-	-
Part owners		10	-	-	2	-	3
Tenants		2	2	-	-	-	-
OWNED AND RENTED LAND							
Land owned	farms	5 477	254	784	268	368	529
	acres	1 131 306	4 632	21 187	13 903	30 141	57 549
Owned land in farms	farms	5 472	254	783	268	367	528
	acres	1 103 362	828	18 182	13 091	27 127	55 193
Land rented or leased from others	farms	2 511	55	209	104	131	182
	acres	308 393	391	3 993	3 751	6 110	12 874
Rented or leased land in farms	farms	2 494	52	209	104	129	182
	acres	304 506	191	3 820	3 738	6 090	12 691
Land rented or leased to others	farms	445	30	73	19	36	48
	acres	31 831	4 004	3 178	825	3 034	2 539
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated		5 121	196	740	245	343	492
Not on farm operated		485	56	67	30	35	54
Not reported		271	29	27	12	22	35
Operators by principal occupation:							
Farming		3 762	123	285	101	173	302
Other		2 115	158	549	186	227	279
Operators by days of work off farm:							
None		2 854	100	224	75	136	216
Any		2 695	159	593	202	248	332
1 to 99 days		595	22	80	31	32	41
100 to 199 days		502	27	104	33	51	70
200 days or more		1 598	110	409	138	165	221
Not reported		328	22	17	10	16	33
Operators by years on present farm:							
2 years or less		329	23	58	21	30	39
3 or 4 years		437	36	108	33	19	40
5 to 9 years		1 031	64	232	66	88	99
10 years or more		3 345	94	360	134	216	343
Average years on present farm		18.1	11.7	12.4	14.9	16.3	18.2
Not reported		735	64	76	33	47	60
Operators by age group:							
Under 25 years		56	8	8	2	2	4
25 to 34 years		705	41	104	26	47	57
35 to 44 years		1 460	84	286	88	114	157
45 to 49 years		701	27	115	42	47	68
50 to 54 years		650	26	80	23	33	49
55 to 59 years		660	28	73	29	53	56
60 to 64 years		595	27	52	22	40	64
65 to 69 years		445	17	49	23	27	53
70 years and over		585	23	67	32	37	73
Average age		50.4	48.2	47.8	50.1	50.4	51.4
Operators by sex:							
Male		5 302	238	679	250	349	523
Female		575	43	155	37	51	58
Operators of Spanish origin (see text)		24	-	2	-	1	6
FARMS BY TYPE OF ORGANIZATION							
Individual or family (sole proprietorship)	farms	5 096	239	769	263	368	536
	acres	1 126 649	875	20 472	15 396	30 515	62 659
Partnership	farms	510	16	39	15	19	33
	acres	170 255	69	941	895	1 574	3 873
Corporation:							
Family held	farms	209	18	19	5	8	8
	acres	86 508	60	495	307	678	887
More than 10 stockholders	farms	3	-	-	-	-	-
10 or less stockholders	farms	206	18	19	5	8	8
Other than family held	farms	23	5	1	3	1	1
	acres	10 605	12	(D)	(D)	(D)	(D)
More than 10 stockholders	farms	1	-	-	1	-	-
10 or less stockholders	farms	22	5	1	2	1	1
Other—cooperative, estate or trust, institutional, etc.	farms	39	3	6	1	4	3
	acres	13 851	3	(D)	(D)	(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
TENURE AND RACE OF OPERATOR							
All operators	532	493	451	1 376	559	71	12
Full owners	333	275	245	596	199	21	7
Part owners	165	181	168	695	335	47	5
Tenants	34	37	38	85	25	3	-
White	531	491	450	1 370	559	71	12
Full owners	332	275	245	592	199	21	7
Part owners	165	179	167	693	335	47	5
Tenants	34	37	38	85	25	3	-
Black and other races	1	2	1	6	-	-	-
Full owners	1	-	-	4	-	-	-
Part owners	-	2	1	2	-	-	-
Tenants	-	-	-	-	-	-	-
OWNED AND RENTED LAND							
Land owned farms	498	456	413	1 293	534	68	12
acres	71 283	80 352	86 240	381 766	278 466	70 141	35 646
Owned land in farms farms	498	456	413	1 291	534	68	12
acres	68 511	78 209	84 555	378 335	275 006	69 473	34 852
Land rented or leased from others farms	206	218	206	783	362	50	5
acres	15 922	19 898	25 081	111 402	86 496	20 447	2 028
Rented or leased land in farms farms	199	218	206	780	360	50	5
acres	15 348	19 885	23 644	110 838	85 841	20 392	2 028
Land rented or leased to others farms	53	37	39	73	28	5	4
acres	3 346	2 156	3 122	3 995	4 115	723	794
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	457	431	407	1 247	499	56	8
Not on farm operated	52	40	32	72	36	9	2
Not reported	23	22	12	57	24	6	2
Operators by principal occupation:							
Farming	336	360	350	1 162	493	67	10
Other	196	133	101	214	66	4	2
Operators by days of work off farm:							
None	240	278	251	890	390	48	6
Any	248	184	177	396	132	19	5
1 to 99 days	64	56	63	133	59	11	3
100 to 199 days	49	32	27	88	18	3	-
200 days or more	135	96	87	175	55	5	2
Not reported	44	31	23	90	37	4	1
Operators by years on present farm:							
2 years or less	28	30	28	49	21	2	-
3 or 4 years	37	36	48	55	21	2	2
5 to 9 years	82	72	63	198	60	5	2
10 years or more	318	286	259	913	368	47	7
Average years on present farm	19.7	18.7	19.2	21.0	22.2	25.9	20.0
Not reported	67	69	53	161	89	15	1
Operators by age group:							
Under 25 years	4	5	7	12	3	1	-
25 to 34 years	78	79	65	151	53	2	2
35 to 44 years	114	110	98	302	113	12	2
45 to 49 years	46	54	57	166	66	10	3
50 to 54 years	57	52	54	196	69	9	2
55 to 59 years	50	52	51	174	86	8	-
60 to 64 years	58	54	43	167	56	12	-
65 to 69 years	47	33	35	96	53	10	2
70 years and over	78	54	41	112	60	7	1
Average age	51.7	50.3	50.0	50.8	52.4	55.0	48.6
Operators by sex:							
Male	475	452	414	1 309	533	68	12
Female	57	41	37	67	26	3	-
Operators of Spanish origin (see text)	3	3	3	4	2	-	-
FARMS BY TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) farms	481	430	393	1 159	413	38	7
acres	75 765	85 544	94 309	409 552	264 208	49 316	18 038
Partnership farms	28	50	40	160	94	16	-
acres	4 460	9 920	9 570	58 919	60 656	19 378	-
Corporation:							
Family held farms	23	9	12	49	40	15	3
acres	3 634	1 828	2 855	17 831	27 612	(D)	(D)
More than 10 stockholders farms	-	-	-	-	-	3	-
10 or less stockholders farms	23	9	12	49	40	12	3
Other than family held farms	-	3	1	-	7	-	1
acres	-	(D)	(D)	-	5 090	-	(D)
More than 10 stockholders farms	-	-	-	-	-	-	-
10 or less stockholders farms	-	3	1	-	7	-	1
Other—cooperative, estate or trust, institutional, etc. farms	-	1	5	8	5	2	1
acres	-	(D)	(D)	2 871	3 281	(D)	(D)

See footnotes at end of table.

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

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

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
FARMS BY SIZE						
1 to 9 acres	281	281	-	-	-	-
10 to 49 acres	834	-	834	-	-	-
50 to 69 acres	287	-	-	287	-	-
70 to 99 acres	400	-	-	-	400	-
100 to 139 acres	581	-	-	-	-	581
140 to 179 acres	532	-	-	-	-	-
180 to 219 acres	493	-	-	-	-	-
220 to 259 acres	451	-	-	-	-	-
260 to 499 acres	1 376	-	-	-	-	-
500 to 999 acres	559	-	-	-	-	-
1,000 to 1,999 acres	71	-	-	-	-	-
2,000 acres or more	12	-	-	-	-	-
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION						
Cash grains (011)	9	1	-	-	-	2
Field crops, except cash grains (013)	818	5	96	68	94	126
Cotton (0131)	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	818	5	96	68	94	126
Vegetables and melons (016)	104	15	40	5	5	14
Fruits and tree nuts (017)	136	8	48	11	10	17
Horticultural specialties (018)	137	59	47	7	7	10
General farms, primarily crop (019)	214	2	53	34	30	22
Livestock, except dairy, poultry, and animal specialties (021)	1 436	100	329	107	155	192
Beef cattle, except feedlots (0212)	870	44	167	64	89	131
Dairy farms (024)	2 586	36	62	33	67	156
Poultry and eggs (025)	62	7	19	3	7	11
Animal specialties (027)	307	43	124	17	23	28
General farms, primarily livestock and animal specialties (029)	68	5	16	2	2	3
LIVESTOCK						
Cattle and calves inventory — farms	4 128	111	372	155	234	366
— number	320 189	5 371	8 481	2 936	5 752	12 791
Farms with—						
1 to 9	675	43	210	70	82	75
10 to 49	1 112	42	124	71	117	193
50 to 99	1 168	13	26	13	34	82
100 to 199	903	8	6	1	1	16
200 to 499	244	2	4	-	-	-
500 or more	26	3	2	-	-	-
Cows and heifers that had calved — farms	3 715	83	299	130	194	305
— number	188 772	1 824	3 192	1 626	3 173	7 087
Beef cows — farms	1 180	39	199	82	113	149
— number	9 805	276	942	385	744	1 136
Farms with—						
1 to 9	859	29	175	71	89	112
10 to 49	305	10	24	11	24	34
50 to 99	11	-	-	-	-	1
100 to 199	3	-	-	-	-	2
200 to 499	2	-	-	-	-	-
500 or more	-	-	-	-	-	-
Milk cows — farms	2 846	52	121	58	104	185
— number	178 967	1 548	2 250	1 241	2 429	5 951
Farms with—						
1 to 4	226	13	54	17	30	26
5 to 9	41	3	11	3	3	4
10 to 49	978	27	42	36	61	124
50 to 99	1 173	8	14	2	10	29
100 to 199	353	-	-	-	-	2
200 to 499	72	1	-	-	-	-
500 or more	3	-	-	-	-	-
Heifers and heifer calves — farms	3 388	68	219	95	160	285
— number	113 021	1 278	1 806	936	1 998	4 515
Steers, steer calves, bulls, and bull calves — farms	2 151	63	185	75	125	191
— number	18 396	2 269	3 483	374	581	1 189
Cattle and calves sold — farms	3 919	97	291	122	201	348
— number	170 741	4 802	10 447	1 577	3 502	7 633
— $1,000	42 148	1 979	4 191	562	1 087	2 119
Calves — farms	3 092	67	175	69	121	239
— number	108 869	3 240	8 526	616	1 530	4 408
— $1,000	11 698	1 094	3 112	52	104	497
Cattle — farms	3 544	84	244	111	181	305
— number	61 872	1 562	1 921	961	1 972	3 225
— $1,000	30 450	885	1 079	510	982	1 622
Fattened on grain and concentrates — farms	372	18	54	28	28	45
— number	4 608	680	647	85	177	302
— $1,000	2 332	313	380	50	70	143

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	532	-	-	-	-	-	-
180 to 219 acres	-	493	-	-	-	-	-
220 to 259 acres	-	-	451	-	-	-	-
260 to 499 acres	-	-	-	1 376	-	-	-
500 to 999 acres	-	-	-	-	559	-	-
1,000 to 1,999 acres	-	-	-	-	-	71	-
2,000 acres or more	-	-	-	-	-	-	12
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)	2	1	-	2	-	1	-
Field crops, except cash grains (013)	107	66	67	144	41	3	1
Cotton (0131)	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	107	66	67	144	41	3	1
Vegetables and melons (016)	15	4	2	4	-	-	-
Fruits and tree nuts (017)	9	7	4	10	11	-	1
Horticultural specialties (018)	5	2	-	-	-	-	-
General farms, primarily crop (019)	19	16	10	21	6	1	-
Livestock, except dairy, poultry, and animal specialties (021)	141	114	79	170	42	4	3
Beef cattle, except feedlots (0212)	94	81	54	118	26	1	1
Dairy farms (024)	202	258	274	985	448	59	6
Poultry and eggs (025)	3	5	3	3	1	-	-
Animal specialties (027)	22	13	9	23	4	1	-
General farms, primarily livestock and animal specialties (029)	7	7	3	14	6	2	1
LIVESTOCK							
Cattle and calves inventory — farms	358	390	363	1 213	493	64	9
— number	17 192	23 284	26 138	116 673	76 400	19 510	5 661
Farms with—							
1 to 9	52	36	27	65	12	1	2
10 to 49	146	125	89	177	26	2	-
50 to 99	126	170	159	440	104	1	-
100 to 199	33	55	83	462	222	16	-
200 to 499	1	3	5	68	123	34	4
500 or more	-	1	-	1	6	10	3
Cows and heifers that had calved — farms	313	359	334	1 147	478	64	9
— number	10 133	14 424	16 477	70 071	45 360	11 869	3 536
Beef cows — farms	116	108	71	218	72	10	3
— number	983	972	679	2 081	878	316	413
Farms with—							
1 to 9	74	75	45	141	40	6	2
10 to 49	41	30	26	72	30	3	-
50 to 99	1	3	-	4	2	-	-
100 to 199	-	-	-	1	-	-	-
200 to 499	-	-	-	-	-	1	1
500 or more	-	-	-	-	-	-	-
Milk cows — farms	229	281	282	1 020	448	60	6
— number	9 150	13 452	15 798	67 990	44 482	11 553	3 123
Farms with—							
1 to 4	25	17	9	32	3	-	-
5 to 9	8	4	-	5	-	-	-
10 to 49	121	147	108	257	54	1	-
50 to 99	72	101	149	579	199	9	1
100 to 199	3	11	14	140	160	21	2
200 to 499	-	1	2	7	31	29	1
500 or more	-	-	-	-	1	-	2
Heifers and heifer calves — farms	302	340	313	1 090	450	59	7
— number	6 043	7 603	8 656	41 938	28 965	7 248	2 035
Steers, steer calves, bulls, and bull calves — farms	197	201	179	619	272	38	6
— number	1 016	1 257	1 005	4 664	2 075	393	90
Cattle and calves sold — farms	357	384	360	1 195	493	64	7
— number	10 883	13 869	13 468	57 905	35 453	8 531	2 671
— $1,000	2 836	3 368	2 747	13 151	7 725	1 895	488
Calves — farms	268	308	302	1 036	441	59	7
— number	6 582	8 651	8 317	37 189	22 520	5 385	1 905
— $1,000	848	991	507	2 701	1 369	324	99
Cattle — farms	324	349	334	1 095	451	59	7
— number	4 301	5 218	5 151	20 716	12 933	3 146	766
— $1,000	1 988	2 377	2 240	10 450	6 357	1 571	389
Fattened on grain and concentrates — farms	39	31	27	71	24	7	-
— number	294	223	314	980	439	467	-
— $1,000	125	123	168	455	205	301	-

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	370	26	66	17	33	28
number	5 133	553	1 247	517	94	589
Farms with—						
1 to 24	345	23	59	15	33	25
25 to 49	10	-	2	1	-	-
50 to 99	3	2	-	-	-	1
100 to 199	4	-	2	-	-	1
200 to 499	8	1	3	1	-	1
500 or more	-	-	-	-	-	-
Used or to be used for breeding ..... farms	154	14	29	8	12	10
number	1 049	169	226	50	40	150
Other ..... farms	320	22	57	17	24	23
number	4 084	384	1 021	467	54	439
Hogs and pigs sold ..... farms	239	22	51	16	18	23
number	7 595	988	2 058	318	214	1 120
$1,000	660	72	178	32	25	86
Feeder pigs ..... farms	68	7	18	7	4	6
number	3 598	648	1 075	70	32	732
$1,000	146	27	45	3	1	35
Litters of pigs farrowed between—						
Dec. 1 of preceding year and Nov. 30 ..... farms	161	14	30	9	12	10
number	1 327	180	283	115	36	227
Dec. 1 and May 31 ..... farms	148	13	26	9	12	9
number	701	89	146	63	24	116
June 1 and Nov. 30 ..... farms	113	12	23	3	6	9
number	626	91	137	52	12	111
Sheep and lambs of all ages inventory ..... farms	605	29	157	43	60	69
number	20 456	610	3 273	819	1 795	1 942
Ewes 1 year old or older ..... farms	542	24	142	41	58	59
number	12 824	440	2 213	(D)	(D)	1 284
Sheep and lambs sold ..... farms	515	29	132	35	52	59
number	19 348	688	2 607	928	1 628	1 774
Sheep and lambs shorn ..... farms	523	28	137	39	49	66
number	18 312	656	2 886	763	1 776	1 812
pounds of wool	131 750	3 845	22 475	4 699	14 135	12 158
Horses and ponies inventory ..... farms	1 427	46	273	97	126	152
number	7 588	178	1 570	424	652	831
Horses and ponies sold ..... farms	265	15	67	20	25	29
number	887	25	187	41	77	78
Goats inventory ..... farms	147	11	44	10	9	20
number	971	130	395	101	77	72
Goats sold ..... farms	41	7	16	4	4	4
number	427	117	151	34	28	14
POULTRY						
Chickens 3 months old or older inventory ..... farms	649	30	137	46	63	61
number	405 869	5 608	148 978	1 018	1 488	10 136
Farms with—						
1 to 399	632	27	131	46	63	60
400 to 3,199	8	3	1	-	-	-
3,200 to 9,999	1	-	-	-	-	1
10,000 to 19,999	1	-	1	-	-	-
20,000 to 49,999	5	-	4	-	-	-
50,000 to 99,999	1	-	-	-	-	-
100,000 or more	1	-	-	-	-	-
Hens and pullets of laying age ..... farms	645	30	137	46	63	61
number	358 595	5 071	112 855	967	1 375	10 094
Pullets 3 months old or older not of laying age ..... farms	76	6	20	5	9	3
number	47 274	537	36 123	51	113	42
Hens and pullets sold ..... farms	137	12	28	7	15	7
number	357 585	2 604	122 710	76	197	8 586
Broilers and other meat-type chickens sold ..... farms	53	6	12	7	4	6
number	5 231	206	1 128	519	230	128
Farms with—						
1 to 1,999	53	6	12	7	4	6
2,000 to 59,999	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	-
Turkey hens kept for breeding ..... farms	10	-	3	1	-	1
number	136	-	21	(D)	-	(D)
Turkeys sold ..... farms	99	6	19	7	7	17
number	17 982	386	1 252	3 118	1 784	8 202

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	28	35	19	89	24	4	1
number	600	191	135	991	183	(D)	(D)
Farms with—							
1 to 24	27	34	18	83	23	4	1
25 to 49	-	1	1	4	1	-	-
50 to 99	-	-	-	-	-	-	-
100 to 199	-	-	-	1	-	-	-
200 to 499	1	-	-	1	-	-	-
500 or more	-	-	-	-	-	-	-
Used or to be used for breeding ..... farms	11	14	6	40	8	2	-
number	90	46	26	196	(D)	(D)	-
Other ..... farms	27	30	19	75	21	4	1
number	510	145	109	795	(D)	(D)	(D)
Hogs and pigs sold ..... farms	20	21	14	42	11	1	-
number	922	190	320	1 095	(D)	(D)	-
$1,000	84	22	18	98	(D)	(D)	-
Feeder pigs ..... farms	5	4	3	13	1	-	-
number	286	58	232	(D)	(D)	-	-
$1,000	9	2	6	(D)	(D)	-	-
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 ..... farms	11	15	7	43	8	2	-
number	151	33	44	200	(D)	(D)	-
Dec. 1 and May 31 ..... farms	10	13	7	39	8	2	-
number	76	18	27	104	(D)	(D)	-
June 1 and Nov. 30 ..... farms	10	8	4	30	6	2	-
number	75	15	17	96	(D)	(D)	-
Sheep and lambs of all ages inventory ..... farms	42	34	27	102	34	6	2
number	1 891	2 852	473	5 548	915	(D)	(D)
Ewes 1 year old or older ..... farms	39	31	22	89	31	4	2
number	1 145	1 641	312	3 120	684	(D)	(D)
Sheep and lambs sold ..... farms	42	24	27	80	28	5	2
number	1 235	2 079	644	6 704	851	(D)	(D)
Sheep and lambs shorn ..... farms	38	26	26	82	27	3	2
number	1 615	1 756	469	5 340	1 017	(D)	(D)
pounds of wool	9 691	11 500	3 566	41 558	6 995	(D)	(D)
Horses and ponies inventory ..... farms	151	122	81	258	101	16	4
number	731	688	508	1 066	553	360	27
Horses and ponies sold ..... farms	26	20	14	34	8	6	1
number	103	62	51	106	43	(D)	(D)
Goats inventory ..... farms	5	9	14	16	8	-	1
number	5	50	27	80	(D)	-	(D)
Goats sold ..... farms	1	1	-	2	2	-	-
number	(D)	(D)	-	(D)	(D)	-	-
POULTRY							
Chickens 3 months old or older inventory ..... farms	71	44	35	108	48	3	3
number	49 656	7 284	1 695	178 076	1 794	84	52
Farms with—							
1 to 399	70	41	34	106	48	3	3
400 to 3,199	-	3	1	-	-	-	-
3,200 to 9,999	-	-	-	-	-	-	-
10,000 to 19,999	-	-	-	-	-	-	-
20,000 to 49,999	1	-	-	-	-	-	-
50,000 to 99,999	-	-	-	1	-	-	-
100,000 or more	-	-	-	1	-	-	-
Hens and pullets of laying age ..... farms	71	41	35	108	47	3	3
number	49 540	7 199	1 655	167 955	1 748	84	52
Pullets 3 months old or older not of laying age ..... farms	8	7	5	9	4	-	-
number	116	85	40	10 121	46	-	-
Hens and pullets sold ..... farms	18	16	6	18	10	-	-
number	45 432	1 672	90	175 672	546	-	-
Broilers and other meat-type chickens sold ..... farms	6	4	1	7	-	-	-
number	1 880	(D)	(D)	980	-	-	-
Farms with—							
1 to 1,999	6	4	1	7	-	-	-
2,000 to 59,999	-	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	-	-
Turkey hens kept for breeding ..... farms	-	2	2	1	-	-	-
number	-	(D)	(D)	(D)	-	-	-
Turkeys sold ..... farms	7	6	6	16	6	1	1
number	104	401	1 482	329	(D)	(D)	(D)

See footnotes at end of table.

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

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

Item	Total	1 to 9 acres	10 to 49 acres	50 to 69 acres	70 to 99 acres	100 to 139 acres
CROPS HARVESTED						
Corn for silage or green chop ---- farms	1 481	1	8	10	24	67
acres	70 258	(D)	(D)	96	408	1 357
tons, green	1 154 813	(D)	(D)	1 335	6 386	20 077
Irrigated ---- farms	9	-	-	-	-	2
acres	290	-	-	-	-	(D)
Farms by acres harvested:						
1 to 24 acres	511	1	8	10	18	52
25 to 99 acres	814	-	-	-	6	15
100 to 249 acres	141	-	-	-	-	-
250 to 499 acres	11	-	-	-	-	-
500 acres or more	4	-	-	-	-	-
Irish potatoes ---- farms	57	6	9	2	3	6
acres	162	9	10	(D)	5	6
cwt	36 988	742	901	(D)	910	1 037
Irrigated ---- farms	1	1	-	-	-	-
acres	(D)	(D)	-	-	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) -- farms	4 640	27	377	206	322	489
acres	432 881	91	5 183	5 688	10 033	19 288
tons, dry	869 548	160	8 908	8 740	16 830	37 035
Irrigated ---- farms	13	-	1	2	2	3
acres	371	-	(D)	(D)	(D)	105
Farms by acres harvested:						
1 to 24 acres	1 003	27	327	92	132	151
25 to 99 acres	2 028	-	50	113	187	320
100 to 249 acres	1 281	-	-	1	3	18
250 to 499 acres	286	-	-	-	-	-
500 acres or more	42	-	-	-	-	-
Tame hay other than alfalfa, small grain, and wild hay (see text) ---- farms	3 115	13	202	136	207	333
acres	184 780	28	2 727	3 522	6 190	11 399
tons, dry	365 497	37	4 487	5 791	10 485	22 173
Irrigated ---- farms	8	-	-	2	2	1
acres	158	-	-	(D)	(D)	(D)
Vegetables harvested for sale (see text) --- farms	230	23	75	9	14	23
acres	2 038	54	488	68	141	308
Irrigated ---- farms	43	3	22	1	3	3
acres	365	6	105	(D)	9	18
Farms by acres harvested:						
0.1 to 4.9 acres	134	20	40	6	10	14
5.0 to 24.9 acres	80	3	34	2	2	7
25.0 to 99.9 acres	15	-	1	1	2	2
100.0 to 249.9 acres	-	-	-	-	-	-
250.0 acres or more	1	-	-	-	-	-
Land in orchards ---- farms	221	10	58	18	26	27
acres	4 797	27	312	192	253	438
Irrigated ---- farms	15	1	7	-	1	-
acres	304	(D)	14	-	(D)	-
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	125	8	37	9	20	15
5.0 to 24.9 acres	54	2	19	7	3	7
25.0 to 99.9 acres	30	-	2	2	3	5
100.0 to 249.9 acres	8	-	-	-	-	-
250.0 acres or more	4	-	-	-	-	-

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							
Corn for silage or green chop ---- farms	99	129	147	610	326	54	6
acres	2 551	3 821	5 164	26 178	21 062	6 583	2 963
tons, green	41 569	62 889	85 807	432 340	331 513	116 363	55 775
Irrigated ---- farms	-	2	-	4	1	-	-
acres	-	(D)	-	84	(D)	-	-
Farms by acres harvested:							
1 to 24 acres	58	67	51	187	56	3	-
25 to 99 acres	38	57	92	374	209	21	2
100 to 249 acres	3	5	4	49	55	23	2
250 to 499 acres	-	-	-	-	5	6	-
500 acres or more	-	-	-	-	1	1	2
Irish potatoes ---- farms	5	5	6	14	1	-	-
acres	7	4	2	13	(D)	-	-
cwt	1 029	592	328	2 594	(D)	-	-
Irrigated ---- farms	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) -- farms	461	448	402	1 306	526	66	10
acres	24 681	31 458	34 743	165 718	110 105	20 431	5 462
tons, dry	48 211	60 845	67 338	332 197	230 814	47 892	10 578
Irrigated ---- farms	-	3	-	1	1	-	-
acres	-	98	-	(D)	(D)	-	-
Farms by acres harvested:							
1 to 24 acres	86	69	38	61	18	1	1
25 to 99 acres	320	264	210	466	93	4	1
100 to 249 acres	55	112	151	666	248	25	2
250 to 499 acres	-	3	3	110	144	24	2
500 acres or more	-	-	-	3	23	12	4
Tame hay other than alfalfa, small grain, and wild hay (see text) ---- farms	329	314	282	897	358	37	7
acres	13 479	16 690	17 233	68 791	36 945	5 941	1 835
tons, dry	26 155	31 979	32 836	137 229	75 738	13 711	4 876
Irrigated ---- farms	-	1	-	1	1	-	-
acres	-	(D)	-	(D)	(D)	-	-
Vegetables harvested for sale (see text) --- farms	28	9	7	28	14	-	-
acres	354	66	28	464	67	-	-
Irrigated ---- farms	7	2	-	2	-	-	-
acres	136	(D)	-	(D)	-	-	-
Farms by acres harvested:							
0.1 to 4.9 acres	11	7	5	12	9	-	-
5.0 to 24.9 acres	12	-	2	13	5	-	-
25.0 to 99.9 acres	5	2	-	2	-	-	-
100.0 to 249.9 acres	-	-	-	-	-	-	-
250.0 acres or more	-	-	-	1	-	-	-
Land in orchards ---- farms	15	11	14	22	17	2	1
acres	374	379	192	769	1 845	(D)	(D)
Irrigated ---- farms	2	3	-	-	1	-	-
acres	(D)	2	-	-	(D)	-	-
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres	7	6	11	9	2	-	1
5.0 to 24.9 acres	2	2	1	4	5	2	-
25.0 to 99.9 acres	6	1	2	5	4	-	-
100.0 to 249.9 acres	-	2	-	4	2	-	-
250.0 acres or more	-	-	-	-	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 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	5 877	3	42	194	1 158	992	183
percent	100.0	.1	.7	3.3	19.7	16.9	3.1
Land in farms ..... acres	1 407 868	5 675	40 972	123 955	442 276	275 850	43 399
Average size of farm ..... acres	240	1 892	976	639	382	278	237
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... farms	5 877	3	42	194	1 158	992	183
$1,000	375 537	6 248	31 916	63 488	176 612	72 953	8 157
Average per farm ..... dollars	63 899	2 082 727	759 916	327 256	152 514	73 541	44 574
Farms by value of sales:							
Less than $1,000 (see text)	820	-	-	-	-	-	-
$1,000 to $2,499	703	-	-	-	-	-	-
$2,500 to $4,999	589	-	-	-	-	-	-
$5,000 to $9,999	480	-	-	-	-	-	-
$10,000 to $19,999	347	-	-	-	-	-	-
$20,000 to $24,999	106	-	-	-	-	-	-
$25,000 to $39,999	263	-	-	-	-	-	-
$40,000 to $49,999	183	-	-	-	-	-	183
$50,000 to $99,999	992	-	-	-	-	992	-
$100,000 to $249,999	1 158	-	-	-	1 158	-	-
$250,000 to $499,999	194	-	-	194	-	-	-
$500,000 to $999,999	39	-	39	-	-	-	-
$1,000,000 or more	3	3	3	-	-	-	-
Grains ..... farms	85	-	1	11	27	9	5
$1,000	574	-	(D)	130	180	94	19
Sales of $50,000 or more ..... farms	1	-	-	1	-	-	-
$1,000	(D)	-	-	(D)	-	-	-
Corn for grain ..... farms	55	-	1	7	19	6	4
$1,000	461	-	(D)	107	142	83	16
Wheat ..... farms	15	-	-	1	7	3	-
$1,000	31	-	-	(D)	15	11	-
Soybeans ..... farms	1	-	-	1	-	-	-
$1,000	(D)	-	-	(D)	-	-	-
Sorghum for grain ..... farms	1	-	-	-	1	-	-
$1,000	(D)	-	-	-	(D)	-	-
Barley ..... farms	11	-	-	1	3	-	1
$1,000	34	-	-	(D)	(D)	-	(D)
Oats ..... farms	3	-	-	-	1	-	2
$1,000	(D)	-	-	-	(D)	-	(D)
Other grains ..... farms	7	-	-	1	-	-	-
$1,000	20	-	-	(D)	-	-	-
Cotton and cottonseed ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Tobacco ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Hay, silage, and field seeds ..... farms	1 588	-	7	32	199	155	39
$1,000	8 219	-	188	510	1 509	1 053	518
Sales of $50,000 or more ..... farms	12	-	1	4	2	5	-
$1,000	869	-	(D)	241	(D)	348	-
Vegetables, sweet corn, and melons ..... farms	230	-	2	4	21	19	13
$1,000	2 501	-	(D)	(D)	434	629	203
Sales of $50,000 or more ..... farms	13	-	1	1	5	6	-
$1,000	1 050	-	(D)	(D)	(D)	352	-
Fruits, nuts, and berries ..... farms	198	1	4	7	23	20	8
$1,000	8 513	(D)	2 573	2 092	2 301	793	48
Sales of $50,000 or more ..... farms	33	1	3	6	15	9	-
$1,000	7 512	(D)	(D)	(D)	2 233	653	-
Nursery and greenhouse crops ..... farms	197	-	-	3	27	19	12
$1,000	4 983	-	-	535	2 228	755	330
Sales of $50,000 or more ..... farms	29	-	-	2	17	10	-
$1,000	3 323	-	-	(D)	(D)	642	-
Other crops ..... farms	52	-	1	-	3	4	6
$1,000	397	-	(D)	-	117	87	55
Sales of $50,000 or more ..... farms	2	-	-	-	1	1	-
$1,000	(D)	-	-	-	(D)	(D)	-
Poultry and poultry products ..... farms	371	1	6	4	23	31	9
$1,000	5 224	(D)	3 413	405	885	103	6
Sales of $50,000 or more ..... farms	11	1	4	1	5	1	-
$1,000	4 744	(D)	(D)	(D)	837	(D)	-
Dairy products ..... farms	2 691	1	34	177	1 098	918	136
$1,000	298 527	(D)	23 096	51 704	150 645	61 083	5 417
Sales of $50,000 or more ..... farms	2 104	1	34	177	1 094	799	-
$1,000	281 511	(D)	23 096	51 704	150 483	56 227	-
Cattle and calves ..... farms	3 919	1	35	185	1 119	943	162
$1,000	42 148	(D)	2 348	8 029	17 823	7 309	1 231
Sales of $50,000 or more ..... farms	114	1	17	24	51	22	-
$1,000	13 373	(D)	1 841	4 488	5 625	1 419	-

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	263	106	347	480	589	1 523
percent	4.5	1.8	5.9	8.2	10.0	25.9
Land in farms ..... acres	53 442	20 942	68 366	74 763	87 386	176 517
Average size of farm ..... acres	203	198	197	156	148	116
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD						
Total sales (see text) ..... farms	263	106	347	480	589	1 523
$1,000	8 458	2 375	4 889	3 272	2 078	1 339
Average per farm ..... dollars	32 161	22 405	14 089	6 816	3 528	879
Farms by value of sales:						
Less than $1,000 (see text)	-	-	-	-	-	820
$1,000 to $2,499	-	-	-	-	-	703
$2,500 to $4,999	-	-	-	-	589	-
$5,000 to $9,999	-	-	-	480	-	-
$10,000 to $19,999	-	-	347	-	-	-
$20,000 to $24,999	-	106	-	-	-	-
$25,000 to $39,999	263	-	-	-	-	-
$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	8	5	10	4	1	4
$1,000	20	26	63	9	(D)	(D)
Sales of $50,000 or more ..... farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Corn for grain ..... farms	4	3	5	3	1	2
$1,000	(D)	(D)	51	(D)	(D)	(D)
Wheat ..... farms	-	1	1	1	-	1
$1,000	-	(D)	(D)	(D)	-	(D)
Soybeans ..... farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Sorghum for grain ..... farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Barley ..... farms	1	1	3	1	-	-
$1,000	(D)	(D)	(D)	(D)	-	-
Oats ..... farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Other grains ..... farms	3	-	1	-	-	2
$1,000	10	-	(D)	-	-	(D)
Cotton and cottonseed ..... farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Tobacco ..... farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Hay, silage, and field seeds ..... farms	51	43	168	259	263	372
$1,000	531	392	1 284	1 212	687	336
Sales of $50,000 or more ..... farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Vegetables, sweet corn, and melons ..... farms	30	4	33	34	22	48
$1,000	474	(D)	203	131	49	35
Sales of $50,000 or more ..... farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Fruits, nuts, and berries ..... farms	17	6	18	25	24	46
$1,000	309	135	99	74	51	38
Sales of $50,000 or more ..... farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Nursery and greenhouse crops ..... farms	17	9	33	27	33	17
$1,000	335	172	359	154	96	19
Sales of $50,000 or more ..... farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Other crops ..... farms	7	2	6	3	5	15
$1,000	81	(D)	19	2	(D)	(D)
Sales of $50,000 or more ..... farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Poultry and poultry products ..... farms	17	8	35	44	53	141
$1,000	166	59	78	45	33	30
Sales of $50,000 or more ..... farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Dairy products ..... farms	173	48	62	17	12	16
$1,000	4 846	922	721	76	12	6
Sales of $50,000 or more ..... farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Cattle and calves ..... farms	206	72	194	228	284	491
$1,000	1 339	438	1 341	1 017	761	510
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..	239	-	-	2	18	17	14
$1,000..	660	-	-	(D)	(D)	16	169
Sales of $50,000 or more ..... farms..	-	-	-	-	-	-	-
$1,000..	-	-	-	-	-	-	-
Sheep, lambs, and wool ..... farms..	576	-	2	9	32	27	5
$1,000..	1 354	-	(D)	(D)	111	275	64
Sales of $50,000 or more ..... farms..	4	-	-	-	1	3	-
$1,000..	323	-	-	-	(D)	(D)	-
Other livestock and livestock products (see text) ..... farms..	451	-	-	2	19	35	8
$1,000..	2 438	-	-	(D)	(D)	757	97
Sales of $50,000 or more ..... farms..	13	-	-	-	2	11	-
$1,000..	954	-	-	-	(D)	(D)	-
FARM PRODUCTION EXPENSES[1]							
Total farm production expenses ..... farms..	5 881	3	42	194	1 121	1 039	179
$1,000..	289 945	5 675	26 595	46 391	123 215	58 053	6 768
Average per farm ..... dollars..	49 302	1 891 623	633 210	239 129	109 915	55 874	37 812
Livestock and poultry purchased ..... farms..	2 422	2	30	123	590	509	84
$1,000..	19 702	(D)	1 508	3 576	7 364	3 907	388
Farms with expenses of—							
$1 to $4,999	1 418	-	4	22	171	230	64
$5,000 to $24,999	822	1	9	49	339	264	19
$25,000 to $99,999	173	-	14	48	78	15	1
$100,000 or more	9	1	3	4	2	-	-
Feed for livestock and poultry ..... farms..	4 533	2	39	186	1 082	972	160
$1,000..	89 318	(D)	8 803	14 431	40 102	19 683	1 737
Farms with expenses of—							
$1 to $4,999	1 868	-	-	2	11	20	19
$5,000 to $24,999	1 330	-	-	3	214	694	141
$25,000 to $99,999	1 253	-	4	141	850	258	-
$100,000 or more	62	2	35	40	7	-	-
Commercially mixed formula feeds ..... farms..	3 488	2	39	179	1 079	950	155
$1,000..	69 992	(D)	6 793	10 954	32 343	15 839	1 364
Farms with expenses of—							
$1 to $4,999	1 007	-	-	1	24	69	31
$5,000 to $24,999	1 527	-	1	19	405	774	124
$25,000 to $79,999	866	-	8	114	637	107	-
$80,000 or more	88	2	30	45	13	-	-
Seeds, bulbs, plants, and trees ..... farms..	2 431	1	32	163	871	561	97
$1,000..	2 983	(D)	212	520	1 390	435	81
Farms with expenses of—							
$1 to $999	1 560	-	-	21	414	421	78
$1,000 to $4,999	764	-	12	110	422	127	18
$5,000 to $24,999	103	1	20	32	31	13	1
$25,000 or more	4	-	-	-	4	-	-
Commercial fertilizer ..... farms..	3 425	2	37	177	985	792	131
$1,000..	9 015	(D)	811	1 719	4 112	1 357	178
Farms with expenses of—							
$1 to $4,999	2 910	-	5	50	677	749	129
$5,000 to $24,999	491	-	17	120	307	42	2
$25,000 to $49,999	21	1	13	6	1	1	-
$50,000 or more	3	1	2	1	-	-	-
Agricultural chemicals ..... farms..	2 109	2	31	142	733	446	86
$1,000..	2 816	(D)	426	486	1 236	381	46
Farms with expenses of—							
$1 to $4,999	2 032	-	13	126	699	440	86
$5,000 to $24,999	68	-	14	13	32	6	-
$25,000 to $49,999	5	1	1	3	1	-	-
$50,000 or more	4	1	3	-	1	-	-
Petroleum products ..... farms..	5 470	3	42	187	1 110	1 002	179
$1,000..	10 935	121	684	1 465	4 402	2 124	356
Farms with expenses of—							
$1 to $4,999	4 943	-	1	50	822	946	177
$5,000 to $24,999	520	2	37	135	287	56	2
$25,000 to $49,999	6	-	3	2	1	-	-
$50,000 or more	1	1	1	-	-	-	-
Gasoline and gasohol ..... farms..	4 755	3	39	170	972	854	172
$1,000..	4 765	31	218	488	1 706	1 001	199
Diesel fuel ..... farms..	3 513	3	37	172	1 003	859	148
$1,000..	4 392	85	396	714	2 002	776	108
Natural gas ..... farms..	163	-	3	19	43	22	7
$1,000..	184	-	4	26	62	47	2
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	4 208	3	42	185	1 080	938	167
$1,000..	1 593	5	66	237	632	299	47

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..	6	5	23	35	32	87
$1,000..	82	70	102	60	45	62
Sales of $50,000 or more ..... farms..	-	-	-	-	-	-
$1,000..	-	-	-	-	-	-
Sheep, lambs, and wool ..... farms..	13	6	43	61	106	272
$1,000..	57	68	185	236	170	173
Sales of $50,000 or more ..... farms..	-	-	-	-	-	-
$1,000..	-	-	-	-	-	-
Other livestock and livestock products (see text) ..... farms..	16	10	50	71	81	159
$1,000..	218	60	435	255	168	119
Sales of $50,000 or more ..... farms..	-	-	-	-	-	-
$1,000..	-	-	-	-	-	-
FARM PRODUCTION EXPENSES[1]						
Total farm production expenses ..... farms..	333	129	300	469	599	1 476
$1,000..	7 565	2 660	4 233	4 003	3 914	6 547
Average per farm ..... dollars..	22 717	20 622	14 111	8 536	6 534	4 436
Livestock and poultry purchased ..... farms..	132	56	125	180	216	377
$1,000..	1 130	240	339	387	388	475
Farms with expenses of—						
$1 to $4,999	72	36	103	164	202	350
$5,000 to $24,999	45	20	22	16	12	27
$25,000 to $99,999	15	-	-	-	2	-
$100,000 or more	-	-	-	-	-	-
Feed for livestock and poultry ..... farms..	249	87	187	314	386	871
$1,000..	1 851	618	501	503	429	660
Farms with expenses of—						
$1 to $4,999	79	19	160	302	386	870
$5,000 to $24,999	170	68	27	12	-	1
$25,000 to $99,999	-	-	-	-	-	-
$100,000 or more	-	-	-	-	-	-
Commercially mixed formula feeds ..... farms..	220	85	95	152	165	369
$1,000..	1 525	331	240	247	160	194
Farms with expenses of—						
$1 to $4,999	68	57	80	143	165	369
$5,000 to $24,999	152	28	15	9	-	-
$25,000 to $79,999	-	-	-	-	-	-
$80,000 or more	-	-	-	-	-	-
Seeds, bulbs, plants, and trees ..... farms..	143	55	123	108	114	164
$1,000..	104	67	75	31	35	31
Farms with expenses of—						
$1 to $999	108	45	103	99	113	158
$1,000 to $4,999	35	5	20	9	1	5
$5,000 to $24,999	-	5	-	-	-	1
$25,000 or more	-	-	-	-	-	-
Commercial fertilizer ..... farms..	184	56	205	204	203	451
$1,000..	157	84	209	130	86	170
Farms with expenses of—						
$1 to $4,999	183	54	205	204	203	451
$5,000 to $24,999	1	2	-	-	-	-
$25,000 to $49,999	-	-	-	-	-	-
$50,000 or more	-	-	-	-	-	-
Agricultural chemicals ..... farms..	122	45	111	83	128	182
$1,000..	67	19	71	13	25	46
Farms with expenses of—						
$1 to $4,999	122	44	111	83	128	180
$5,000 to $24,999	-	1	-	-	-	2
$25,000 to $49,999	-	-	-	-	-	-
$50,000 or more	-	-	-	-	-	-
Petroleum products ..... farms..	331	124	277	427	538	1 253
$1,000..	363	170	407	269	264	431
Farms with expenses of—						
$1 to $4,999	331	124	275	426	538	1 253
$5,000 to $24,999	-	-	2	1	-	-
$25,000 to $49,999	-	-	-	-	-	-
$50,000 or more	-	-	-	-	-	-
Gasoline and gasohol ..... farms..	317	107	261	348	421	1 094
$1,000..	223	95	207	166	164	297
Diesel fuel ..... farms..	168	56	198	219	232	421
$1,000..	70	51	85	64	51	77
Natural gas ..... farms..	29	2	13	1	17	7
$1,000..	21	(D)	4	(D)	(D)	2
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	290	81	228	279	320	598
$1,000..	49	(D)	112	(D)	(D)	54

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	4 883	2	40	193	1 117	1 007	176
$1,000	10 851	(D)	677	1 625	4 835	2 324	309
Farms with expenses of—							
$1 to $999	2 173	-	-	3	41	80	31
$1,000 to $4,999	2 108	-	1	31	710	892	144
$5,000 to $24,999	596	-	34	158	366	35	1
$25,000 or more	6	2	5	1	-	-	-
Hired farm labor ..... farms	3 028	3	42	189	931	706	124
$1,000	31 704	1 177	4 285	6 780	13 563	4 655	565
Farms with expenses of—							
$1 to $4,999	1 681	-	-	3	229	383	97
$5,000 to $24,999	1 032	-	5	71	564	303	26
$25,000 to $99,999	289	-	23	107	135	19	1
$100,000 or more	26	3	14	8	3	1	-
Contract labor ..... farms	558	2	9	30	128	83	22
$1,000	1 515	(D)	329	185	451	223	66
Farms with expenses of—							
$1 to $999	296	-	-	3	39	43	6
$1,000 to $4,999	170	-	1	13	56	17	15
$5,000 to $24,999	84	1	3	14	31	22	1
$25,000 or more	8	1	5	-	2	1	-
Repair and maintenance ..... farms	5 045	3	42	191	1 088	983	175
$1,000	20 056	331	1 573	2 915	8 252	4 085	522
Farms with expenses of—							
$1 to $4,999	3 804	-	-	23	379	746	149
$5,000 to $24,999	1 165	-	14	143	692	235	26
$25,000 to $49,999	69	2	23	23	17	2	-
$50,000 or more	7	1	5	2	-	-	-
Customwork, machine hire, and rental of machinery and equipment ..... farms	1 612	2	25	101	537	383	56
$1,000	2 702	(D)	252	431	1 139	456	61
Farms with expenses of—							
$1 to $999	871	-	2	19	235	189	32
$1,000 to $4,999	616	-	6	53	237	188	23
$5,000 to $24,999	119	-	13	28	64	6	1
$25,000 or more	6	2	4	1	1	-	-
Interest expense ..... farms	3 187	3	37	168	947	787	142
$1,000	22 539	608	1 929	3 520	9 782	4 251	646
Farms with expenses of—							
$1 to $4,999	1 850	-	4	23	300	443	97
$5,000 to $24,999	1 185	1	9	89	589	330	45
$25,000 to $99,999	148	1	21	55	58	14	-
$100,000 or more	4	1	3	1	-	-	-
Secured by real estate ..... farms	2 408	3	28	149	749	531	107
$1,000	17 635	(D)	1 515	2 805	7 616	3 127	547
Farms with expenses of—							
$1 to $999	379	-	-	4	27	66	-
$1,000 to $4,999	949	-	1	18	178	229	64
$5,000 to $24,999	967	1	9	85	503	224	43
$25,000 or more	113	2	18	42	41	12	-
Not secured by real estate ..... farms	1 604	1	16	74	504	473	59
$1,000	4 904	(D)	414	715	2 166	1 124	99
Farms with expenses of—							
$1 to $999	621	-	2	6	88	144	13
$1,000 to $4,999	691	-	2	18	259	262	44
$5,000 to $24,999	280	1	6	45	156	67	2
$25,000 or more	12	-	6	5	1	-	-
Cash rent ..... farms	1 777	2	24	130	623	488	107
$1,000	4 688	(D)	289	615	1 912	1 260	228
Farms with expenses of—							
$1 to $4,999	1 515	1	9	89	521	405	89
$5,000 to $9,999	161	-	9	20	55	57	17
$10,000 to $24,999	90	-	2	20	41	26	1
$25,000 or more	11	1	4	1	6	-	-
Property taxes ..... farms	5 552	3	41	189	1 080	924	161
$1,000	14 467	79	621	1 351	4 182	2 491	341
Farms with expenses of—							
$1 to $4,999	4 912	1	4	58	816	851	153
$5,000 to $9,999	513	-	9	95	241	60	2
$10,000 to $24,999	118	-	22	35	22	13	6
$25,000 or more	9	2	6	1	1	-	-
All other farm production expenses ..... farms	5 505	3	42	194	1 120	1 039	178
$1,000	46 654	581	4 196	6 772	20 492	10 422	1 245
Farms with expenses of—							
$1 to $4,999	3 401	-	-	15	159	331	68
$5,000 to $24,999	1 595	1	7	64	686	624	110
$25,000 to $49,999	386	-	7	67	229	83	-
$50,000 or more	123	2	28	48	46	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
FARM PRODUCTION EXPENSES[1] —Con.						
Total farm production expenses—Con.						
Electricity ..... farms	317	100	257	366	468	842
$1,000	342	73	163	154	165	185
Farms with expenses of—						
$1 to $999	164	73	197	333	446	805
$1,000 to $4,999	153	27	60	32	21	37
$5,000 to $24,999	-	-	-	1	1	-
$25,000 or more	-	-	-	-	-	-
Hired farm labor ..... farms	239	43	133	178	188	255
$1,000	832	180	212	228	185	221
Farms with expenses of—						
$1 to $4,999	200	33	125	176	181	254
$5,000 to $24,999	36	10	8	2	6	1
$25,000 to $99,999	3	-	-	-	1	-
$100,000 or more	-	-	-	-	-	-
Contract labor ..... farms	47	26	43	30	35	105
$1,000	67	59	25	31	31	51
Farms with expenses of—						
$1 to $999	16	10	36	18	27	98
$1,000 to $4,999	29	7	7	10	8	7
$5,000 to $24,999	2	9	-	2	-	-
$25,000 or more	-	-	-	-	-	-
Repair and maintenance ..... farms	288	110	239	387	465	1 077
$1,000	440	268	453	426	321	801
Farms with expenses of—						
$1 to $4,999	270	101	226	385	461	1 064
$5,000 to $24,999	17	6	13	2	4	13
$25,000 to $49,999	1	3	-	-	-	-
$50,000 or more	-	-	-	-	-	-
Customwork, machine hire, and rental of machinery and equipment ..... farms	81	19	47	125	79	159
$1,000	70	30	62	71	46	83
Farms with expenses of—						
$1 to $999	61	11	28	104	65	125
$1,000 to $4,999	19	8	14	20	14	34
$5,000 to $24,999	1	-	5	1	-	-
$25,000 or more	-	-	-	-	-	-
Interest expense ..... farms	228	66	111	189	174	338
$1,000	459	235	524	268	363	560
Farms with expenses of—						
$1 to $4,999	208	47	63	180	161	324
$5,000 to $24,999	20	19	48	9	13	14
$25,000 to $99,999	-	-	-	-	-	-
$100,000 or more	-	-	-	-	-	-
Secured by real estate ..... farms	177	51	79	126	157	254
$1,000	354	204	424	230	336	477
Farms with expenses of—						
$1 to $999	69	7	10	46	41	109
$1,000 to $4,999	96	26	24	71	111	131
$5,000 to $24,999	12	18	45	9	5	14
$25,000 or more	-	-	-	-	-	-
Not secured by real estate ..... farms	112	20	65	81	49	151
$1,000	106	31	100	39	27	83
Farms with expenses of—						
$1 to $999	87	15	23	73	40	130
$1,000 to $4,999	25	4	39	8	9	21
$5,000 to $24,999	-	1	3	-	-	-
$25,000 or more	-	-	-	-	-	-
Cash rent ..... farms	76	46	53	78	77	75
$1,000	54	62	74	102	68	25
Farms with expenses of—						
$1 to $4,999	75	45	53	78	77	74
$5,000 to $9,999	1	1	-	-	-	1
$10,000 to $24,999	-	-	-	-	-	-
$25,000 or more	-	-	-	-	-	-
Property taxes ..... farms	322	109	296	436	564	1 430
$1,000	621	181	599	853	1 110	2 117
Farms with expenses of—						
$1 to $4,999	304	102	274	409	535	1 406
$5,000 to $9,999	15	4	20	16	28	23
$10,000 to $24,999	2	3	2	11	1	1
$25,000 or more	1	-	-	-	-	-
All other farm production expenses ..... farms	333	124	300	454	537	1 184
$1,000	1 009	374	520	536	399	690
Farms with expenses of—						
$1 to $4,999	280	110	271	446	537	1 184
$5,000 to $24,999	53	14	29	8	-	-
$25,000 to $49,999	-	-	-	-	-	-
$50,000 or more	-	-	-	-	-	-

See footnotes at end of table.

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

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

Item	All farms	$500,000 or more		$250,000 to $499,999	$100,000 to $249,999	$50,000 to $99,999	$40,000 to $49,999
		$1,000,000 or more	Total				
NET CASH RETURN FROM AGRICULTURAL SALES FOR THE FARM UNIT[1]							
All farms ..... number	5 881	3	42	194	1 121	1 039	179
$1,000	83 417	573	5 322	17 097	45 109	19 021	1 528
Average per farm ..... dollars	14 184	191 104	126 706	88 127	40 240	18 307	8 539
Farms with net gains[2] ..... number	3 313	3	39	187	1 028	911	141
Average net gain ..... dollars	29 987	191 104	139 073	92 211	46 290	22 878	12 696
Gain of—							
Less than $1,000	257	-	-	-	9	22	-
$1,000 to $9,999	872	-	1	6	59	170	63
$10,000 to $49,999	1 558	1	5	40	568	659	78
$50,000 or more	626	2	33	141	392	60	-
Farms with net losses ..... number	2 568	-	3	7	93	128	38
Average net loss ..... dollars	6 204	-	34 059	20 976	26 632	14 226	6 887
Loss of—							
Less than $1,000	367	-	-	1	3	4	5
$1,000 to $9,999	1 813	-	-	3	33	65	27
$10,000 to $49,999	369	-	2	2	47	55	5
$50,000 or more	19	-	1	1	10	4	1
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME							
Government payments ..... farms	633	-	10	52	223	103	18
$1,000	3 882	-	58	343	1 194	653	157
Other farm-related income[1] ..... farms	2 137	-	16	75	448	416	71
$1,000	7 556	-	193	469	1 975	1 054	235
Customwork and other agricultural services ..... farms	419	-	3	18	104	51	18
$1,000	1 163	-	(D)	(D)	264	152	26
Gross cash rent or share payments ..... farms	384	-	1	6	37	60	19
$1,000	850	-	(D)	(D)	127	54	65
Forest products and Christmas trees ..... farms	1 093	-	8	31	159	158	66
$1,000	3 764	-	124	161	734	443	137
Other farm-related income sources ..... farms	845	-	9	51	298	306	3
$1,000	1 779	-	49	176	851	405	7
COMMODITY CREDIT CORPORATION LOANS							
Total ..... farms	26	-	1	3	7	2	3
$1,000	157	-	(D)	32	30	(D)	49
Corn ..... farms	14	-	1	3	7	2	-
$1,000	(D)	-	(D)	32	30	(D)	-
Wheat ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Soybeans ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Sorghum, barley, and oats ..... farms	1	-	-	-	-	-	-
$1,000	(D)	-	-	-	-	-	-
Cotton ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey ..... farms	11	-	-	-	-	-	3
$1,000	78	-	-	-	-	-	49
LAND IN FARMS ACCORDING TO USE							
Total cropland ..... farms	5 506	2	40	186	1 133	960	174
acres	707 970	(D)	27 040	77 567	257 629	146 984	23 291
Harvested cropland ..... farms	5 069	2	39	180	1 113	917	169
acres	488 253	(D)	22 928	60 529	190 974	96 366	15 031
Farms by acres harvested:							
1 to 49 acres	2 204	-	2	4	51	140	42
50 to 99 acres	1 070	-	-	2	162	367	82
100 to 199 acres	1 083	-	-	28	524	319	27
200 to 499 acres	643	1	15	117	364	88	17
500 to 999 acres	63	-	19	27	12	2	1
1,000 to 1,999 acres	5	-	2	2	-	1	-
2,000 acres or more	1	1	1	-	-	-	-
Cropland:							
Pasture or grazing only ..... farms	3 523	2	19	122	786	708	132
acres	188 468	(D)	3 361	14 368	59 908	45 780	6 936
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms	319	-	5	25	69	47	11
acres	7 508	-	(D)	(D)	1 446	847	184
On which all crops failed ..... farms	95	-	1	5	27	18	3
acres	1 608	-	(D)	(D)	538	369	24
In cultivated summer fallow ..... farms	86	-	-	3	28	17	4
acres	1 884	-	-	174	804	325	25
Idle ..... farms	663	-	3	22	118	85	14
acres	20 249	-	456	911	3 959	3 297	1 091
Total woodland ..... farms	4 360	3	32	149	937	773	136
acres	529 115	1 446	8 462	32 531	132 802	100 721	14 259
Woodland pastured ..... farms	1 832	-	11	78	496	415	69
acres	123 624	-	1 983	9 967	37 976	30 602	3 799
Woodland not pastured ..... farms	3 700	3	28	126	787	613	111
acres	405 491	1 446	6 479	22 564	94 826	70 119	10 460

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	333	129	300	469	599	1 476
$1,000	3 014	300	-156	-876	-1 764	-5 177
Average per farm ..... dollars	9 052	2 324	-520	-1 868	-2 945	-3 508
Farms with net gains[2] ..... number	281	90	161	193	169	113
Average net gain ..... dollars	14 015	9 540	5 245	2 715	1 311	675
Gain of—						
Less than $1,000	-	7	11	47	78	83
$1,000 to $9,999	113	50	143	146	91	30
$10,000 to $49,999	168	33	7	-	-	-
$50,000 or more	-	-	-	-	-	-
Farms with net losses ..... number	52	39	139	276	430	1 363
Average net loss ..... dollars	17 766	14 327	7 198	5 073	4 618	3 854
Loss of—						
Less than $1,000	-	-	11	32	74	237
$1,000 to $9,999	27	13	86	219	301	1 039
$10,000 to $49,999	25	26	42	24	54	87
$50,000 or more	-	-	-	1	1	-
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME						
Government payments ..... farms	20	11	38	39	51	68
$1,000	440	81	307	142	349	157
Other farm-related income[1] ..... farms	139	24	117	162	212	457
$1,000	678	78	403	446	1 021	1 004
Customwork and other agricultural services ..... farms	25	6	31	47	77	39
$1,000	273	12	69	93	101	36
Gross cash rent or share payments ..... farms	22	9	11	67	43	109
$1,000	275	23	13	71	63	147
Forest products and Christmas trees ..... farms	81	11	55	79	144	301
$1,000	118	35	276	279	728	728
Other farm-related income sources ..... farms	39	3	24	15	42	55
$1,000	12	9	45	3	129	93
COMMODITY CREDIT CORPORATION LOANS						
Total ..... farms	-	1	4	4	-	1
$1,000	-	(D)	19	(D)	-	(D)
Corn ..... farms	-	-	1	-	-	-
$1,000	-	-	(D)	-	-	-
Wheat ..... farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Soybeans ..... farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Sorghum, barley, and oats ..... farms	-	1	-	-	-	-
$1,000	-	(D)	-	-	-	-
Cotton ..... farms	-	-	-	-	-	-
$1,000	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey ..... farms	-	-	3	4	-	1
$1,000	-	-	(D)	(D)	-	(D)
LAND IN FARMS ACCORDING TO USE						
Total cropland ..... farms	244	102	320	450	540	1 357
acres	26 379	10 383	30 461	31 180	27 450	49 606
Harvested cropland ..... farms	218	99	304	421	485	1 124
acres	15 378	7 657	19 103	19 184	16 820	24 283
Farms by acres harvested:						
1 to 49 acres	100	51	150	261	369	1 034
50 to 99 acres	65	18	88	118	93	75
100 to 199 acres	40	20	55	39	20	11
200 to 499 acres	11	10	11	3	3	4
500 to 999 acres	2	-	-	-	-	-
1,000 to 1,999 acres	-	-	-	-	-	-
2,000 acres or more	-	-	-	-	-	-
Cropland:						
Pasture or grazing only ..... farms	161	59	186	257	293	800
acres	8 549	2 145	9 258	10 272	8 973	18 918
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms	19	10	36	25	27	45
acres	817	196	868	350	356	730
On which all crops failed ..... farms	6	4	1	9	2	19
acres	158	(D)	(D)	(D)	(D)	195
In cultivated summer fallow ..... farms	6	2	6	3	4	13
acres	154	(D)	(D)	(D)	(D)	162
Idle ..... farms	33	9	40	62	71	206
acres	1 323	197	1 171	1 324	1 202	5 318
Total woodland ..... farms	180	75	261	349	420	1 048
acres	20 871	8 019	30 348	34 324	47 101	99 677
Woodland pastured ..... farms	91	32	88	130	115	307
acres	6 164	1 468	3 982	5 571	5 410	16 702
Woodland not pastured ..... farms	147	69	224	308	373	914
acres	14 707	6 551	26 366	28 753	41 691	82 975

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	1 713	1	13	65	404	286	49
acres	103 133	(D)	3 419	9 122	34 415	19 218	3 707
Land in house lots, ponds, roads, wasteland, etc. ..... farms	3 559	1	28	118	712	545	103
acres	67 650	(D)	2 051	4 735	17 430	8 927	2 142
Cropland under federal acreage reduction programs:							
Annual commodity acreage adjustment programs ..... farms	76	-	4	17	36	6	4
acres	1 789	-	232	581	612	54	141
Conservation reserve program ..... farms	19	-	1	1	8	1	-
acres	715	-	(D)	(D)	201	(D)	-
Value of land and buildings[1] ..... farms	5 881	3	42	194	1 121	1 039	179
$1,000	1 521 489	9 545	46 975	124 867	412 005	263 476	49 006
Average per farm ..... dollars	258 713	3 181 667	1 118 452	643 644	367 533	253 586	273 777
Average per acre ..... dollars	1 124	1 682	1 147	1 007	983	1 018	1 286
Farms by value group:							
$1 to $39,999	544	-	-	3	19	14	-
$40,000 to $69,999	361	-	-	-	11	30	16
$70,000 to $99,999	501	-	-	1	13	87	22
$100,000 to $149,999	923	-	-	5	82	212	34
$150,000 to $199,999	772	-	-	4	113	179	48
$200,000 to $499,999	2 021	1	9	64	651	407	34
$500,000 to $999,999	619	-	11	90	194	95	18
$1,000,000 to $1,999,999	116	1	20	25	33	15	7
$2,000,000 to $4,999,999	23	-	1	2	5	-	-
$5,000,000 or more	1	1	1	-	-	-	-
VALUE OF MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ..... farms	5 872	3	42	194	1 120	1 039	179
$1,000	270 641	1 540	9 939	28 025	95 665	60 975	7 530
Farms by value group:							
$1 to $4,999	389	-	-	1	3	28	-
$5,000 to $9,999	1 096	-	-	2	12	1	1
$10,000 to $19,999	887	-	-	4	54	95	30
$20,000 to $49,999	1 424	1	3	10	197	327	87
$50,000 to $99,999	1 256	-	2	36	454	426	44
$100,000 to $199,999	664	-	13	100	339	157	17
$200,000 to $499,999	148	-	20	39	59	5	-
$500,000 or more	8	2	4	2	2	-	-
SELECTED MACHINERY AND EQUIPMENT[1]							
Motortrucks, including pickups ..... farms	4 738	3	42	188	1 021	885	161
number	7 318	21	175	440	1 752	1 407	236
Wheel tractors ..... farms	5 448	3	41	192	1 105	1 035	176
number	15 295	28	332	1 022	4 312	3 144	543
Less than 40 horsepower (PTO) ..... farms	3 505	2	26	101	489	471	91
number	5 911	(D)	70	191	897	920	192
40 horsepower (PTO) or more ..... farms	3 779	3	41	177	1 028	942	168
number	9 384	(D)	262	831	3 415	2 224	351
Grain and bean combines ..... farms	117	-	1	18	43	3	2
number	128	-	(D)	25	47	3	(D)
Cottonpickers and strippers ..... farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Mower conditioners ..... farms	3 255	1	31	158	946	775	151
number	3 706	(D)	55	210	1 108	852	160
Pickup balers ..... farms	3 472	-	24	147	892	763	142
number	3 882	-	39	167	1 011	861	147
AGRICULTURAL CHEMICALS[1]							
Commercial fertilizer ..... farms	3 418	2	37	176	985	786	131
acres on which used	284 133	(D)	17 431	45 159	128 484	50 447	8 136
Lime ..... farms	1 345	1	19	93	446	280	38
acres on which used	43 638	(D)	2 806	6 245	18 995	6 685	996
tons	73 269	(D)	4 359	11 039	29 930	13 165	2 434
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms	560	1	8	43	174	143	25
acres on which used	22 170	(D)	2 610	4 742	8 979	3 337	291
Nematodes in crops ..... farms	68	-	3	12	43	5	-
acres on which used	5 063	-	530	1 299	3 057	62	-
Diseases in crops and orchards ..... farms	238	1	4	8	42	43	6
acres on which used	7 366	(D)	1 346	767	2 884	951	44
Weeds, grass, or brush in crops and pasture ..... farms	1 534	2	28	125	640	350	72
acres on which used	74 766	(D)	7 366	14 702	34 479	10 337	1 496
Chemicals for defoliation or for growth control of crops or thinning of fruit ..... farms	67	1	3	7	26	11	5
acres on which used	3 912	(D)	700	750	1 750	383	5

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	59	30	94	136	165	412
acres	3 348	1 734	4 665	4 211	6 432	12 862
Land in house lots, ponds, roads, wasteland, etc. ..... farms	145	69	214	296	367	962
acres	2 844	806	2 892	5 048	6 403	14 372
Cropland under federal acreage reduction programs:						
Annual commodity acreage adjustment programs ..... farms	2	1	4	1	-	1
acres	(D)	(D)	75	(D)	-	(D)
Conservation reserve program ..... farms	-	-	1	1	2	4
acres	-	-	(D)	(D)	(D)	334
Value of land and buildings[1] ..... farms	333	129	300	469	599	1 476
$1,000	68 270	17 329	76 560	107 712	116 591	238 698
Average per farm ..... dollars	205 015	134 333	255 200	229 663	194 643	161 720
Average per acre ..... dollars	1 130	1 004	1 273	1 630	1 207	1 386
Farms by value group:						
$1 to $39,999	53	25	45	80	65	240
$40,000 to $69,999	18	17	19	52	28	170
$70,000 to $99,999	28	3	13	45	113	176
$100,000 to $149,999	59	47	43	59	99	283
$150,000 to $199,999	47	21	24	69	71	196
$200,000 to $499,999	107	10	108	122	174	335
$500,000 to $999,999	11	6	45	30	46	73
$1,000,000 to $1,999,999	10	-	1	1	2	2
$2,000,000 to $4,999,999	-	-	2	11	1	1
$5,000,000 or more	-	-	-	-	-	-
VALUE OF MACHINERY AND EQUIPMENT[1]						
Estimated market value of all machinery and equipment ..... farms	333	129	300	461	599	1 476
$1,000	12 655	3 977	9 151	12 454	12 832	17 439
Farms by value group:						
$1 to $4,999	11	7	23	52	57	207
$5,000 to $9,999	50	50	31	51	171	727
$10,000 to $19,999	86	17	64	124	108	305
$20,000 to $49,999	110	31	99	157	186	217
$50,000 to $99,999	56	11	76	66	70	15
$100,000 to $199,999	4	11	7	11	-	5
$200,000 to $499,999	16	2	-	-	7	-
$500,000 or more	-	-	-	-	-	-
SELECTED MACHINERY AND EQUIPMENT[1]						
Motortrucks, including pickups ..... farms	293	121	248	346	408	1 025
number	424	174	362	529	666	1 153
Wheel tractors ..... farms	261	106	250	423	535	1 324
number	662	364	650	943	1 168	2 155
Less than 40 horsepower (PTO) ..... farms	200	92	181	309	443	1 102
number	319	213	297	509	736	1 567
40 horsepower (PTO) or more ..... farms	157	62	178	278	263	485
number	343	151	353	434	432	588
Grain and bean combines ..... farms	15	1	9	1	9	15
number	15	(D)	9	(D)	(D)	15
Cottonpickers and strippers ..... farms	-	-	-	-	-	-
number	-	-	-	-	-	-
Mower conditioners ..... farms	168	72	136	228	249	341
number	173	85	151	299	261	352
Pickup balers ..... farms	197	65	172	293	274	503
number	227	77	194	325	318	516
AGRICULTURAL CHEMICALS[1]						
Commercial fertilizer ..... farms	184	56	205	204	203	451
acres on which used	6 711	2 613	7 503	6 077	3 800	7 772
Lime ..... farms	28	18	84	74	81	184
acres on which used	922	242	1 812	1 241	1 318	2 376
tons	857	420	3 092	1 681	2 263	4 029
Sprays, dusts, granules, fumigants, etc., to control—						
Insects on hay and other crops ..... farms	48	7	33	27	18	34
acres on which used	550	62	783	126	379	311
Nematodes in crops ..... farms	-	-	1	2	1	1
acres on which used	-	-	(D)	(D)	(D)	(D)
Diseases in crops and orchards ..... farms	41	5	15	20	9	45
acres on which used	429	68	292	113	23	449
Weeds, grass, or brush in crops and pasture ..... farms	78	30	86	45	38	42
acres on which used	1 559	757	2 671	407	664	328
Chemicals for defoliation or for growth control of crops or thinning of fruit ..... farms	3	1	6	-	2	3
acres on which used	245	(D)	54	-	(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	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	5 877	3	42	194	1 158	992	183
Full owners	3 383	1	16	54	388	396	89
Part owners	2 089	2	25	131	681	485	69
Tenants	405	-	1	9	89	111	25
White	5 856	2	41	194	1 154	992	183
Full owners	3 374	-	15	54	387	396	89
Part owners	2 079	2	25	131	678	485	69
Tenants	403	-	1	9	89	111	25
Black and other races	21	1	1	-	4	-	-
Full owners	9	1	1	-	1	-	-
Part owners	10	-	-	-	3	-	-
Tenants	2	-	-	-	-	-	-
OWNED AND RENTED LAND							
Land owned — farms	5 477	3	41	185	1 069	883	158
acres	1 131 306	4 460	33 385	94 595	323 420	205 378	31 349
Owned land in farms — farms	5 472	3	41	185	1 069	881	158
acres	1 103 362	(D)	32 842	94 205	320 798	202 671	30 748
Land rented or leased from others — farms	2 511	2	27	141	772	598	94
acres	308 393	(D)	(D)	(D)	122 444	73 566	12 876
Rented or leased land in farms — farms	2 494	2	26	140	770	596	94
acres	304 506	(D)	8 130	29 750	121 478	73 179	12 651
Land rented or leased to others — farms	445	-	2	7	44	42	13
acres	31 831	-	(D)	(D)	3 588	3 094	826
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated	5 121	2	38	169	1 055	872	159
Not on farm operated	485	-	2	15	52	77	19
Not reported	271	1	2	10	51	43	5
Operators by principal occupation:							
Farming	3 762	3	42	182	1 105	934	158
Other	2 115	-	-	12	53	58	25
Operators by days of work off farm:							
None	2 854	1	32	143	893	693	124
Any	2 695	1	6	40	202	229	53
1 to 99 days	595	1	4	20	117	111	17
100 to 199 days	502	-	-	6	16	52	14
200 days or more	1 598	-	2	14	69	66	22
Not reported	328	1	4	11	63	70	6
Operators by years on present farm:							
2 years or less	329	-	-	4	62	70	9
3 or 4 years	437	-	1	10	80	91	14
5 to 9 years	1 031	-	4	26	160	181	33
10 years or more	3 345	2	32	132	704	539	107
Average years on present farm	18.1	33.5	24.9	19.8	18.4	17.8	18.7
Not reported	735	1	5	22	152	111	20
Operators by age group:							
Under 25 years	56	-	-	1	14	17	1
25 to 34 years	705	-	2	18	183	168	28
35 to 44 years	1 480	-	8	50	304	275	41
45 to 49 years	701	1	9	26	172	97	16
50 to 54 years	650	1	8	25	156	101	27
55 to 59 years	660	-	5	27	121	115	31
60 to 64 years	595	-	3	21	107	95	15
65 to 69 years	445	1	4	16	55	60	11
70 years and over	585	-	3	10	46	64	13
Average age	50.4	55.0	52.3	50.0	47.2	47.9	49.7
Operators by sex:							
Male	5 302	3	42	188	1 120	948	168
Female	575	-	-	6	38	44	15
Operators of Spanish origin (see text)	24	-	-	1	4	3	1
FARMS BY TYPE OF ORGANIZATION							
Individual or family (sole proprietorship) — farms	5 096	-	18	130	930	843	160
acres	1 126 649	-	14 991	73 592	346 526	230 458	38 156
Partnership — farms	510	-	10	35	167	110	18
acres	170 255	-	6 628	26 395	70 383	35 722	4 380
Corporation:							
Family held — farms	209	3	14	28	50	26	5
acres	86 508	5 675	19 353	(D)	(D)	6 324	863
More than 10 stockholders — farms	3	-	1	2	-	-	-
10 or less stockholders — farms	206	3	13	26	50	26	5
Other than family held — farms	23	-	-	1	4	3	-
acres	10 605	-	-	(D)	(D)	215	-
More than 10 stockholders — farms	1	-	-	-	-	-	-
10 or less stockholders — farms	22	-	-	1	4	3	-
Other—cooperative, estate or trust, institutional, etc. — farms	39	-	-	-	7	10	-
acres	13 851	-	-	-	4 169	3 131	-

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	263	106	347	480	589	1 523
Full owners	170	71	219	339	450	1 191
Part owners	78	28	98	111	109	274
Tenants	15	7	30	30	30	58
White	262	105	347	477	585	1 516
Full owners	169	71	219	338	450	1 186
Part owners	78	27	98	109	105	274
Tenants	15	7	30	30	30	56
Black and other races	1	1	-	3	4	7
Full owners	1	-	-	1	-	5
Part owners	-	1	-	2	4	-
Tenants	-	-	-	-	-	2
OWNED AND RENTED LAND						
Land owned — farms	248	99	318	450	560	1 466
acres	48 346	18 486	57 797	67 905	83 994	166 651
Owned land in farms — farms	248	99	317	450	559	1 465
acres	45 261	18 131	54 974	64 764	78 722	160 246
Land rented or leased from others — farms	93	35	133	143	141	334
acres	8 226	2 811	15 036	10 016	8 764	16 352
Rented or leased land in farms — farms	93	35	128	141	139	332
acres	8 181	2 811	13 392	9 999	8 664	16 271
Land rented or leased to others — farms	22	7	36	61	77	134
acres	3 130	355	4 467	3 158	5 372	6 486
OPERATOR CHARACTERISTICS						
Operators by place of residence:						
On farm operated	232	87	284	410	482	1 333
Not on farm operated	23	12	45	43	73	124
Not reported	8	7	18	27	34	66
Operators by principal occupation:						
Farming	220	77	220	223	208	393
Other	43	29	127	257	381	1 130
Operators by days of work off farm:						
None	131	38	125	152	164	359
Any	117	62	196	301	386	1 103
1 to 99 days	42	25	41	58	46	114
100 to 199 days	25	14	46	69	56	204
200 days or more	50	23	109	174	284	785
Not reported	15	6	26	27	39	61
Operators by years on present farm:						
2 years or less	17	7	24	16	35	85
3 or 4 years	22	11	29	29	38	112
5 to 9 years	41	17	50	116	95	308
10 years or more	143	61	197	260	340	830
Average years on present farm	19.3	19.5	19.0	17.8	18.1	17.4
Not reported	40	10	47	59	81	188
Operators by age group:						
Under 25 years	3	1	-	6	5	8
25 to 34 years	35	9	38	51	46	127
35 to 44 years	63	25	91	114	135	374
45 to 49 years	19	11	48	63	64	176
50 to 54 years	26	13	35	43	63	153
55 to 59 years	28	16	29	43	78	167
60 to 64 years	33	7	37	51	53	173
65 to 69 years	27	8	20	45	64	135
70 years and over	29	16	49	64	81	210
Average age	51.2	52.7	51.4	51.7	53.0	52.7
Operators by sex:						
Male	235	98	306	403	498	1 296
Female	28	8	41	77	91	227
Operators of Spanish origin (see text)	2	1	1	2	2	7
FARMS BY TYPE OF ORGANIZATION						
Individual or family (sole proprietorship) — farms	223	92	303	434	530	1 433
acres	44 082	18 227	58 996	66 153	72 586	162 882
Partnership — farms	25	7	18	32	36	52
acres	5 345	1 886	4 257	4 386	6 032	4 841
Corporation:						
Family held — farms	11	4	17	11	14	29
acres	3 111	826	3 629	2 757	1 678	5 344
More than 10 stockholders — farms	-	-	-	-	-	-
10 or less stockholders — farms	11	4	17	11	14	29
Other than family held — farms	3	1	5	-	4	2
acres	(D)	(D)	469	-	6 492	(D)
More than 10 stockholders — farms	-	-	-	-	-	1
10 or less stockholders — farms	3	1	5	-	4	1
Other—cooperative, estate or trust, institutional, etc. — farms	1	2	4	3	5	7
acres	(D)	(D)	1 015	1 467	(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	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	281	-	1	4	15	19	8
10 to 49 acres	834	-	2	7	25	38	13
50 to 69 acres	287	-	-	-	6	20	3
70 to 99 acres	400	-	-	1	6	25	10
100 to 139 acres	581	-	-	1	29	79	30
140 to 179 acres	532	-	1	1	67	109	19
180 to 219 acres	493	-	-	3	91	131	18
220 to 259 acres	451	-	2	3	110	125	19
260 to 499 acres	1 376	1	3	60	542	345	47
500 to 999 acres	559	1	17	87	244	96	16
1,000 to 1,999 acres	71	-	14	24	22	3	-
2,000 acres or more	12	1	2	3	1	2	-
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)	9	-	-	-	-	1	-
Field crops, except cash grains (013)	818	-	-	-	2	7	10
Cotton (0131)	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	818	-	-	-	2	7	10
Vegetables and melons (016)	104	-	-	-	3	11	4
Fruits and tree nuts (017)	136	1	3	6	13	9	1
Horticultural specialties (018)	137	-	-	2	16	11	7
General farms, primarily crop (019)	214	-	-	-	1	2	2
Livestock, except dairy, poultry, and animal specialties (021)	1 436	-	1	12	32	38	26
Beef cattle, except feedlots (0212)	870	-	1	11	29	29	19
Dairy farms (024)	2 586	1	34	173	1 077	898	130
Poultry and eggs (025)	62	1	4	1	5	1	-
Animal specialties (027)	307	-	-	-	2	11	2
General farms, primarily livestock and animal specialties (029)	68	-	-	-	7	3	1
LIVESTOCK							
Cattle and calves inventory — farms	4 128	1	35	184	1 101	924	159
— number	320 189	(D)	20 182	47 428	139 174	68 448	9 030
Farms with—							
1 to 9	675	-	-	1	3	1	5
10 to 49	1 112	-	-	-	10	127	64
50 to 99	1 168	-	-	4	293	668	78
100 to 199	903	-	-	35	713	124	11
200 to 499	244	-	19	136	81	3	1
500 or more	26	1	16	8	1	1	-
Cows and heifers that had calved — farms	3 715	1	34	176	1 085	906	146
— number	188 772	(D)	12 118	28 452	85 330	42 582	4 701
Beef cows — farms	1 180	-	3	12	77	88	21
— number	9 805	-	23	153	766	1 177	178
Farms with—							
1 to 9	859	-	2	9	51	69	14
10 to 49	305	-	1	2	25	16	7
50 to 99	11	-	-	-	1	1	-
100 to 199	3	-	-	1	-	-	-
200 to 499	2	-	-	-	-	2	-
500 or more	-	-	-	-	-	-	-
Milk cows — farms	2 846	1	34	175	1 074	893	135
— number	178 967	(D)	12 095	28 299	84 564	41 405	4 523
Farms with—							
1 to 4	226	-	-	-	-	1	3
5 to 9	41	-	-	-	-	-	-
10 to 49	978	-	-	1	58	549	117
50 to 99	1 173	-	-	5	792	343	15
100 to 199	353	-	-	130	222	-	-
200 to 499	72	-	31	39	2	-	-
500 or more	3	1	3	-	-	-	-
Heifers and heifer calves — farms	3 388	1	30	154	1 002	858	145
— number	113 021	(D)	7 171	16 260	48 487	23 290	3 500
Steers, steer calves, bulls, and bull calves — farms	2 151	1	20	100	543	400	74
— number	18 396	(D)	893	2 716	5 357	2 576	829
Cattle and calves sold — farms	3 919	1	35	185	1 119	943	162
— number	170 741	(D)	9 918	28 717	75 342	34 439	4 785
— $1,000	42 148	(D)	2 348	8 029	17 823	7 309	1 231
Calves — farms	3 092	1	30	176	1 061	870	138
— number	108 869	(D)	6 680	20 404	49 125	22 571	2 742
— $1,000	11 698	(D)	793	3 472	4 987	1 511	289
Cattle — farms	3 544	1	33	168	1 035	867	140
— number	61 872	(D)	3 238	8 313	26 217	11 868	2 043
— $1,000	30 450	(D)	1 555	4 557	12 836	5 798	942
Fattened on grain and concentrates — farms	372	-	1	11	41	40	9
— number	4 608	-	(D)	(D)	1 655	880	45
— $1,000	2 332	-	(D)	(D)	755	483	23

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	17	9	24	29	42	113
10 to 49 acres	41	13	43	79	89	484
50 to 69 acres	10	5	12	33	48	150
70 to 99 acres	29	3	30	54	76	166
100 to 139 acres	26	19	49	64	104	180
140 to 179 acres	18	10	43	62	73	129
180 to 219 acres	26	10	32	52	36	94
220 to 259 acres	22	7	23	37	40	63
260 to 499 acres	51	24	72	56	69	107
500 to 999 acres	22	6	17	12	10	32
1,000 to 1,999 acres	1	-	1	2	1	3
2,000 acres or more	-	-	1	-	1	2
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION						
Cash grains (011)	-	-	3	1	1	3
Field crops, except cash grains (013)	17	17	91	183	192	299
Cotton (0131)	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	17	17	91	183	192	299
Vegetables and melons (016)	15	1	14	16	14	26
Fruits and tree nuts (017)	9	6	7	10	16	56
Horticultural specialties (018)	11	8	23	22	26	11
General farms, primarily crop (019)	1	1	4	7	1	195
Livestock, except dairy, poultry, and animal specialties (021)	36	22	119	189	278	683
Beef cattle, except feedlots (0212)	27	14	82	113	169	376
Dairy farms (024)	162	46	47	11	3	5
Poultry and eggs (025)	5	3	5	3	6	29
Animal specialties (027)	5	2	29	33	50	173
General farms, primarily livestock and animal specialties (029)	2	-	5	5	2	43
LIVESTOCK						
Cattle and calves inventory — farms	203	70	189	232	303	728
— number	9 174	3 072	6 124	5 447	5 357	6 753
Farms with—						
1 to 9	9	3	25	55	101	472
10 to 49	125	50	134	156	192	254
50 to 99	62	11	24	16	10	2
100 to 199	7	5	3	5	-	-
200 to 499	-	1	3	-	-	-
500 or more	-	-	-	-	-	-
Cows and heifers that had calved — farms	183	62	131	166	240	586
— number	5 025	1 626	2 190	1 855	1 899	2 994
Beef cows — farms	36	23	76	136	208	500
— number	361	402	952	1 438	1 721	2 634
Farms with—						
1 to 9	19	12	41	80	139	423
10 to 49	17	7	31	53	69	77
50 to 99	-	4	4	1	-	-
100 to 199	-	-	-	2	-	-
200 to 499	-	-	-	-	-	-
500 or more	-	-	-	-	-	-
Milk cows — farms	167	49	67	46	58	148
— number	4 664	1 224	1 238	417	178	360
Farms with—						
1 to 4	5	1	11	27	48	130
5 to 9	1	2	7	6	8	17
10 to 49	149	43	45	13	2	1
50 to 99	12	2	4	-	-	-
100 to 199	-	1	-	-	-	-
200 to 499	-	-	-	-	-	-
500 or more	-	-	-	-	-	-
Heifers and heifer calves — farms	179	59	157	185	209	410
— number	3 355	1 156	2 800	2 424	2 225	2 353
Steers, steer calves, bulls, and bull calves — farms	96	38	116	153	202	409
— number	794	290	1 134	1 168	1 233	1 406
Cattle and calves sold — farms	206	72	194	228	284	491
— number	4 851	1 432	3 753	2 937	2 505	2 062
— $1,000	1 339	438	1 341	1 017	761	510
Calves — farms	160	54	103	117	134	249
— number	2 306	603	1 288	1 092	975	1 083
— $1,000	132	41	141	114	109	108
Cattle — farms	179	67	177	217	266	395
— number	2 545	829	2 465	1 845	1 530	979
— $1,000	1 208	397	1 201	902	652	403
Fattened on grain and concentrates — farms	7	8	23	60	79	93
— number	152	64	256	324	342	214
— $1,000	76	48	129	188	139	90

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				
LIVESTOCK—Con.							
Hogs and pigs inventory ..... farms	370	-	-	7	43	45	18
number	5 133	-	-	30	277	177	1 354
Farms with—							
1 to 24	345	-	-	7	40	44	14
25 to 49	10	-	-	-	3	1	-
50 to 99	3	-	-	-	-	-	-
100 to 199	4	-	-	-	-	-	-
200 to 499	8	-	-	-	-	-	4
500 or more	-	-	-	-	-	-	-
Used or to be used for breeding ..... farms	154	-	-	4	18	14	11
number	1 049	-	-	8	88	31	205
Other ..... farms	320	-	-	6	39	39	15
number	4 084	-	-	22	189	146	1 149
Hogs and pigs sold ..... farms	239	-	-	2	18	17	14
number	7 595	-	-	(D)	(D)	215	1 971
$1,000	660	-	-	(D)	(D)	16	169
Feeder pigs ..... farms	68	-	-	-	3	6	8
number	3 598	-	-	-	194	132	750
$1,000	146	-	-	-	7	4	36
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 ..... farms	161	-	-	4	18	18	12
number	1 327	-	-	8	92	47	311
Dec. 1 and May 31 ..... farms	148	-	-	4	17	14	10
number	701	-	-	4	56	27	145
June 1 and Nov. 30 ..... farms	113	-	-	3	12	11	11
number	626	-	-	4	36	20	166
Sheep and lambs of all ages inventory ..... farms	605	-	2	11	39	32	7
number	20 456	-	(D)	(D)	859	2 504	616
Ewes 1 year old or older ..... farms	542	-	2	8	32	25	6
number	12 824	-	(D)	145	486	899	(D)
Sheep and lambs sold ..... farms	515	-	1	7	25	23	5
number	19 348	-	(D)	(D)	1 728	3 477	569
Sheep and lambs shorn ..... farms	523	-	2	7	26	25	4
number	18 312	-	(D)	(D)	634	2 758	760
pounds of wool	131 750	-	(D)	(D)	5 861	19 734	5 200
Horses and ponies inventory ..... farms	1 427	-	3	19	159	168	29
number	7 588	-	24	76	900	848	141
Horses and ponies sold ..... farms	265	-	-	2	13	27	4
number	887	-	-	(D)	(D)	139	8
Goats inventory ..... farms	147	-	-	2	8	17	1
number	971	-	-	(D)	17	78	(D)
Goats sold ..... farms	41	-	-	-	1	2	1
number	427	-	-	-	(D)	(D)	(D)
POULTRY							
Chickens 3 months old or older inventory ..... farms	649	1	6	10	56	59	18
number	405 869	(D)	267 063	35 194	80 076	4 332	791
Farms with—							
1 to 399	632	-	2	9	50	58	17
400 to 3,199	8	-	-	-	2	1	1
3,200 to 9,999	1	-	-	-	1	-	-
10,000 to 19,999	1	-	-	-	1	-	-
20,000 to 49,999	5	-	2	1	2	-	-
50,000 to 99,999	1	-	1	-	-	-	-
100,000 or more	1	1	1	-	-	-	-
Hens and pullets of laying age ..... farms	645	1	6	10	54	57	18
number	358 595	(D)	(D)	(D)	63 029	4 241	776
Pullets 3 months old or older not of laying age ..... farms	76	-	2	2	5	6	3
number	47 274	-	(D)	(D)	17 047	91	15
Hens and pullets sold ..... farms	137	1	4	2	12	10	6
number	357 585	(D)	264 000	(D)	57 192	2 143	70
Broilers and other meat-type chickens sold ..... farms	53	-	-	-	1	-	1
number	5 231	-	-	-	(D)	-	(D)
Farms with—							
1 to 1,999	53	-	-	-	1	-	1
2,000 to 59,999	-	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	-	-
Turkey hens kept for breeding ..... farms	10	-	-	-	-	-	-
number	136	-	-	-	-	-	-
Turkeys sold ..... farms	99	-	1	2	6	14	2
number	17 982	-	(D)	(D)	352	187	(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
LIVESTOCK—Con.						
Hogs and pigs inventory ..... farms	15	10	27	45	42	118
..... number	647	863	545	221	263	756
Farms with—						
1 to 24	12	6	22	45	41	114
25 to 49	-	1	2	-	1	2
50 to 99	-	-	1	-	-	2
100 to 199	2	-	2	-	-	-
200 to 499	1	3	-	-	-	-
500 or more	-	-	-	-	-	-
Used or to be used for breeding ..... farms	10	4	17	15	21	40
..... number	132	126	149	65	86	159
Other ..... farms	11	10	20	38	39	103
..... number	515	737	396	156	177	597
Hogs and pigs sold ..... farms	6	5	23	35	32	87
..... number	988	1 044	907	792	510	624
..... $1,000	82	70	102	60	45	62
Feeder pigs ..... farms	2	3	6	10	9	21
..... number	(D)	(D)	335	491	272	309
..... $1,000	(D)	(D)	15	15	10	11
Litters of pigs farrowed between—						
Dec. 1 of preceding year and Nov. 30 ..... farms	10	4	17	16	21	41
..... number	195	186	166	102	89	131
Dec. 1 and May 31 ..... farms	10	4	16	15	20	38
..... number	101	92	91	63	48	74
June 1 and Nov. 30 ..... farms	5	4	16	11	18	22
..... number	94	94	75	39	41	57
Sheep and lambs of all ages inventory ..... farms	12	7	43	63	101	288
..... number	467	1 651	2 813	3 083	3 021	5 227
Ewes 1 year old or older ..... farms	11	7	40	58	98	255
..... number	(D)	1 025	2 009	1 925	1 957	3 427
Sheep and lambs sold ..... farms	9	5	39	54	100	247
..... number	859	714	2 414	3 202	2 740	3 418
Sheep and lambs shorn ..... farms	12	6	43	56	98	244
..... number	503	1 213	2 360	2 817	3 023	4 031
..... pounds of wool	3 875	6 921	18 947	18 560	22 365	28 997
Horses and ponies inventory ..... farms	40	23	91	137	158	600
..... number	211	80	689	880	777	2 962
Horses and ponies sold ..... farms	9	6	32	48	52	72
..... number	69	12	171	134	93	119
Goats inventory ..... farms	4	1	8	9	19	78
..... number	114	(D)	167	78	99	399
Goats sold ..... farms	-	-	3	6	4	24
..... number	-	-	107	51	36	178
POULTRY						
Chickens 3 months old or older inventory ..... farms	33	6	40	64	82	275
..... number	3 835	215	3 723	2 563	2 579	5 498
Farms with—						
1 to 399	32	6	38	63	82	275
400 to 3,199	1	-	2	1	-	-
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	33	6	40	64	82	275
..... number	3 835	(D)	3 129	2 454	2 510	5 192
Pullets 3 months old or older not of laying age ..... farms	-	1	9	9	5	34
..... number	-	(D)	594	109	69	306
Hens and pullets sold ..... farms	5	1	13	13	13	58
..... number	1 211	(D)	1 116	596	216	998
Broilers and other meat-type chickens sold ..... farms	-	1	6	7	11	26
..... number	-	(D)	1 875	518	600	1 478
Farms with—						
1 to 1,999	-	1	6	7	11	26
2,000 to 59,999	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	-
Turkey hens kept for breeding ..... farms	-	1	-	2	-	7
..... number	-	(D)	-	(D)	-	(D)
Turkeys sold ..... farms	4	3	11	10	16	30
..... number	4 264	6 800	1 995	2 393	809	573

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							
Corn for silage or green chop ---- farms	1 481	1	27	134	712	384	54
acres	70 258	(D)	7 345	12 800	35 303	10 229	1 398
tons, green	1 154 813	(D)	144 809	222 350	571 457	153 895	19 980
Irrigated ---- farms	9	-	-	1	4	2	-
acres	290	-	-	(D)	199	(D)	-
Farms by acres harvested:							
1 to 24 acres	511	-	-	8	145	198	34
25 to 99 acres	814	-	4	66	501	182	19
100 to 249 acres	141	-	12	57	65	4	1
250 to 499 acres	11	-	8	2	1	-	-
500 acres or more	4	1	3	1	-	-	-
Irish potatoes ---- farms	57	-	-	-	7	6	5
acres	162	-	-	-	74	44	9
cwt	36 988	-	-	-	17 663	12 180	1 680
Irrigated ---- farms	1	-	-	-	-	-	-
acres	(D)	-	-	-	-	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ---- farms	4 640	1	34	172	1 064	869	156
acres	432 881	(D)	14 287	48 018	166 514	91 567	14 265
tons, dry	869 548	(D)	32 293	112 627	362 192	174 580	28 929
Irrigated ---- farms	13	-	-	-	2	5	-
acres	371	-	-	-	(D)	148	-
Farms by acres harvested:							
1 to 24 acres	1 003	-	1	4	17	29	13
25 to 99 acres	2 028	-	2	13	264	466	97
100 to 249 acres	1 281	-	8	66	630	339	37
250 to 499 acres	286	-	11	72	143	33	8
500 acres or more	42	1	12	17	10	2	1
Tame hay other than alfalfa, small grain, and wild hay (see text) ---- farms	3 115	-	19	76	708	649	116
acres	184 780	-	3 877	8 332	59 650	45 562	7 119
tons, dry	365 497	-	9 956	19 104	134 417	91 390	14 058
Irrigated ---- farms	8	-	-	-	2	2	-
acres	158	-	-	-	(D)	(D)	-
Vegetables harvested for sale (see text) ---- farms	230	-	2	4	21	19	13
acres	2 038	-	(D)	(D)	387	374	165
Irrigated ---- farms	43	-	1	-	4	7	4
acres	365	-	(D)	-	61	91	35
Farms by acres harvested:							
0.1 to 4.9 acres	134	-	-	2	9	2	4
5.0 to 24.9 acres	80	-	1	2	7	12	8
25.0 to 99.9 acres	15	-	-	-	5	5	1
100.0 to 249.9 acres	-	-	-	-	-	-	-
250.0 acres or more	1	-	1	-	-	-	-
Land in orchards ---- farms	221	1	3	6	16	17	3
acres	4 797	(D)	1 036	932	1 184	360	14
Irrigated ---- farms	15	-	1	-	1	2	-
acres	304	-	(D)	-	(D)	(D)	-
Farms by bearing and nonbearing acres:							
0.1 to 4.9 acres	125	-	-	-	1	7	2
5.0 to 24.9 acres	54	-	-	-	3	4	1
25.0 to 99.9 acres	30	-	-	1	9	5	-
100.0 to 249.9 acres	8	-	-	4	3	1	-
250.0 acres or more	4	1	3	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						
Corn for silage or green chop ---- farms	47	14	40	21	26	22
acres	1 034	294	968	240	295	352
tons, green	14 155	4 280	11 777	3 068	3 555	5 487
Irrigated ---- farms	2	-	-	-	-	-
acres	(D)	-	-	-	-	-
Farms by acres harvested:						
1 to 24 acres	31	9	23	20	24	19
25 to 99 acres	16	5	16	1	2	2
100 to 249 acres	-	-	1	-	-	1
250 to 499 acres	-	-	-	-	-	-
500 acres or more	-	-	-	-	-	-
Irish potatoes ---- farms	5	1	7	2	8	16
acres	7	(D)	7	(D)	(D)	15
cwt	1 540	(D)	1 318	(D)	(D)	1 427
Irrigated ---- farms	-	-	-	-	1	-
acres	-	-	-	-	(D)	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) -- farms	185	85	260	369	431	1 015
acres	13 942	7 279	17 935	18 769	16 490	23 815
tons, dry	26 625	12 997	33 416	32 020	25 041	28 828
Irrigated ---- farms	2	-	1	1	1	1
acres	(D)	-	(D)	(D)	(D)	(D)
Farms by acres harvested:						
1 to 24 acres	28	8	42	80	138	643
25 to 99 acres	109	47	158	247	268	357
100 to 249 acres	41	27	54	41	24	14
250 to 499 acres	7	3	6	1	1	1
500 acres or more	-	-	-	-	-	-
Tame hay other than alfalfa, small grain, and wild hay (see text) ---- farms	145	66	191	268	301	576
acres	8 688	4 146	11 512	11 610	11 728	12 556
tons, dry	16 580	6 882	20 751	19 585	17 253	15 521
Irrigated ---- farms	1	-	1	1	1	-
acres	(D)	-	(D)	(D)	(D)	-
Vegetables harvested for sale (see text) --- farms	30	4	33	34	22	48
acres	325	18	199	129	56	72
Irrigated ---- farms	8	1	5	6	6	1
acres	30	(D)	30	22	13	(D)
Farms by acres harvested:						
0.1 to 4.9 acres	10	3	17	23	19	45
5.0 to 24.9 acres	17	1	15	11	3	3
25.0 to 99.9 acres	3	-	1	-	-	-
100.0 to 249.9 acres	-	-	-	-	-	-
250.0 acres or more	-	-	-	-	-	-
Land in orchards ---- farms	15	7	15	25	31	83
acres	279	131	126	94	242	399
Irrigated ---- farms	1	1	3	1	1	4
acres	(D)	(D)	3	(D)	(D)	11
Farms by bearing and nonbearing acres:						
0.1 to 4.9 acres	7	2	8	16	21	61
5.0 to 24.9 acres	3	2	6	9	5	21
25.0 to 99.9 acres	5	3	1	-	5	1
100.0 to 249.9 acres	-	-	-	-	-	-
250.0 acres or more	-	-	-	-	-	-

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

Table 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	5 877	9	818	-	-	818	104	136
..... percent	100.0	.2	13.9	-	-	13.9	1.8	2.3
Land in farms ..... acres	1 407 868	2 527	158 605	-	-	158 605	8 235	21 912
Average size of farm ..... acres	240	281	194	-	-	194	79	161
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms	5 877	9	818	-	-	818	104	136
..... $1,000	375 537	113	5 610	-	-	5 610	2 184	8 205
Average per farm ..... dollars	63 899	12 587	6 859	-	-	6 859	21 001	60 332
Farms by value of sales:								
Less than $1,000 (see text)	820	1	120	-	-	120	4	36
$1,000 to $2,499	703	2	179	-	-	179	22	20
$2,500 to $4,999	589	1	192	-	-	192	14	16
$5,000 to $9,999	480	1	183	-	-	183	16	10
$10,000 to $19,999	347	3	91	-	-	91	14	7
$20,000 to $24,999	106	-	17	-	-	17	1	6
$25,000 to $39,999	263	-	17	-	-	17	15	9
$40,000 to $49,999	183	-	10	-	-	10	4	1
$50,000 to $99,999	992	1	7	-	-	7	11	9
$100,000 to $249,999	1 158	-	2	-	-	2	3	13
$250,000 to $499,999	194	-	-	-	-	-	-	6
$500,000 to $999,999	39	-	-	-	-	-	-	2
$1,000,000 or more	3	-	-	-	-	-	-	1
Grains ..... farms	85	9	17	-	-	17	1	1
..... $1,000	574	100	56	-	-	56	(D)	(D)
Sales of $50,000 or more ..... farms	1	-	-	-	-	-	-	-
..... $1,000	(D)	-	-	-	-	-	-	-
Corn for grain ..... farms	55	8	7	-	-	7	1	-
..... $1,000	461	(D)	30	-	-	30	(D)	-
Wheat ..... farms	15	-	3	-	-	3	-	-
..... $1,000	31	-	(D)	-	-	(D)	-	-
Soybeans ..... farms	1	-	-	-	-	-	-	-
..... $1,000	(D)	-	-	-	-	-	-	-
Sorghum for grain ..... farms	1	-	-	-	-	-	-	-
..... $1,000	(D)	-	-	-	-	-	-	-
Barley ..... farms	11	-	5	-	-	5	-	-
..... $1,000	34	-	20	-	-	20	-	-
Oats ..... farms	3	-	1	-	-	1	-	-
..... $1,000	(D)	-	(D)	-	-	(D)	-	-
Other grains ..... farms	7	1	3	-	-	3	-	1
..... $1,000	20	(D)	3	-	-	3	-	(D)
Cotton and cottonseed ..... farms	-	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-	-
Tobacco ..... farms	-	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-	-
..... $1,000	-	-	-	-	-	-	-	-
Hay, silage, and field seeds ..... farms	1 588	4	810	-	-	810	14	11
..... $1,000	8 219	(D)	4 616	-	-	4 616	(D)	59
Sales of $50,000 or more ..... farms	12	-	6	-	-	6	-	-
..... $1,000	869	-	438	-	-	438	-	-
Vegetables, sweet corn, and melons ..... farms	230	1	23	-	-	23	104	13
..... $1,000	2 501	(D)	43	-	-	43	1 721	29
Sales of $50,000 or more ..... farms	13	-	-	-	-	-	9	-
..... $1,000	1 050	-	-	-	-	-	609	-
Fruits, nuts, and berries ..... farms	198	-	7	-	-	7	32	106
..... $1,000	8 513	-	2	-	-	2	185	8 072
Sales of $50,000 or more ..... farms	33	-	-	-	-	-	-	31
..... $1,000	7 512	-	-	-	-	-	-	(D)
Nursery and greenhouse crops ..... farms	197	-	6	-	-	6	25	5
..... $1,000	4 983	-	23	-	-	23	173	(D)
Sales of $50,000 or more ..... farms	29	-	-	-	-	-	-	-
..... $1,000	3 323	-	-	-	-	-	-	-
Other crops ..... farms	52	-	20	-	-	20	14	-
..... $1,000	397	-	326	-	-	326	21	-
Sales of $50,000 or more ..... farms	2	-	2	-	-	2	-	-
..... $1,000	(D)	-	(D)	-	-	(D)	-	-
Poultry and poultry products ..... farms	371	-	36	-	-	36	14	8
..... $1,000	5 224	-	5	-	-	5	(D)	2
Sales of $50,000 or more ..... farms	11	-	-	-	-	-	-	-
..... $1,000	4 744	-	-	-	-	-	-	-
Dairy products ..... farms	2 691	-	4	-	-	4	3	-
..... $1,000	298 527	-	14	-	-	14	1	-
Sales of $50,000 or more ..... farms	2 104	-	-	-	-	-	-	-
..... $1,000	281 511	-	-	-	-	-	-	-
Cattle and calves ..... farms	3 919	2	155	-	-	155	12	5
..... $1,000	42 148	(D)	360	-	-	360	30	11
Sales of $50,000 or more ..... farms	114	-	-	-	-	-	-	-
..... $1,000	13 373	-	-	-	-	-	-	-

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	137	214	1 436	870	2 586	62	307	68
percent	2.3	3.6	24.4	14.8	44.0	1.1	5.2	1.2
Land in farms ..... acres	4 581	29 558	213 325	135 358	914 312	6 198	28 212	20 403
Average size of farm ..... acres	33	138	149	156	354	100	92	300
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms	137	214	1 436	870	2 586	62	307	68
$1,000	4 840	590	19 891	15 938	324 961	5 389	2 120	1 633
Average per farm ..... dollars	35 327	2 756	13 852	18 320	125 662	86 918	6 906	24 014
Farms by value of sales:								
Less than $1,000 (see text)	1	192	295	163	3	24	111	33
$1,000 to $2,499	10	3	388	213	2	5	62	10
$2,500 to $4,999	26	1	278	169	3	6	50	2
$5,000 to $9,999	22	7	189	113	11	3	33	5
$10,000 to $19,999	23	4	119	82	47	5	29	5
$20,000 to $24,999	8	1	22	14	46	3	2	-
$25,000 to $39,999	11	1	36	27	162	5	5	2
$40,000 to $49,999	7	2	26	19	130	-	2	1
$50,000 to $99,999	11	2	38	29	898	1	11	3
$100,000 to $249,999	16	1	32	29	1 077	5	2	7
$250,000 to $499,999	2	-	12	11	173	1	-	-
$500,000 to $999,999	-	-	1	1	33	3	-	-
$1,000,000 or more	-	-	-	-	1	1	-	-
Grains ..... farms	-	5	4	2	43	1	1	3
$1,000	-	(D)	20	(D)	304	(D)	(D)	37
Sales of $50,000 or more ..... farms	-	-	-	-	1	-	-	-
$1,000	-	-	-	-	(D)	-	-	-
Corn for grain ..... farms	-	3	2	-	29	1	1	3
$1,000	-	28	(D)	-	255	(D)	(D)	37
Wheat ..... farms	-	-	2	2	10	-	-	-
$1,000	-	-	(D)	(D)	20	-	-	-
Soybeans ..... farms	-	-	-	-	1	-	-	-
$1,000	-	-	-	-	(D)	-	-	-
Sorghum for grain ..... farms	-	-	-	-	1	-	-	-
$1,000	-	-	-	-	(D)	-	-	-
Barley ..... farms	-	2	-	-	4	-	-	-
$1,000	-	(D)	-	-	(D)	-	-	-
Oats ..... farms	-	-	2	-	-	-	-	-
$1,000	-	-	(D)	-	-	-	-	-
Other grains ..... farms	-	1	-	-	1	-	-	-
$1,000	-	(D)	-	-	(D)	-	-	-
Cotton and cottonseed ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Tobacco ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Hay, silage, and field seeds ..... farms	3	17	286	183	390	8	20	25
$1,000	10	89	657	452	2 425	17	21	289
Sales of $50,000 or more ..... farms	-	-	-	-	5	-	-	1
$1,000	-	-	-	-	(D)	-	-	(D)
Vegetables, sweet corn, and melons ..... farms	13	15	22	8	25	4	2	8
$1,000	173	169	30	3	57	261	(D)	16
Sales of $50,000 or more ..... farms	2	1	-	-	-	1	-	-
$1,000	(D)	(D)	-	-	-	(D)	-	-
Fruits, nuts, and berries ..... farms	11	13	13	6	11	1	2	2
$1,000	36	106	8	5	76	(D)	(D)	(D)
Sales of $50,000 or more ..... farms	-	1	-	-	1	-	-	-
$1,000	-	(D)	-	-	(D)	-	-	-
Nursery and greenhouse crops ..... farms	137	8	6	2	9	-	-	1
$1,000	4 590	111	8	(D)	66	-	-	(D)
Sales of $50,000 or more ..... farms	28	1	-	-	-	-	-	-
$1,000	(D)	(D)	-	-	-	-	-	-
Other crops ..... farms	3	5	4	1	4	1	1	-
$1,000	16	(D)	(Z)	(D)	11	(D)	(D)	-
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Poultry and poultry products ..... farms	2	6	143	58	71	61	12	18
$1,000	(D)	(D)	49	16	76	5 056	1	22
Sales of $50,000 or more ..... farms	-	-	-	-	-	11	-	-
$1,000	-	-	-	-	-	4 744	-	-
Dairy products ..... farms	1	-	76	59	2 585	-	2	20
$1,000	(D)	-	1 993	1 847	295 847	-	(D)	664
Sales of $50,000 or more ..... farms	-	-	15	14	2 083	-	-	6
$1,000	-	-	1 107	(D)	279 902	-	-	502
Cattle and calves ..... farms	2	11	1 099	839	2 579	6	22	26
$1,000	(D)	40	15 162	13 513	25 930	10	25	576
Sales of $50,000 or more ..... farms	-	-	66	60	44	-	-	4
$1,000	-	-	9 691	8 925	3 368	-	-	315

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): Total	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)
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.								
Total sales (see text)—Con.								
Hogs and pigs ..... farms..	239	-	16	-	-	16	6	-
$1,000..	660	-	19	-	-	19	14	-
Sales of $50,000 or more ..... farms..	-	-	-	-	-	-	-	-
$1,000..	-	-	-	-	-	-	-	-
Sheep, lambs, and wool ..... farms..	576	3	69	-	-	69	8	6
$1,000..	1 354	(D)	69	-	-	69	(D)	14
Sales of $50,000 or more ..... farms..	4	-	-	-	-	-	-	-
$1,000..	323	-	-	-	-	-	-	-
Other livestock and livestock products (see text) ..... farms..	451	-	38	-	-	38	11	9
$1,000..	2 436	-	78	-	-	78	3	1
Sales of $50,000 or more ..... farms..	13	-	-	-	-	-	-	-
$1,000..	954	-	-	-	-	-	-	-
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses ..... farms..	5 881	11	717	-	-	717	106	107
$1,000..	289 945	189	6 530	-	-	6 530	1 822	6 150
Average per farm ..... dollars..	49 302	17 179	9 107	-	-	9 107	17 188	57 476
Livestock and poultry purchased ..... farms..	2 422	7	102	-	-	102	26	7
$1,000..	19 702	10	242	-	-	242	22	1
Farms with expenses of—								
$1 to $4,999	1 418	7	91	-	-	91	26	7
$5,000 to $24,999	822	-	10	-	-	10	-	-
$25,000 to $99,999	173	-	1	-	-	1	-	-
$100,000 or more	9	-	-	-	-	-	-	-
Feed for livestock and poultry ..... farms..	4 533	-	180	-	-	180	39	9
$1,000..	89 318	-	123	-	-	123	29	5
Farms with expenses of—								
$1 to $4,999	1 868	-	177	-	-	177	39	9
$5,000 to $24,999	1 330	-	3	-	-	3	-	-
$25,000 to $99,999	1 253	-	-	-	-	-	-	-
$100,000 or more	82	-	-	-	-	-	-	-
Commercially mixed formula feeds ..... farms..	3 488	-	64	-	-	64	20	7
$1,000..	69 992	-	27	-	-	27	18	4
Farms with expenses of—								
$1 to $4,999	1 007	-	64	-	-	64	20	7
$5,000 to $24,999	1 527	-	-	-	-	-	-	-
$25,000 to $79,999	866	-	-	-	-	-	-	-
$80,000 or more	88	-	-	-	-	-	-	-
Seeds, bulbs, plants, and trees ..... farms..	2 431	11	166	-	-	166	103	41
$1,000..	2 983	6	118	-	-	118	102	70
Farms with expenses of—								
$1 to $999	1 560	9	143	-	-	143	66	25
$1,000 to $4,999	764	2	22	-	-	22	36	13
$5,000 to $24,999	103	-	1	-	-	1	1	2
$25,000 or more	4	-	-	-	-	-	-	1
Commercial fertilizer ..... farms..	3 425	11	346	-	-	346	81	77
$1,000..	9 015	21	353	-	-	353	81	108
Farms with expenses of—								
$1 to $4,999	2 910	10	340	-	-	340	77	72
$5,000 to $24,999	491	1	5	-	-	5	4	4
$25,000 to $49,999	21	-	1	-	-	1	-	1
$50,000 or more	3	-	-	-	-	-	-	-
Agricultural chemicals ..... farms..	2 109	10	152	-	-	152	63	83
$1,000..	2 816	8	122	-	-	122	52	718
Farms with expenses of—								
$1 to $4,999	2 032	9	151	-	-	151	63	57
$5,000 to $24,999	68	1	1	-	-	1	-	20
$25,000 to $49,999	5	-	-	-	-	-	-	2
$50,000 or more	4	-	-	-	-	-	-	4
Petroleum products ..... farms..	5 470	11	666	-	-	666	106	96
$1,000..	10 935	12	547	-	-	547	116	211
Farms with expenses of—								
$1 to $4,999	4 943	11	659	-	-	659	104	81
$5,000 to $24,999	520	-	7	-	-	7	2	15
$25,000 to $49,999	6	-	-	-	-	-	-	-
$50,000 or more	1	-	-	-	-	-	-	-
Gasoline and gasohol ..... farms..	4 755	8	559	-	-	559	105	74
$1,000..	4 765	5	290	-	-	290	53	105
Diesel fuel ..... farms..	3 513	4	337	-	-	337	75	59
$1,000..	4 392	6	156	-	-	156	30	72
Natural gas ..... farms..	163	-	24	-	-	24	3	9
$1,000..	184	-	16	-	-	16	6	2
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms..	4 208	11	445	-	-	445	62	60
$1,000..	1 593	1	86	-	-	86	27	32

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	-	3	160	30	37	2	4	11
$1,000	-	5	548	38	57	(D)	(D)	12
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Sheep, lambs, and wool ..... farms	3	5	381	57	64	7	20	10
$1,000	(Z)	9	1 215	19	21	2	14	6
Sales of $50,000 or more ..... farms	-	-	4	-	-	-	-	-
$1,000	-	-	323	-	-	-	-	-
Other livestock and livestock products (see text) ..... farms	1	1	110	43	43	2	225	11
$1,000	(D)	(D)	200	34	91	(D)	2 044	8
Sales of $50,000 or more ..... farms	-	-	-	-	-	-	13	-
$1,000	-	-	-	-	-	-	954	-
FARM PRODUCTION EXPENSES[1]								
Total farm production expenses ..... farms	160	225	1 403	898	2 630	61	372	89
$1,000	4 351	1 145	18 104	13 247	241 026	5 145	4 007	1 476
Average per farm ..... dollars	27 196	5 087	12 904	14 752	91 645	84 352	10 770	16 582
Livestock and poultry purchased ..... farms	7	21	699	418	1 340	48	123	42
$1,000	(Z)	54	3 662	3 026	14 475	631	492	112
Farms with expenses of—								
$1 to $4,999	7	18	574	320	530	26	94	38
$5,000 to $24,999	-	3	92	69	670	18	27	2
$25,000 to $99,999	-	-	30	26	135	3	2	2
$100,000 or more	-	-	3	3	5	1	-	-
Feed for livestock and poultry ..... farms	8	101	1 159	699	2 611	61	305	60
$1,000	1	39	3 763	2 658	81 848	2 523	725	260
Farms with expenses of—								
$1 to $4,999	8	101	1 045	625	118	28	291	52
$5,000 to $24,999	-	-	88	51	1 198	24	13	4
$25,000 to $99,999	-	-	20	17	1 226	2	1	4
$100,000 or more	-	-	6	6	69	7	-	-
Commercially mixed formula feeds ..... farms	7	12	508	254	2 601	61	159	49
$1,000	(Z)	6	2 008	1 496	65 015	2 511	210	192
Farms with expenses of—								
$1 to $4,999	7	12	442	204	231	28	154	42
$5,000 to $24,999	-	-	52	38	1 441	25	4	5
$25,000 to $79,999	-	-	9	8	854	-	1	2
$80,000 or more	-	-	5	4	75	8	-	-
Seeds, bulbs, plants, and trees ..... farms	133	37	198	97	1 693	3	20	26
$1,000	450	36	73	46	2 109	7	2	11
Farms with expenses of—								
$1 to $999	56	28	180	84	1 009	2	20	22
$1,000 to $4,999	38	7	17	12	625	-	-	4
$5,000 to $24,999	36	2	1	1	59	1	-	-
$25,000 or more	3	-	-	-	-	-	-	-
Commercial fertilizer ..... farms	104	92	462	347	2 076	2	145	29
$1,000	103	(D)	394	291	7 777	(D)	71	55
Farms with expenses of—								
$1 to $4,999	103	92	454	343	1 590	1	145	26
$5,000 to $24,999	1	-	7	3	465	1	-	3
$25,000 to $49,999	-	-	1	1	18	-	-	-
$50,000 or more	-	-	-	-	3	-	-	-
Agricultural chemicals ..... farms	127	17	248	166	1 348	3	44	14
$1,000	37	18	85	54	1 751	8	7	10
Farms with expenses of—								
$1 to $4,999	127	16	247	165	1 303	2	44	13
$5,000 to $24,999	-	1	1	1	42	1	-	1
$25,000 to $49,999	-	-	-	-	3	-	-	-
$50,000 or more	-	-	-	-	-	-	-	-
Petroleum products ..... farms	146	167	1 264	810	2 578	53	297	86
$1,000	322	83	915	652	8 308	85	245	90
Farms with expenses of—								
$1 to $4,999	124	166	1 238	795	2 136	46	295	83
$5,000 to $24,999	21	1	26	15	436	7	2	3
$25,000 to $49,999	1	-	-	-	5	-	-	-
$50,000 or more	-	-	-	-	1	-	-	-
Gasoline and gasohol ..... farms	111	140	1 113	745	2 264	43	254	84
$1,000	165	53	539	378	3 288	38	169	60
Diesel fuel ..... farms	44	74	610	379	2 163	12	96	39
$1,000	25	21	231	162	3 771	(D)	(D)	18
Natural gas ..... farms	7	-	4	4	113	2	1	-
$1,000	14	-	3	3	137	(D)	(D)	-
LP gas, fuel oil, kerosene, motor oil, grease, etc. ..... farms	120	98	745	548	2 413	34	177	43
$1,000	118	10	143	109	1 111	21	32	12

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	4 883	3	425	-	-	425	60	64
$1,000	10 851	5	203	-	-	203	31	167
Farms with expenses of—								
$1 to $999	2 173	1	352	-	-	352	54	35
$1,000 to $4,999	2 108	2	71	-	-	71	5	21
$5,000 to $24,999	596	-	2	-	-	2	1	7
$25,000 or more	6	-	-	-	-	-	-	1
Hired farm labor ..... farms	3 028	8	214	-	-	214	73	60
$1,000	31 704	17	513	-	-	513	359	2 261
Farms with expenses of—								
$1 to $4,999	1 681	7	194	-	-	194	60	25
$5,000 to $24,999	1 032	1	18	-	-	18	8	11
$25,000 to $99,999	289	-	2	-	-	2	5	19
$100,000 or more	26	-	-	-	-	-	-	5
Contract labor ..... farms	558	2	39	-	-	39	24	28
$1,000	1 515	(D)	40	-	-	40	83	255
Farms with expenses of—								
$1 to $999	296	-	34	-	-	34	10	9
$1,000 to $4,999	170	2	3	-	-	3	2	6
$5,000 to $24,999	84	-	2	-	-	2	12	10
$25,000 or more	8	-	-	-	-	-	-	3
Repair and maintenance ..... farms	5 045	11	500	-	-	500	104	88
$1,000	20 056	28	849	-	-	849	160	447
Farms with expenses of—								
$1 to $4,999	3 804	10	471	-	-	471	100	63
$5,000 to $24,999	1 165	1	23	-	-	23	4	18
$25,000 to $49,999	69	-	6	-	-	6	-	7
$50,000 or more	7	-	-	-	-	-	-	-
Customwork, machine hire, and rental of machinery and equipment ..... farms	1 612	10	113	-	-	113	9	22
$1,000	2 702	16	97	-	-	97	11	72
Farms with expenses of—								
$1 to $999	871	7	80	-	-	80	7	8
$1,000 to $4,999	616	2	30	-	-	30	1	11
$5,000 to $24,999	119	1	3	-	-	3	1	2
$25,000 or more	6	-	-	-	-	-	-	1
Interest expense ..... farms	3 187	9	182	-	-	182	66	52
$1,000	22 539	16	729	-	-	729	295	513
Farms with expenses of—								
$1 to $4,999	1 850	9	135	-	-	135	32	31
$5,000 to $24,999	1 185	-	46	-	-	46	34	15
$25,000 to $99,999	148	-	1	-	-	1	-	6
$100,000 or more	4	-	-	-	-	-	-	-
Secured by real estate ..... farms	2 408	9	148	-	-	148	57	27
$1,000	17 635	16	648	-	-	648	206	451
Farms with expenses of—								
$1 to $999	379	-	37	-	-	37	22	1
$1,000 to $4,999	949	9	66	-	-	66	11	7
$5,000 to $24,999	967	-	44	-	-	44	24	14
$25,000 or more	113	-	1	-	-	1	-	5
Not secured by real estate ..... farms	1 604	-	77	-	-	77	22	31
$1,000	4 904	-	81	-	-	81	89	62
Farms with expenses of—								
$1 to $999	621	-	50	-	-	50	3	19
$1,000 to $4,999	691	-	24	-	-	24	9	8
$5,000 to $24,999	280	-	3	-	-	3	10	4
$25,000 or more	12	-	-	-	-	-	-	-
Cash rent ..... farms	1 777	1	67	-	-	67	28	19
$1,000	4 688	(D)	145	-	-	145	61	67
Farms with expenses of—								
$1 to $4,999	1 515	1	64	-	-	64	19	17
$5,000 to $9,999	161	-	2	-	-	2	9	1
$10,000 to $24,999	90	-	1	-	-	1	-	-
$25,000 or more	11	-	-	-	-	-	-	1
Property taxes ..... farms	5 552	10	713	-	-	713	105	104
$1,000	14 467	25	1 671	-	-	1 671	154	343
Farms with expenses of—								
$1 to $4,999	4 912	7	661	-	-	661	104	86
$5,000 to $9,999	513	3	28	-	-	28	1	8
$10,000 to $24,999	118	-	24	-	-	24	-	8
$25,000 or more	9	-	-	-	-	-	-	2
All other farm production expenses ..... farms	5 505	11	602	-	-	602	99	91
$1,000	46 654	17	777	-	-	777	265	912
Farms with expenses of—								
$1 to $4,999	3 401	11	576	-	-	576	88	66
$5,000 to $24,999	1 595	-	26	-	-	26	10	18
$25,000 to $49,999	386	-	-	-	-	-	1	4
$50,000 or more	123	-	-	-	-	-	-	3

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..	136	107	1 062	717	2 588	50	309	79
$1,000..	180	31	554	428	9 406	72	124	78
Farms with expenses of—								
$1 to $999	91	93	908	595	254	41	282	62
$1,000 to $4,999	37	14	145	114	1 768	5	27	13
$5,000 to $24,999	8	-	9	8	561	4	-	4
$25,000 or more	-	-	-	-	5	-	-	-
Hired farm labor ..... farms..	87	30	406	257	1 952	33	130	35
$1,000..	1 455	120	990	727	24 866	513	516	93
Farms with expenses of—								
$1 to $4,999	38	25	356	214	805	25	115	31
$5,000 to $24,999	28	3	46	40	900	2	12	3
$25,000 to $99,999	20	2	4	3	230	4	2	1
$100,000 or more	1	-	-	-	17	2	1	-
Contract labor ..... farms..	13	1	116	73	251	3	70	11
$1,000..	69	(D)	139	78	771	74	74	3
Farms with expenses of—								
$1 to $999	1	-	84	45	107	-	40	11
$1,000 to $4,999	7	1	30	28	90	1	28	-
$5,000 to $24,999	4	-	2	-	51	1	2	-
$25,000 or more	1	-	-	-	3	1	-	-
Repair and maintenance ..... farms..	135	151	1 151	756	2 513	57	264	71
$1,000..	282	156	1 298	889	16 143	167	374	152
Farms with expenses of—								
$1 to $4,999	121	146	1 095	722	1 425	49	259	65
$5,000 to $24,999	14	5	55	33	1 031	5	5	4
$25,000 to $49,999	-	-	1	1	50	3	-	2
$50,000 or more	-	-	-	-	7	-	-	-
Customwork, machine hire, and rental of machinery and equipment ..... farms..	13	6	257	162	1 119	9	41	13
$1,000..	8	10	201	120	2 246	2	20	19
Farms with expenses of—								
$1 to $999	12	4	195	127	511	8	30	9
$1,000 to $4,999	-	2	61	34	494	1	11	3
$5,000 to $24,999	1	-	1	1	109	-	-	1
$25,000 or more	-	-	-	-	5	-	-	-
Interest expense ..... farms..	85	38	462	347	2 065	40	140	48
$1,000..	379	92	1 140	807	18 700	247	247	181
Farms with expenses of—								
$1 to $4,999	66	35	393	301	943	34	129	43
$5,000 to $24,999	17	3	67	44	986	3	11	3
$25,000 to $99,999	2	-	2	2	132	3	-	2
$100,000 or more	-	-	-	-	4	-	-	-
Secured by real estate ..... farms..	68	32	351	258	1 540	39	99	38
$1,000..	298	64	921	633	14 481	213	177	158
Farms with expenses of—								
$1 to $999	16	7	128	107	120	12	36	-
$1,000 to $4,999	34	23	171	118	520	22	53	33
$5,000 to $24,999	18	2	50	31	800	2	10	3
$25,000 or more	-	-	2	2	100	3	-	2
Not secured by real estate ..... farms..	31	20	202	163	1 108	15	61	37
$1,000..	81	28	218	174	4 219	34	70	23
Farms with expenses of—								
$1 to $999	8	12	144	113	303	13	36	33
$1,000 to $4,999	20	6	51	46	546	-	24	3
$5,000 to $24,999	3	2	7	4	247	2	1	1
$25,000 or more	-	-	-	-	12	-	-	-
Cash rent ..... farms..	20	6	238	176	1 362	2	20	14
$1,000..	25	13	277	218	3 999	(D)	17	35
Farms with expenses of—								
$1 to $4,999	19	5	233	171	1 125	-	19	13
$5,000 to $9,999	-	1	2	2	144	1	-	1
$10,000 to $24,999	1	-	2	2	85	-	1	-
$25,000 or more	-	-	1	1	8	1	-	-
Property taxes ..... farms..	145	196	1 347	854	2 441	60	351	80
$1,000..	207	292	2 397	1 555	8 500	126	560	193
Farms with expenses of—								
$1 to $4,999	142	194	1 282	819	1 968	57	335	76
$5,000 to $9,999	2	2	60	32	389	1	16	3
$10,000 to $24,999	1	-	5	3	77	2	-	1
$25,000 or more	-	-	-	-	7	-	-	-
All other farm production expenses ..... farms..	159	169	1 246	797	2 630	52	359	87
$1,000..	833	151	2 218	1 698	40 128	639	531	183
Farms with expenses of—								
$1 to $4,999	115	167	1 156	715	757	44	341	80
$5,000 to $24,999	40	1	80	74	1 395	4	16	5
$25,000 to $49,999	4	-	7	5	367	1	-	2
$50,000 or more	-	1	3	3	111	3	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		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	5 881	11	717	-	-	717	106	107
	$1,000	83 417	-68	-1 166	-	-	-1 166	884	1 616
Average per farm	dollars	14 184	-6 220	-1 626	-	-	-1 626	8 340	15 102
Farms with net gains[2]	number	3 313	1	228	-	-	228	62	55
Average net gain	dollars	29 987	(D)	5 385	-	-	5 385	17 196	35 409
Gain of—									
Less than $1,000		257	-	81	-	-	81	9	18
$1,000 to $9,999		872	1	121	-	-	121	21	13
$10,000 to $49,999		1 558	-	26	-	-	26	32	9
$50,000 or more		626	-	-	-	-	-	-	15
Farms with net losses	number	2 568	10	489	-	-	489	44	52
Average net loss	dollars	6 204	7 090	4 895	-	-	4 895	4 139	6 377
Loss of—									
Less than $1,000		367	-	70	-	-	70	14	8
$1,000 to $9,999		1 813	10	371	-	-	371	18	35
$10,000 to $49,999		369	-	46	-	-	46	12	8
$50,000 or more		19	-	2	-	-	2	-	1
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME									
Government payments	farms	633	3	84	-	-	84	2	4
	$1,000	3 882	22	751	-	-	751	(D)	(D)
Other farm-related income[1]	farms	2 137	9	309	-	-	309	21	20
	$1,000	7 556	33	1 134	-	-	1 134	38	85
Customwork and other agricultural services	farms	419	2	99	-	-	99	3	-
	$1,000	1 163	(D)	227	-	-	227	6	-
Gross cash rent or share payments	farms	384	8	63	-	-	63	9	8
	$1,000	850	6	301	-	-	301	7	11
Forest products and Christmas trees	farms	1 093	1	181	-	-	181	18	13
	$1,000	3 764	(D)	585	-	-	585	25	69
Other farm-related income sources	farms	845	1	21	-	-	21	9	7
	$1,000	1 779	(D)	20	-	-	20	(Z)	4
COMMODITY CREDIT CORPORATION LOANS									
Total	farms	26	1	-	-	-	-	-	-
	$1,000	157	(D)	-	-	-	-	-	-
Corn	farms	14	1	-	-	-	-	-	-
	$1,000	(D)	(D)	-	-	-	-	-	-
Wheat	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Soybeans	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Sorghum, barley, and oats	farms	1	-	-	-	-	-	-	-
	$1,000	(D)	-	-	-	-	-	-	-
Cotton	farms	-	-	-	-	-	-	-	-
	$1,000	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey	farms	11	-	-	-	-	-	-	-
	$1,000	78	-	-	-	-	-	-	-
LAND IN FARMS ACCORDING TO USE									
Total cropland	farms	5 506	9	818	-	-	818	104	136
	acres	707 970	1 391	65 273	-	-	65 273	2 517	7 502
Harvested cropland	farms	5 069	9	818	-	-	818	104	136
	acres	488 253	897	46 495	-	-	46 495	1 844	5 319
Farms by acres harvested:									
1 to 49 acres		2 204	5	496	-	-	496	96	107
50 to 99 acres		1 070	-	207	-	-	207	7	12
100 to 199 acres		1 083	2	84	-	-	84	1	10
200 to 499 acres		643	2	26	-	-	26	-	7
500 to 999 acres		63	-	5	-	-	5	-	-
1,000 to 1,999 acres		5	-	-	-	-	-	-	-
2,000 acres or more		1	-	-	-	-	-	-	-
Cropland:									
Pasture or grazing only	farms	3 523	2	346	-	-	346	28	19
	acres	188 468	(D)	12 942	-	-	12 942	310	292
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured	farms	319	2	51	-	-	51	18	16
	acres	7 508	(D)	1 569	-	-	1 569	127	365
On which all crops failed	farms	95	1	12	-	-	12	14	-
	acres	1 608	(D)	75	-	-	75	92	-
In cultivated summer fallow	farms	86	-	13	-	-	13	4	5
	acres	1 884	-	134	-	-	134	9	85
Idle	farms	663	5	119	-	-	119	19	50
	acres	20 249	126	4 058	-	-	4 058	135	1 441
Total woodland	farms	4 360	6	626	-	-	626	68	91
	acres	529 115	(D)	73 355	-	-	73 355	4 589	10 179
Woodland pastured	farms	1 832	2	173	-	-	173	11	13
	acres	123 624	(D)	8 411	-	-	8 411	395	2 103
Woodland not pastured	farms	3 700	4	568	-	-	568	64	87
	acres	405 491	830	64 944	-	-	64 944	4 194	8 076

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	160	225	1 403	898	2 630	61	372	89
$1,000	1 843	-656	1 251	2 162	80 579	330	-1 396	201
Average per farm ..... dollars	11 517	-2 916	891	2 408	30 638	5 407	-3 751	2 262
Farms with net gains[2] ..... number	136	9	344	239	2 346	16	84	32
Average net gain ..... dollars	15 485	12 898	18 546	23 395	36 213	33 545	(D)	18 093
Gain of—								
Less than $1,000	29	5	55	24	30	2	23	5
$1,000 to $9,999	61	2	185	126	401	6	46	15
$10,000 to $49,999	43	1	62	49	1 359	4	15	7
$50,000 or more	3	1	42	40	556	4	-	5
Farms with net losses ..... number	24	216	1 059	659	284	45	288	57
Average net loss ..... dollars	10 970	3 574	4 844	5 203	15 415	4 597	6 338	6 625
Loss of—								
Less than $1,000	5	45	185	110	20	7	10	3
$1,000 to $9,999	10	163	745	468	139	37	235	50
$10,000 to $49,999	8	8	127	80	116	1	40	3
$50,000 or more	1	-	2	1	9	-	3	1
GOVERNMENT PAYMENTS AND OTHER FARM-RELATED INCOME								
Government payments ..... farms	-	5	137	46	382	-	7	9
$1,000	-	49	974	774	1 565	-	18	497
Other farm-related income[1] ..... farms	25	66	484	331	1 067	21	93	22
$1,000	82	172	1 770	937	3 712	102	378	50
Customwork and other agricultural services ..... farms	1	8	103	67	176	1	24	2
$1,000	(D)	17	181	122	497	(D)	183	(D)
Gross cash rent or share payments ..... farms	8	2	148	128	102	3	31	2
$1,000	6	(D)	214	182	228	4	47	(D)
Forest products and Christmas trees ..... farms	16	52	271	175	481	16	26	18
$1,000	(D)	146	1 172	602	1 534	83	97	21
Other farm-related income sources ..... farms	1	6	88	34	688	2	20	2
$1,000	(D)	(D)	203	31	1 453	(D)	52	(D)
COMMODITY CREDIT CORPORATION LOANS								
Total ..... farms	1	1	-	-	13	-	10	-
$1,000	(D)	(D)	-	-	66	-	(D)	-
Corn ..... farms	-	-	-	-	13	-	-	-
$1,000	-	-	-	-	66	-	-	-
Wheat ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Soybeans ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Sorghum, barley, and oats ..... farms	-	1	-	-	-	-	-	-
$1,000	-	(D)	-	-	-	-	-	-
Cotton ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey ..... farms	1	-	-	-	-	-	10	-
$1,000	(D)	-	-	-	-	-	(D)	-
LAND IN FARMS ACCORDING TO USE								
Total cropland ..... farms	137	214	1 260	768	2 522	44	205	57
acres	1 453	10 428	80 676	58 154	524 402	1 593	7 787	4 948
Harvested cropland ..... farms	137	213	1 028	658	2 440	31	107	46
acres	750	6 465	43 027	32 027	377 461	819	2 407	2 769
Farms by acres harvested:								
1 to 49 acres	135	191	768	457	255	29	94	28
50 to 99 acres	2	10	159	119	655	1	9	8
100 to 199 acres	-	7	72	55	898	-	4	5
200 to 499 acres	-	5	28	26	569	1	-	5
500 to 999 acres	-	-	-	-	58	-	-	-
1,000 to 1,999 acres	-	-	1	1	4	-	-	-
2,000 acres or more	-	-	-	-	1	-	-	-
Cropland:								
Pasture or grazing only ..... farms	16	105	927	556	1 857	29	164	30
acres	(D)	2 550	32 369	22 773	132 379	552	4 709	1 860
In cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms	18	11	42	23	143	3	12	3
acres	135	272	913	724	3 729	(D)	155	78
On which all crops failed ..... farms	4	5	6	1	49	1	3	-
acres	10	81	113	(D)	1 160	(D)	(D)	-
In cultivated summer fallow ..... farms	1	6	7	2	48	-	2	-
acres	(D)	144	113	(D)	1 366	-	(D)	-
Idle ..... farms	28	32	157	83	218	8	17	10
acres	252	916	4 141	2 593	8 307	201	431	241
Total woodland ..... farms	52	150	1 018	628	2 073	39	186	51
acres	1 932	14 959	102 329	58 771	289 561	(D)	14 985	13 214
Woodland pastured ..... farms	6	37	384	249	1 118	6	58	24
acres	142	1 363	17 847	12 062	85 282	(D)	2 029	5 978
Woodland not pastured ..... farms	47	135	868	533	1 690	37	160	40
acres	1 790	13 596	84 482	46 709	204 279	3 108	12 956	7 236

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): Total	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)
LAND IN FARMS ACCORDING TO USE—Con.								
Pastureland and rangeland other than cropland and woodland pastured ..... farms	1 713	1	220	-	-	220	13	21
acres	103 133	(D)	8 471	-	-	8 471	342	1 190
Land in house lots, ponds, roads, wasteland, etc. ..... farms	3 559	6	496	-	-	496	75	99
acres	67 650	(D)	11 506	-	-	11 506	787	3 041
Cropland under federal acreage reduction programs:								
Annual commodity acreage adjustment programs ..... farms	76	3	5	-	-	5	-	-
acres	1 789	(D)	108	-	-	108	-	-
Conservation reserve program ..... farms	19	-	3	-	-	3	-	-
acres	715	-	(D)	-	-	(D)	-	-
Value of land and buildings[1] ..... farms	5 881	11	717	-	-	717	106	107
$1,000	1 521 489	3 332	189 449	-	-	189 449	18 368	35 657
Average per farm ..... dollars	258 713	302 909	264 225	-	-	264 225	173 283	333 243
Average per acre ..... dollars	1 124	1 310	1 303	-	-	1 303	1 715	2 034
Farms by value group:								
$1 to $39,999	544	-	36	-	-	36	12	16
$40,000 to $69,999	361	-	70	-	-	70	1	8
$70,000 to $99,999	501	-	85	-	-	85	18	19
$100,000 to $149,999	923	-	120	-	-	120	20	15
$150,000 to $199,999	772	7	77	-	-	77	14	5
$200,000 to $499,999	2 021	2	231	-	-	231	40	18
$500,000 to $999,999	619	1	72	-	-	72	1	18
$1,000,000 to $1,999,999	116	1	14	-	-	14	-	6
$2,000,000 to $4,999,999	23	-	12	-	-	12	-	2
$5,000,000 or more	1	-	-	-	-	-	-	-
VALUE OF MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ..... farms	5 872	11	717	-	-	717	106	107
$1,000	270 641	432	18 538	-	-	18 538	2 837	5 184
Farms by value group:								
$1 to $4,999	389	-	79	-	-	79	17	8
$5,000 to $9,999	1 096	-	172	-	-	172	16	39
$10,000 to $19,999	887	7	111	-	-	111	20	11
$20,000 to $49,999	1 424	1	231	-	-	231	38	17
$50,000 to $99,999	1 256	2	108	-	-	108	14	14
$100,000 to $199,999	664	1	12	-	-	12	1	14
$200,000 to $499,999	148	-	4	-	-	4	-	3
$500,000 or more	8	-	-	-	-	-	-	1
SELECTED MACHINERY AND EQUIPMENT[1]								
Motortrucks, including pickups ..... farms	4 738	10	471	-	-	471	104	81
number	7 318	18	726	-	-	726	166	161
Wheel tractors ..... farms	5 448	11	688	-	-	688	90	106
number	15 295	22	1 632	-	-	1 632	230	271
Less than 40 horsepower (PTO) ..... farms	3 505	8	532	-	-	532	84	87
number	5 911	8	936	-	-	936	143	163
40 horsepower (PTO) or more ..... farms	3 779	11	379	-	-	379	57	55
number	9 384	14	696	-	-	696	87	108
Grain and bean combines ..... farms	117	3	11	-	-	11	-	-
number	128	3	12	-	-	12	-	-
Cottonpickers and strippers ..... farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners ..... farms	3 255	10	395	-	-	395	24	33
number	3 706	11	449	-	-	449	26	54
Pickup balers ..... farms	3 472	9	435	-	-	435	23	13
number	3 882	(D)	475	-	-	475	23	13
AGRICULTURAL CHEMICALS[1]								
Commercial fertilizer ..... farms	3 418	11	346	-	-	346	81	77
acres on which used	284 133	511	13 661	-	-	13 661	1 217	2 658
Lime ..... farms	1 345	1	127	-	-	127	46	33
acres on which used	43 638	(D)	2 606	-	-	2 606	284	537
tons	73 269	(D)	3 608	-	-	3 608	346	1 171
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms	560	2	36	-	-	36	60	67
acres on which used	22 170	(D)	1 022	-	-	1 022	867	3 213
Nematodes in crops ..... farms	68	1	-	-	-	-	3	7
acres on which used	5 063	(D)	-	-	-	-	29	162
Diseases in crops and orchards ..... farms	238	-	41	-	-	41	30	64
acres on which used	7 366	-	804	-	-	804	501	3 143
Weeds, grass, or brush in crops and pasture ..... farms	1 534	2	104	-	-	104	21	43
acres on which used	74 766	(D)	3 961	-	-	3 961	628	1 054
Chemicals for defoliation or for growth control of crops or thinning of fruit ..... farms	67	-	6	-	-	6	-	23
acres on which used	3 912	-	271	-	-	271	-	1 932

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	12	58	429	251	816	17	102	24
acres	(D)	1 762	17 800	10 745	67 815	778	3 136	1 616
Land in house lots, ponds, roads, wasteland, etc. ..... farms	92	138	889	507	1 475	48	198	43
acres	(D)	2 409	12 520	7 688	32 534	(D)	2 304	625
Cropland under federal acreage reduction programs:								
Annual commodity acreage adjustment programs ..... farms	-	3	5	2	59	-	-	1
acres	-	91	104	(D)	1 410	-	-	(D)
Conservation reserve program ..... farms	-	1	4	1	10	-	-	1
acres	-	(D)	200	(D)	232	-	-	(D)
Value of land and buildings[1] ..... farms	160	225	1 403	898	2 630	61	372	89
$1,000	15 840	37 448	269 068	183 337	855 932	7 961	58 225	30 209
Average per farm ..... dollars	99 000	166 436	191 780	204 161	325 449	130 508	156 519	339 427
Average per acre ..... dollars	5 059	1 246	1 251	1 284	984	1 597	2 389	1 019
Farms by value group:								
$1 to $39,999	62	8	209	118	64	12	105	20
$40,000 to $69,999	31	37	136	80	69	8	1	-
$70,000 to $99,999	8	43	169	105	136	-	22	1
$100,000 to $149,999	13	62	207	113	368	23	85	10
$150,000 to $199,999	21	27	171	145	392	12	31	15
$200,000 to $499,999	24	36	400	264	1 142	4	115	9
$500,000 to $999,999	1	12	105	70	363	1	12	33
$1,000,000 to $1,999,999	-	-	5	3	88	1	1	-
$2,000,000 to $4,999,999	-	-	1	-	7	-	-	1
$5,000,000 or more	-	-	-	-	1	-	-	-
VALUE OF MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ..... farms	160	225	1 395	898	2 630	61	372	88
$1,000	5 815	4 079	29 604	20 042	193 086	2 493	6 076	2 496
Farms by value group:								
$1 to $4,999	19	28	144	49	49	-	32	13
$5,000 to $9,999	30	102	474	287	97	20	116	30
$10,000 to $19,999	24	36	317	256	241	12	98	10
$20,000 to $49,999	33	39	296	197	631	11	115	12
$50,000 to $99,999	40	15	127	89	892	14	11	19
$100,000 to $199,999	14	4	29	12	584	1	-	4
$200,000 to $499,999	-	1	8	8	129	3	-	-
$500,000 or more	-	-	-	-	7	-	-	-
SELECTED MACHINERY AND EQUIPMENT[1]								
Motortrucks, including pickups ..... farms	122	173	1 081	690	2 301	45	295	55
number	207	191	1 496	938	3 829	98	349	77
Wheel tractors ..... farms	116	209	1 262	797	2 579	59	254	74
number	235	320	2 494	1 625	9 321	116	486	168
Less than 40 horsepower (PTO) ..... farms	90	178	944	614	1 253	56	207	66
number	113	235	1 433	956	2 417	63	303	97
40 horsepower (PTO) or more ..... farms	47	59	682	433	2 310	22	119	38
number	122	85	1 061	669	6 904	53	183	71
Grain and bean combines ..... farms	-	3	20	8	60	20	-	-
number	-	3	20	8	70	20	-	-
Cottonpickers and strippers ..... farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners ..... farms	27	39	527	367	2 094	23	58	25
number	38	41	579	400	2 391	32	58	27
Pickup balers ..... farms	1	90	706	512	2 065	30	67	33
number	(D)	92	779	572	2 344	37	68	41
AGRICULTURAL CHEMICALS[1]								
Commercial fertilizer ..... farms	104	92	462	347	2 069	2	145	29
acres on which used	(D)	2 140	16 737	13 122	243 054	(D)	2 118	1 540
Lime ..... farms	16	35	152	102	846	-	80	9
acres on which used	(D)	560	3 848	2 698	34 194	-	1 300	248
tons	(D)	907	7 297	5 064	57 245	-	2 138	474
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms	65	8	18	10	298	3	1	2
acres on which used	163	133	688	567	15 624	302	(D)	(D)
Nematodes in crops ..... farms	2	4	1	1	50	-	-	-
acres on which used	(D)	21	(D)	(D)	4 742	-	-	-
Diseases in crops and orchards ..... farms	35	5	3	3	52	1	-	7
acres on which used	84	129	118	118	2 280	(D)	-	(D)
Weeds, grass, or brush in crops and pasture ..... farms	40	15	138	83	1 156	2	7	6
acres on which used	185	332	3 194	2 044	64 691	(D)	14	415
Chemicals for defoliation or for growth control of crops or thinning of fruit ..... farms	12	-	-	-	26	-	-	-
acres on which used	12	-	-	-	1 697	-	-	-

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	5 877	9	818	-	-	818	104	136
Full owners	3 383	5	620	-	-	620	66	113
Part owners	2 089	3	156	-	-	156	26	16
Tenants	405	1	42	-	-	42	12	7
White	5 856	9	816	-	-	816	103	136
Full owners	3 374	5	620	-	-	620	65	113
Part owners	2 079	3	154	-	-	154	26	16
Tenants	403	1	42	-	-	42	12	7
Black and other races	21	-	2	-	-	2	1	-
Full owners	9	-	-	-	-	-	1	-
Part owners	10	-	2	-	-	2	-	-
Tenants	2	-	-	-	-	-	-	-
OWNED AND RENTED LAND								
Land owned — farms	5 477	8	778	-	-	778	92	129
acres	1 131 306	2 298	145 842	-	-	145 842	7 741	21 778
Owned land in farms — farms	5 472	8	776	-	-	776	92	129
acres	1 103 362	2 243	137 510	-	-	137 510	7 095	21 050
Land rented or leased from others — farms	2 511	4	203	-	-	203	39	24
acres	308 393	339	21 851	-	-	21 851	1 191	884
Rented or leased land in farms — farms	2 494	4	198	-	-	198	38	23
acres	304 506	284	21 095	-	-	21 095	1 140	862
Land rented or leased to others — farms	445	2	128	-	-	128	17	21
acres	31 831	(D)	9 088	-	-	9 088	697	750
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	5 121	5	667	-	-	667	89	113
Not on farm operated	485	3	99	-	-	99	12	21
Not reported	271	1	52	-	-	52	3	2
Operators by principal occupation:								
Farming	3 762	3	340	-	-	340	67	64
Other	2 115	6	478	-	-	478	37	72
Operators by days of work off farm:								
None	2 854	3	239	-	-	239	36	40
Any	2 695	6	512	-	-	512	65	92
1 to 99 days	595	-	81	-	-	81	26	14
100 to 199 days	502	1	104	-	-	104	20	23
200 days or more	1 598	5	327	-	-	327	19	55
Not reported	328	-	67	-	-	67	3	4
Operators by years on present farm:								
2 years or less	329	-	30	-	-	30	3	8
3 or 4 years	437	-	45	-	-	45	11	7
5 to 9 years	1 031	5	131	-	-	131	30	38
10 years or more	3 345	2	495	-	-	495	54	69
Average years on present farm	18.1	16.0	20.5	-	-	20.5	16.1	15.1
Not reported	735	2	117	-	-	117	6	14
Operators by age group:								
Under 25 years	56	-	5	-	-	5	-	3
25 to 34 years	705	1	59	-	-	59	22	11
35 to 44 years	1 480	3	161	-	-	161	31	41
45 to 49 years	701	-	87	-	-	87	11	11
50 to 54 years	650	2	90	-	-	90	7	13
55 to 59 years	660	-	88	-	-	88	9	18
60 to 64 years	595	-	90	-	-	90	6	14
65 to 69 years	445	1	88	-	-	88	9	14
70 years and over	585	2	150	-	-	150	9	11
Average age	50.4	52.9	54.9	-	-	54.9	47.0	50.8
Operators by sex:								
Male	5 302	9	721	-	-	721	83	126
Female	575	-	97	-	-	97	21	10
Operators of Spanish origin (see text)	24	-	2	-	-	2	-	1
FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) — farms	5 096	8	751	-	-	751	95	102
acres	1 126 649	(D)	139 510	-	-	139 510	7 172	12 365
Partnership — farms	510	1	37	-	-	37	7	14
acres	170 255	(D)	9 526	-	-	9 526	(D)	1 404
Corporation:								
Family held — farms	209	-	26	-	-	26	2	15
acres	86 508	-	7 267	-	-	7 267	(D)	5 413
More than 10 stockholders — farms	3	-	-	-	-	-	-	-
10 or less stockholders — farms	206	-	26	-	-	26	2	15
Other than family held — farms	23	-	-	-	-	-	-	4
acres	10 605	-	-	-	-	-	-	(D)
More than 10 stockholders — farms	1	-	-	-	-	-	-	-
10 or less stockholders — farms	22	-	-	-	-	-	-	4
Other—cooperative, estate or trust, institutional, etc. — farms	39	-	4	-	-	4	-	1
acres	13 851	-	2 302	-	-	2 302	-	(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): 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)
TENURE AND RACE OF OPERATOR								
All operators	137	214	1 436	870	2 586	62	307	68
Full owners	108	165	995	601	962	54	245	50
Part owners	16	41	373	219	1 392	7	45	14
Tenants	13	8	68	50	232	1	17	4
White	137	214	1 426	864	2 581	59	307	68
Full owners	108	165	991	599	960	52	245	50
Part owners	16	41	369	217	1 389	6	45	14
Tenants	13	8	66	48	232	1	17	4
Black and other races	-	-	10	6	5	3	-	-
Full owners	-	-	4	2	2	2	-	-
Part owners	-	-	4	2	3	1	-	-
Tenants	-	-	2	2	-	-	-	-
OWNED AND RENTED LAND								
Land owned — farms	124	206	1 369	821	2 356	61	290	64
Land owned — acres	4 849	26 369	191 062	118 886	680 799	5 818	26 100	18 650
Owned land in farms — farms	124	206	1 368	820	2 354	61	290	64
Owned land in farms — acres	4 350	25 896	182 415	113 605	674 520	5 561	24 563	18 159
Land rented or leased from others — farms	30	49	446	274	1 628	8	62	18
Land rented or leased from others — acres	244	4 612	31 119	21 962	241 593	(D)	3 662	2 261
Rented or leased land in farms — farms	29	49	441	269	1 624	8	62	18
Rented or leased land in farms — acres	231	3 662	30 910	21 753	239 792	637	3 649	2 244
Land rented or leased to others — farms	13	9	131	87	89	6	21	8
Land rented or leased to others — acres	512	1 423	8 856	5 490	8 080	(D)	1 550	508
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	103	189	1 261	740	2 314	54	269	57
Not on farm operated	27	15	112	84	161	7	23	5
Not reported	7	10	63	46	111	1	15	6
Operators by principal occupation:								
Farming	67	67	526	329	2 452	22	117	37
Other	70	147	910	541	134	40	190	31
Operators by days of work off farm:								
None	69	52	383	241	1 900	22	89	21
Any	61	155	988	581	530	38	208	40
1 to 99 days	18	28	133	77	255	3	23	14
100 to 199 days	13	29	150	85	87	9	55	11
200 days or more	30	98	705	419	188	26	130	15
Not reported	7	7	65	48	156	2	10	7
Operators by years on present farm:								
2 years or less	4	11	75	40	167	3	28	-
3 or 4 years	17	6	112	47	197	7	32	3
5 to 9 years	40	37	280	135	376	11	70	13
10 years or more	60	129	802	529	1 518	33	145	38
Average years on present farm	12.9	21.0	17.2	19.4	18.9	15.1	13.1	21.7
Not reported	16	31	167	119	328	8	32	14
Operators by age group:								
Under 25 years	-	-	15	12	32	-	1	-
25 to 34 years	22	17	132	68	399	6	28	8
35 to 44 years	46	45	361	183	656	20	103	13
45 to 49 years	13	33	175	85	308	11	45	7
50 to 54 years	10	18	148	93	314	10	32	6
55 to 59 years	10	24	166	113	297	7	32	9
60 to 64 years	19	26	155	112	255	2	22	6
65 to 69 years	6	14	120	91	165	3	19	6
70 years and over	11	37	164	113	160	3	25	13
Average age	48.2	54.0	51.5	53.2	48.4	48.0	48.9	54.3
Operators by sex:								
Male	113	191	1 262	809	2 466	60	219	52
Female	24	23	174	61	120	2	88	16
Operators of Spanish origin (see text)	1	-	9	6	9	-	1	1
FARMS BY TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) — farms	96	199	1 323	806	2 140	53	267	62
Individual or family (sole proprietorship) — acres	3 493	27 099	184 926	121 595	702 661	3 788	(D)	18 968
Partnership — farms	11	9	70	43	331	4	23	3
Partnership — acres	494	1 500	12 113	9 136	141 166	710	1 536	498
Corporation:								
Family held — farms	21	3	31	16	89	5	15	2
Family held — acres	394	550	7 195	3 642	61 182	1 700	1 920	(D)
More than 10 stockholders — farms	-	-	-	-	3	-	-	-
10 or less stockholders — farms	21	3	31	16	86	5	15	2
Other than family held — farms	4	1	5	3	8	-	1	-
Other than family held — acres	20	(D)	5 377	(D)	2 410	-	(D)	-
More than 10 stockholders — farms	-	1	-	-	-	-	-	-
10 or less stockholders — farms	4	-	5	3	8	-	1	-
Other—cooperative, estate or trust, institutional, etc. — farms	5	2	7	2	18	-	1	1
Other—cooperative, estate or trust, institutional, etc. — acres	180	(D)	3 714	(D)	6 893	-	(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	281	1	5	-	-	5	15	8
10 to 49 acres	834	-	96	-	-	96	40	48
50 to 69 acres	287	-	68	-	-	68	5	11
70 to 99 acres	400	-	94	-	-	94	5	10
100 to 139 acres	581	2	126	-	-	126	14	17
140 to 179 acres	532	2	107	-	-	107	15	9
180 to 219 acres	493	1	66	-	-	66	4	7
220 to 259 acres	451	-	67	-	-	67	2	4
260 to 499 acres	1 376	2	144	-	-	144	4	10
500 to 999 acres	559	-	41	-	-	41	-	11
1,000 to 1,999 acres	71	1	3	-	-	3	-	-
2,000 acres or more	12	-	1	-	-	1	-	1
FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	9	9	-	-	-	-	-	-
Field crops, except cash grains (013)	818	-	818	-	-	818	-	-
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	818	-	818	-	-	818	-	-
Vegetables and melons (016)	104	-	-	-	-	-	104	-
Fruits and tree nuts (017)	136	-	-	-	-	-	-	136
Horticultural specialties (018)	137	-	-	-	-	-	-	-
General farms, primarily crop (019)	214	-	-	-	-	-	-	-
Livestock, except dairy, poultry, and animal specialties (021)	1 436	-	-	-	-	-	-	-
Beef cattle, except feedlots (0212)	870	-	-	-	-	-	-	-
Dairy farms (024)	2 586	-	-	-	-	-	-	-
Poultry and eggs (025)	62	-	-	-	-	-	-	-
Animal specialties (027)	307	-	-	-	-	-	-	-
General farms, primarily livestock and animal specialties (029)	68	-	-	-	-	-	-	-
LIVESTOCK								
Cattle and calves inventory — farms	4 128	2	229	-	-	229	11	4
— number	320 189	(D)	3 061	-	-	3 061	144	40
Farms with—								
1 to 9	675	-	129	-	-	129	5	2
10 to 49	1 112	1	94	-	-	94	6	2
50 to 99	1 168	1	5	-	-	5	-	-
100 to 199	903	-	1	-	-	1	-	-
200 to 499	244	-	-	-	-	-	-	-
500 or more	26	-	-	-	-	-	-	-
Cows and heifers that had calved — farms	3 715	1	161	-	-	161	7	4
— number	188 772	(D)	998	-	-	998	37	30
Beef cows — farms	1 180	1	144	-	-	144	4	4
— number	9 805	(D)	898	-	-	898	(D)	30
Farms with—								
1 to 9	859	-	113	-	-	113	2	2
10 to 49	305	-	31	-	-	31	2	2
50 to 99	11	1	-	-	-	-	-	-
100 to 199	3	-	-	-	-	-	-	-
200 to 499	2	-	-	-	-	-	-	-
500 or more	-	-	-	-	-	-	-	-
Milk cows — farms	2 846	-	36	-	-	36	4	-
— number	178 967	-	100	-	-	100	(D)	-
Farms with—								
1 to 4	226	-	29	-	-	29	2	-
5 to 9	41	-	5	-	-	5	2	-
10 to 49	978	-	2	-	-	2	-	-
50 to 99	1 173	-	-	-	-	-	-	-
100 to 199	353	-	-	-	-	-	-	-
200 to 499	72	-	-	-	-	-	-	-
500 or more	3	-	-	-	-	-	-	-
Heifers and heifer calves — farms	3 388	2	140	-	-	140	7	2
— number	113 021	(D)	1 309	-	-	1 309	77	(D)
Steers, steer calves, bulls, and bull calves — farms	2 151	1	131	-	-	131	6	2
— number	18 396	(D)	754	-	-	754	30	(D)
Cattle and calves sold — farms	3 919	2	155	-	-	155	12	5
— number	170 741	(D)	969	-	-	969	53	43
— $1,000	42 148	(D)	360	-	-	360	30	11
Calves — farms	3 092	2	70	-	-	70	9	4
— number	108 869	(D)	314	-	-	314	21	11
— $1,000	11 698	(D)	34	-	-	34	5	2
Cattle — farms	3 544	2	137	-	-	137	8	5
— number	61 872	(D)	655	-	-	655	32	32
— $1,000	30 450	(D)	325	-	-	325	25	9
Fattened on grain and concentrates — farms	372	-	26	-	-	26	2	1
— number	4 608	-	73	-	-	73	(D)	(D)
— $1,000	2 332	-	36	-	-	36	(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 BY SIZE								
1 to 9 acres	59	2	100	44	36	7	43	5
10 to 49 acres	47	53	329	167	62	19	124	16
50 to 69 acres	7	34	107	64	33	3	17	2
70 to 99 acres	7	30	155	89	67	7	23	2
100 to 139 acres	10	22	192	131	156	11	28	3
140 to 179 acres	5	19	141	94	202	3	22	7
180 to 219 acres	2	16	114	81	258	5	13	7
220 to 259 acres	-	10	79	54	274	3	9	3
260 to 499 acres	-	21	170	118	985	3	23	14
500 to 999 acres	-	6	42	26	448	1	4	6
1,000 to 1,999 acres	-	1	4	1	59	-	1	2
2,000 acres or more	-	-	3	1	6	-	-	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)	137	-	-	-	-	-	-	-
General farms, primarily crop (019)	-	214	-	-	-	-	-	-
Livestock, except dairy, poultry, and animal specialties (021)	-	-	1 436	870	-	-	-	-
Beef cattle, except feedlots (0212)	-	-	870	870	-	-	-	-
Dairy farms (024)	-	-	-	-	2 586	-	-	-
Poultry and eggs (025)	-	-	-	-	-	62	-	-
Animal specialties (027)	-	-	-	-	-	-	307	-
General farms, primarily livestock and animal specialties (029)	-	-	-	-	-	-	-	68
LIVESTOCK								
Cattle and calves inventory — farms	6	86	1 120	803	2 568	18	47	37
number	(D)	687	32 503	26 236	282 589	104	355	573
Farms with—								
1 to 9	4	77	367	206	12	16	38	25
10 to 49	2	6	619	487	362	2	9	9
50 to 99	-	2	76	64	1 082	-	-	2
100 to 199	-	1	36	26	864	-	-	1
200 to 499	-	-	17	15	227	-	-	-
500 or more	-	-	5	5	21	-	-	-
Cows and heifers that had calved — farms	2	68	828	578	2 558	15	37	34
number	(D)	281	8 780	6 756	178 076	67	144	305
Beef cows — farms	-	60	699	500	202	14	32	20
number	-	265	6 726	5 005	1 488	63	102	159
Farms with—								
1 to 9	-	57	472	322	156	13	31	13
10 to 49	-	2	216	169	43	1	1	7
50 to 99	-	1	7	6	2	-	-	-
100 to 199	-	-	2	2	1	-	-	-
200 to 499	-	-	2	1	-	-	-	-
500 or more	-	-	-	-	-	-	-	-
Milk cows — farms	2	9	217	131	2 548	4	6	20
number	(D)	16	2 054	1 751	176 588	4	42	146
Farms with—								
1 to 4	2	9	154	78	6	4	4	16
5 to 9	-	-	26	20	7	-	-	1
10 to 49	-	-	27	23	945	-	2	2
50 to 99	-	-	7	7	1 165	-	-	1
100 to 199	-	-	2	2	351	-	-	-
200 to 499	-	-	1	1	71	-	-	-
500 or more	-	-	-	-	3	-	-	-
Heifers and heifer calves — farms	6	39	792	594	2 355	7	23	15
number	30	189	12 618	10 806	98 461	16	153	135
Steers, steer calves, bulls, and bull calves — farms	2	46	736	526	1 184	5	23	15
number	(D)	217	11 105	8 674	6 052	21	58	133
Cattle and calves sold — farms	2	11	1 099	839	2 579	6	22	26
number	(D)	102	35 458	31 567	132 780	27	66	1 200
$1,000	(D)	40	15 162	13 513	25 930	10	25	576
Calves — farms	2	3	546	451	2 426	2	12	16
number	(D)	22	19 427	18 324	88 751	(D)	31	242
$1,000	(D)	7	6 305	6 137	5 296	(D)	5	39
Cattle — farms	2	11	979	737	2 357	5	13	25
number	(D)	80	16 031	13 243	44 029	(D)	35	958
$1,000	(D)	33	8 857	7 375	20 634	(D)	20	537
Fattened on grain and concentrates — farms	-	5	244	52	88	-	4	2
number	-	45	2 564	169	1 900	-	12	(D)
$1,000	-	20	1 396	83	870	-	4	(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	370	-	35	-	-	35	3	-
number	5 133	-	489	-	-	489	27	-
Farms with—								
1 to 24	345	-	34	-	-	34	3	-
25 to 49	10	-	-	-	-	-	-	-
50 to 99	3	-	-	-	-	-	-	-
100 to 199	4	-	-	-	-	-	-	-
200 to 499	8	-	1	-	-	1	-	-
500 or more	-	-	-	-	-	-	-	-
Used or to be used for breeding ..... farms	154	-	12	-	-	12	2	-
number	1 049	-	79	-	-	79	(D)	-
Other ..... farms	320	-	32	-	-	32	3	-
number	4 084	-	410	-	-	410	(D)	-
Hogs and pigs sold ..... farms	239	-	16	-	-	16	6	-
number	7 595	-	249	-	-	249	299	-
$1,000	660	-	19	-	-	19	14	-
Feeder pigs ..... farms	68	-	6	-	-	6	2	-
number	3 598	-	121	-	-	121	(D)	-
$1,000	146	-	4	-	-	4	(D)	-
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ..... farms	161	-	12	-	-	12	2	-
number	1 327	-	48	-	-	48	(D)	-
Dec. 1 and May 31 ..... farms	148	-	10	-	-	10	2	-
number	701	-	28	-	-	28	(D)	-
June 1 and Nov. 30 ..... farms	113	-	6	-	-	6	2	-
number	626	-	20	-	-	20	(D)	-
Sheep and lambs of all ages inventory ..... farms	605	3	74	-	-	74	8	7
number	20 456	51	1 592	-	-	1 592	68	162
Ewes 1 year old or older ..... farms	542	3	63	-	-	63	7	6
number	12 824	25	1 180	-	-	1 180	(D)	(D)
Sheep and lambs sold ..... farms	515	2	59	-	-	59	5	5
number	19 348	(D)	1 217	-	-	1 217	19	187
Sheep and lambs shorn ..... farms	523	2	60	-	-	60	6	4
number	18 312	(D)	1 346	-	-	1 346	27	182
pounds of wool	131 750	(D)	9 759	-	-	9 759	206	1 126
Horses and ponies inventory ..... farms	1 427	1	203	-	-	203	11	6
number	7 588	(D)	887	-	-	887	31	(D)
Horses and ponies sold ..... farms	265	-	22	-	-	22	2	-
number	887	-	72	-	-	72	(D)	-
Goats inventory ..... farms	147	-	13	-	-	13	4	2
number	971	-	76	-	-	76	15	(D)
Goats sold ..... farms	41	-	3	-	-	3	-	-
number	427	-	(D)	-	-	(D)	-	-
POULTRY								
Chickens 3 months old or older inventory ..... farms	649	-	75	-	-	75	17	5
number	405 869	-	1 395	-	-	1 395	615	105
Farms with—								
1 to 399	632	-	75	-	-	75	17	5
400 to 3,199	8	-	-	-	-	-	-	-
3,200 to 9,999	1	-	-	-	-	-	-	-
10,000 to 19,999	1	-	-	-	-	-	-	-
20,000 to 49,999	5	-	-	-	-	-	-	-
50,000 to 99,999	1	-	-	-	-	-	-	-
100,000 or more	1	-	-	-	-	-	-	-
Hens and pullets of laying age ..... farms	645	-	75	-	-	75	17	5
number	358 595	-	1 294	-	-	1 294	(D)	(D)
Pullets 3 months old or older not of laying age ..... farms	76	-	8	-	-	8	2	1
number	47 274	-	101	-	-	101	(D)	(D)
Hens and pullets sold ..... farms	137	-	11	-	-	11	3	3
number	357 585	-	340	-	-	340	56	50
Broilers and other meat-type chickens sold ..... farms	53	-	1	-	-	1	3	1
number	5 231	-	(D)	-	-	(D)	108	(D)
Farms with—								
1 to 1,999	53	-	1	-	-	1	3	1
2,000 to 59,999	-	-	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	-	-	-
Turkey hens kept for breeding ..... farms	10	-	-	-	-	-	-	1
number	136	-	-	-	-	-	-	(D)
Turkeys sold ..... farms	99	-	9	-	-	9	4	2
number	17 982	-	103	-	-	103	64	(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)				
LIVESTOCK—Con.								
Hogs and pigs inventory ..... farms	-	6	190	57	106	6	7	17
number	-	33	3 865	373	468	34	24	193
Farms with—								
1 to 24	-	6	170	52	103	6	7	16
25 to 49	-	-	7	5	3	-	-	-
50 to 99	-	-	3	-	-	-	-	-
100 to 199	-	-	3	-	-	-	-	1
200 to 499	-	-	7	-	-	-	-	-
500 or more	-	-	-	-	-	-	-	-
Used or to be used for breeding ..... farms	-	3	88	15	38	2	5	4
number	-	12	785	55	123	(D)	14	19
Other ..... farms	-	4	162	52	93	6	4	16
number	-	21	3 080	318	345	(D)	10	174
Hogs and pigs sold ..... farms	-	3	160	30	37	2	4	11
number	-	58	6 069	341	706	(D)	(D)	173
$1,000	-	5	548	38	57	(D)	(D)	12
Feeder pigs ..... farms	-	2	45	8	9	-	2	2
number	-	(D)	2 707	122	372	-	(D)	(D)
$1,000	-	(D)	117	5	13	-	(D)	(D)
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ..... farms	-	3	91	16	42	2	5	4
number	-	8	1 067	54	139	(D)	13	21
Dec. 1 and May 31 ..... farms	-	3	85	16	39	2	5	2
number	-	(D)	556	37	80	(D)	7	(D)
June 1 and Nov. 30 ..... farms	-	1	71	11	24	1	4	4
number	-	(D)	511	17	59	(D)	6	(D)
Sheep and lambs of all ages inventory ..... farms	4	9	380	61	81	9	20	10
number	38	73	17 076	591	687	146	323	240
Ewes 1 year old or older ..... farms	3	6	354	51	66	9	16	9
number	(D)	42	10 499	350	443	78	225	(D)
Sheep and lambs sold ..... farms	2	5	355	40	51	4	17	10
number	(D)	139	16 991	405	372	54	229	101
Sheep and lambs shorn ..... farms	3	4	353	48	58	6	18	9
number	(D)	52	15 588	438	463	104	346	162
pounds of wool	(D)	494	111 563	3 530	3 743	910	2 734	918
Horses and ponies inventory ..... farms	6	108	438	260	374	14	249	17
number	17	637	1 612	914	1 521	34	2 762	72
Horses and ponies sold ..... farms	-	-	34	21	31	1	170	5
number	-	-	71	42	154	(D)	581	5
Goats inventory ..... farms	-	4	83	19	25	3	12	1
number	-	10	778	75	52	4	31	(D)
Goats sold ..... farms	-	-	36	7	2	-	-	-
number	-	-	385	37	(D)	-	-	-
POULTRY								
Chickens 3 months old or older inventory ..... farms	3	32	250	102	165	39	38	25
number	85	875	5 879	2 351	8 440	386 506	680	1 289
Farms with—								
1 to 399	3	32	250	102	162	25	38	25
400 to 3,199	-	-	-	-	3	5	-	-
3,200 to 9,999	-	-	-	-	-	1	-	-
10,000 to 19,999	-	-	-	-	-	1	-	-
20,000 to 49,999	-	-	-	-	-	5	-	-
50,000 to 99,999	-	-	-	-	-	1	-	-
100,000 or more	-	-	-	-	-	1	-	-
Hens and pullets of laying age ..... farms	3	32	250	102	161	39	38	25
number	(D)	828	5 641	2 216	8 275	339 961	616	1 241
Pullets 3 months old or older not of laying age ..... farms	1	3	23	9	15	11	7	5
number	(D)	47	238	135	165	46 545	64	48
Hens and pullets sold ..... farms	1	3	43	15	26	26	9	12
number	(D)	(D)	865	233	1 197	354 100	160	745
Broilers and other meat-type chickens sold ..... farms	1	-	33	8	1	7	4	2
number	(D)	-	4 320	314	(D)	490	60	(D)
Farms with—								
1 to 1,999	1	-	33	8	1	7	4	2
2,000 to 59,999	-	-	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-	-	-
100,000 or more	-	-	-	-	-	-	-	-
Turkey hens kept for breeding ..... farms	-	-	3	-	-	4	2	-
number	-	-	3	-	-	129	(D)	-
Turkeys sold ..... farms	1	1	39	13	19	21	-	3
number	(D)	(D)	1 177	303	1 024	15 191	-	191

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								
Corn for silage or green chop ..... farms	1 481	1	68	-	-	68	2	-
acres	70 258	(D)	1 946	-	-	1 946	(D)	-
tons, green	1 154 813	(D)	25 594	-	-	25 594	(D)	-
Irrigated ..... farms	9	-	-	-	-	-	-	-
acres	290	-	-	-	-	-	-	-
Farms by acres harvested:								
1 to 24 acres	511	1	40	-	-	40	2	-
25 to 99 acres	814	-	26	-	-	26	-	-
100 to 249 acres	141	-	2	-	-	2	-	-
250 to 499 acres	11	-	-	-	-	-	-	-
500 acres or more	4	-	-	-	-	-	-	-
Irish potatoes ..... farms	57	-	15	-	-	15	14	-
acres	162	-	126	-	-	126	16	-
cwt	36 988	-	30 806	-	-	30 806	2 572	-
Irrigated ..... farms	1	-	-	-	-	-	1	-
acres	(D)	-	-	-	-	-	(D)	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms	4 640	8	808	-	-	808	30	22
acres	432 881	427	45 011	-	-	45 011	597	664
tons, dry	869 548	983	79 676	-	-	79 676	957	1 278
Irrigated ..... farms	13	-	2	-	-	2	-	-
acres	371	-	(D)	-	-	(D)	-	-
Farms by acres harvested:								
1 to 24 acres	1 003	4	220	-	-	220	20	14
25 to 99 acres	2 028	2	476	-	-	476	10	6
100 to 249 acres	1 281	2	96	-	-	96	-	2
250 to 499 acres	286	-	13	-	-	13	-	-
500 acres or more	42	-	3	-	-	3	-	-
Tame hay other than alfalfa, small grain, and wild hay (see text) ..... farms	3 115	7	518	-	-	518	18	12
acres	184 780	250	25 169	-	-	25 169	358	447
tons, dry	365 497	463	40 767	-	-	40 767	451	741
Irrigated ..... farms	8	-	1	-	-	1	-	-
acres	158	-	(D)	-	-	(D)	-	-
Vegetables harvested for sale (see text) ..... farms	230	1	23	-	-	23	104	13
acres	2 038	(D)	71	-	-	71	1 189	36
Irrigated ..... farms	43	-	1	-	-	1	29	3
acres	365	-	(D)	-	-	(D)	223	6
Farms by acres harvested:								
0.1 to 4.9 acres	134	1	15	-	-	15	49	10
5.0 to 24.9 acres	80	-	8	-	-	8	43	3
25.0 to 99.9 acres	15	-	-	-	-	-	12	-
100.0 to 249.9 acres	-	-	-	-	-	-	-	-
250.0 acres or more	1	-	-	-	-	-	-	-
Land in orchards ..... farms	221	1	17	-	-	17	12	113
acres	4 797	(D)	53	-	-	53	26	4 470
Irrigated ..... farms	15	-	1	-	-	1	5	7
acres	304	-	(D)	-	-	(D)	8	294
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres	125	-	14	-	-	14	11	36
5.0 to 24.9 acres	54	1	3	-	-	3	1	35
25.0 to 99.9 acres	30	-	-	-	-	-	-	30
100.0 to 249.9 acres	8	-	-	-	-	-	-	8
250.0 acres or more	4	-	-	-	-	-	-	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	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)
CROPS HARVESTED								
Corn for silage or green chop ---- farms	-	6	81	62	1 312	1	2	8
acres	-	211	2 164	1 662	65 370	(D)	(D)	527
tons, green	-	3 090	35 404	26 471	1 085 187	(D)	(D)	4 960
Irrigated ---- farms	-	-	-	-	9	-	-	-
acres	-	-	-	-	290	-	-	-
Farms by acres harvested:								
1 to 24 acres	-	4	54	40	405	1	2	2
25 to 99 acres	-	1	22	18	760	-	-	5
100 to 249 acres	-	1	5	4	133	-	-	-
250 to 499 acres	-	-	-	-	10	-	-	1
500 acres or more	-	-	-	-	4	-	-	-
Irish potatoes ---- farms	1	5	10	7	10	-	1	1
acres	(D)	9	3	2	7	-	(D)	(D)
cwt	(D)	1 025	637	187	1 833	-	(D)	(D)
Irrigated ---- farms	-	-	-	-	-	-	-	-
acres	-	-	-	-	-	-	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) -- farms	10	206	999	644	2 391	27	100	39
acres	156	5 827	42 416	31 476	332 423	491	2 414	2 455
tons, dry	232	8 055	67 926	50 157	701 106	684	3 690	4 961
Irrigated ---- farms	1	-	1	-	8	-	1	-
acres	(D)	-	(D)	-	295	-	(D)	-
Farms by acres harvested:								
1 to 24 acres	8	126	432	242	71	20	70	18
25 to 99 acres	2	71	469	322	947	7	26	12
100 to 249 acres	-	9	87	71	1 073	-	4	8
250 to 499 acres	-	-	10	8	262	-	-	1
500 acres or more	-	-	1	1	38	-	-	-
Tame hay other than alfalfa, small grain, and wild hay (see text) ---- farms	4	103	670	438	1 671	12	76	24
acres	45	2 603	24 705	17 790	128 283	244	1 633	1 043
tons, dry	85	3 550	40 866	30 335	273 686	396	2 531	1 961
Irrigated ---- farms	1	-	1	-	5	-	-	-
acres	(D)	-	(D)	-	120	-	-	-
Vegetables harvested for sale (see text) --- farms	13	15	22	8	25	4	2	8
acres	136	148	47	5	114	283	(D)	10
Irrigated ---- farms	6	1	1	-	-	1	1	-
acres	46	(D)	(D)	-	-	(D)	(D)	-
Farms by acres harvested:								
0.1 to 4.9 acres	7	6	18	8	16	2	2	8
5.0 to 24.9 acres	5	7	4	-	9	1	-	-
25.0 to 99.9 acres	1	2	-	-	-	-	-	-
100.0 to 249.9 acres	-	-	-	-	-	-	-	-
250.0 acres or more	-	-	-	-	-	1	-	-
Land in orchards ---- farms	7	9	31	10	14	6	8	3
acres	29	19	99	45	48	(D)	20	13
Irrigated ---- farms	1	-	-	-	1	-	-	-
acres	(D)	-	-	-	(D)	-	-	-
Farms by bearing and nonbearing acres:								
0.1 to 4.9 acres	4	8	25	7	12	6	7	2
5.0 to 24.9 acres	3	1	6	3	2	-	1	1
25.0 to 99.9 acres	-	-	-	-	-	-	-	-
100.0 to 249.9 acres	-	-	-	-	-	-	-	-
250.0 acres or more	-	-	-	-	-	-	-	-

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

Table 1. County Summary Highlights: 1987

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

Item	Vermont	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin
Farms ... number	5 877	714	169	461	452	81	786
Land in farms ... acres	1 407 868	220 949	32 825	102 126	98 069	22 237	214 344
Average size of farm ... acres	240	309	194	222	217	275	273
Value of land and buildings[1]:							
Average per farm ... dollars	258 713	295 510	246 101	194 631	331 435	213 556	205 616
Average per acre ... dollars	1 124	1 019	1 297	921	1 768	778	797
Estimated market value of all machinery and equipment[1]:							
Average per farm ... dollars	46 090	66 873	34 111	48 909	34 915	46 002	59 383
Farms by size:							
1 to 9 acres	281	39	14	14	28	2	35
10 to 49 acres	834	99	38	65	99	6	73
50 to 179 acres	1 800	136	61	168	134	25	196
180 to 499 acres	2 320	301	41	172	140	37	386
500 to 999 acres	559	119	12	37	44	9	82
1,000 acres or more	83	20	3	5	7	2	14
*Total cropland ... farms	5 506	681	149	440	415	79	734
acres	707 970	145 645	13 226	46 556	53 177	9 122	114 737
Harvested cropland ... farms	5 069	633	135	402	359	74	689
acres	488 253	111 465	8 629	32 417	34 762	6 611	78 056
Irrigated land ... farms	178	28	9	5	18	3	18
acres	1 823	385	13	(D)	244	9	487
Market value of agricultural products sold ... $1,000	375 537	75 677	6 666	23 438	22 036	4 964	78 563
Average per farm ... dollars	63 899	105 990	39 446	50 843	48 753	61 281	99 953
Crops, including nursery and greenhouse crops ... $1,000	25 186	6 119	1 508	1 047	2 520	405	1 226
Livestock, poultry, and their products ... $1,000	350 351	69 558	5 158	22 392	19 516	4 558	77 337
Farms by value of sales:							
Less than $2,500	1 523	118	64	124	141	21	99
$2,500 to $4,999	589	47	23	57	55	8	49
$5,000 to $9,999	480	57	17	34	47	7	39
$10,000 to $24,999	453	51	14	43	43	11	42
$25,000 to $49,999	446	46	8	34	28	1	56
$50,000 to $99,999	992	105	20	93	57	15	179
$100,000 or more	1 394	290	23	76	81	18	322
Operators by principal occupation:							
Farming	3 762	509	92	296	241	52	600
Other	2 115	205	77	165	211	29	186
Operators by days worked off farm:							
Any	2 695	284	86	223	242	37	274
200 days or more	1 598	163	47	130	163	26	164
Average age of operator ... years	50.4	48.7	52.5	48.8	50.3	53.2	48.0
Total farm production expenses[1] ... $1,000	289 945	57 697	4 964	18 291	17 208	4 298	59 095
Average per farm ... dollars	49 302	80 582	29 548	39 505	37 986	53 057	75 185
Livestock and poultry:							
Cattle and calves inventory ... farms	4 128	535	96	324	263	62	682
number	320 189	63 705	4 923	19 685	18 737	4 269	66 077
Beef cows ... farms	1 180	120	45	85	92	21	102
number	9 805	1 222	353	650	717	260	732
Milk cows ... farms	2 846	400	49	219	150	36	553
number	178 967	33 440	2 355	10 781	9 586	2 300	42 191
Cattle and calves sold ... farms	3 919	516	82	311	252	51	676
number	170 741	32 105	2 549	10 856	9 645	2 210	41 945
Hogs and pigs inventory ... farms	370	34	12	24	27	2	28
number	5 133	222	(D)	82	679	(D)	731
Hogs and pigs sold ... farms	239	20	8	16	19	2	19
number	7 595	742	(D)	89	435	(D)	665
Sheep and lambs inventory ... farms	605	69	27	44	53	-	41
number	20 456	4 454	785	1 058	1 405	-	1 074
Chickens 3 months old or older inventory ... farms	649	70	23	55	43	3	41
number	405 869	(D)	917	(D)	(D)	18	(D)
Broilers and other meat-type chickens sold ... farms	53	3	3	4	1	-	5
number	5 231	(D)	195	110	(D)	-	560
Selected crops harvested:							
Corn for grain or seed ... farms	210	83	12	3	12	1	26
acres	11 191	4 690	369	(D)	762	(D)	1 427
bushels	1 031 941	425 189	34 365	(D)	70 084	(D)	141 542
Corn for silage or green chop ... farms	1 481	290	33	85	78	17	296
acres	70 258	14 734	1 509	3 046	4 626	1 021	14 968
tons, green	1 154 813	220 402	22 495	52 848	77 036	19 206	262 180
Oats for grain ... farms	42	10	4	2	3	-	7
acres	646	244	27	(D)	(D)	-	78
bushels	28 475	8 518	1 310	(D)	(D)	-	5 020
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ... farms	4 640	581	108	380	316	69	658
acres	432 881	100 418	6 605	30 288	30 689	6 349	66 172
tons, dry	869 548	201 897	14 785	53 884	56 362	11 634	149 858
Vegetables harvested for sale (see text) ... farms	230	20	13	14	25	3	14
acres	2 038	118	110	44	505	9	87
Land in orchards ... farms	221	32	14	12	21	1	6
acres	4 797	2 152	(D)	21	179	(D)	39

See footnotes at end of table.

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

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

Item	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
Farms ... number	127	213	560	616	516	361	287	534
Land in farms ... acres	28 234	44 895	113 305	168 175	140 177	71 628	53 474	97 430
Average size of farm ... acres	222	211	202	273	272	198	186	182
Value of land and buildings[1]:								
Average per farm ... dollars	247 126	228 460	229 743	221 862	331 237	235 975	294 167	305 949
Average per acre ... dollars	1 117	1 165	1 146	841	1 182	1 274	1 707	1 622
Estimated market value of all machinery and equipment[1]:								
Average per farm ... dollars	49 972	36 757	41 474	45 151	43 158	34 933	43 119	29 916
Farms by size:								
1 to 9 acres	6	19	17	19	19	13	22	34
10 to 49 acres	20	32	75	44	81	56	57	89
50 to 179 acres	35	63	209	181	157	126	102	207
180 to 499 acres	53	83	223	297	181	149	84	173
500 to 999 acres	13	13	36	68	64	15	17	30
1,000 acres or more	-	3	-	7	14	2	5	1
Total cropland ... farms	117	195	543	578	487	339	261	488
acres	20 539	21 575	49 193	87 154	61 167	29 441	19 834	36 604
Harvested cropland ... farms	114	175	496	531	452	315	239	455
acres	15 557	14 418	30 806	56 462	39 508	20 706	14 538	24 318
Irrigated land ... farms	9	5	11	7	17	14	16	18
acres	142	6	89	(D)	90	40	91	102
Market value of agricultural products sold ... $1,000	8 024	14 098	24 765	49 156	26 334	14 781	13 466	13 567
Average per farm ... dollars	63 184	66 187	44 223	79 799	51 035	40 946	46 920	25 407
Crops, including nursery and greenhouse crops ... $1,000	1 193	697	1 539	1 290	1 746	926	3 291	1 678
Livestock, poultry, and their products ... $1,000	6 831	13 401	23 226	47 866	24 588	13 855	10 175	11 889
Farms by value of sales:								
Less than $2,500	24	54	170	98	145	119	118	228
$2,500 to $4,999	8	22	59	35	69	41	39	77
$5,000 to $9,999	13	12	55	34	32	50	25	58
$10,000 to $24,999	17	15	41	31	45	34	20	46
$25,000 to $49,999	18	25	44	82	36	18	20	30
$50,000 to $99,999	19	31	109	164	84	48	21	47
$100,000 or more	28	54	82	172	105	51	44	48
Operators by principal occupation:								
Farming	89	130	352	462	309	193	165	272
Other	38	83	208	154	207	168	122	262
Operators by days worked off farm:								
Any	52	89	293	245	246	181	148	295
200 days or more	38	49	160	112	149	109	88	200
Average age of operator ... years	50.3	49.5	51.8	48.5	51.3	52.5	52.7	54.3
Total farm production expenses[1] ... $1,000	6 318	9 431	18 256	39 452	19 869	12 537	11 162	11 368
Average per farm ... dollars	49 752	44 278	32 541	64 045	38 357	34 921	38 893	21 328
Livestock and poultry:								
Cattle and calves inventory ... farms	84	149	381	486	337	229	165	335
number	6 969	11 017	22 259	43 577	23 447	13 205	8 789	13 530
Beef cows ... farms	17	44	117	77	101	94	79	186
number	133	242	704	448	1 185	941	639	1 579
Milk cows ... farms	55	106	267	418	223	141	80	149
number	3 697	6 573	11 863	27 642	11 858	6 489	4 484	5 708
Cattle and calves sold ... farms	77	144	357	490	323	208	138	294
number	3 552	6 722	10 462	20 920	11 839	6 603	4 948	6 385
Hogs and pigs inventory ... farms	10	17	53	27	33	34	20	49
number	64	89	263	112	1 000	190	563	1 060
Hogs and pigs sold ... farms	7	8	33	15	23	28	9	32
number	84	92	861	289	1 447	330	926	1 356
Sheep and lambs inventory ... farms	11	21	88	39	48	46	32	86
number	169	1 197	2 662	461	1 194	962	2 175	2 860
Chickens 3 months old or older inventory ... farms	11	20	76	58	57	57	53	82
number	267	(D)	2 399	1 491	7 063	(D)	4 549	2 397
Broilers and other meat-type chickens sold ... farms	-	2	8	6	5	7	1	8
number	-	(D)	171	289	215	2 065	(D)	1 185
Selected crops harvested:								
Corn for grain or seed ... farms	10	12	9	3	21	2	5	11
acres	501	454	305	115	1 443	(D)	446	533
bushels	49 150	41 814	28 586	(D)	110 606	(D)	50 325	57 240
Corn for silage or green chop ... farms	48	49	129	90	167	56	46	97
acres	2 263	2 278	3 834	6 470	7 235	2 459	2 544	3 271
tons, green	34 727	41 534	65 282	109 463	105 398	45 256	50 340	48 646
Oats for grain ... farms	5	1	-	6	3	1	-	-
acres	45	(D)	-	68	101	(D)	-	-
bushels	1 550	(D)	-	2 970	(D)	(D)	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ... farms	103	156	460	515	411	285	190	408
acres	13 809	12 345	28 712	52 037	33 702	18 889	11 031	21 835
tons, dry	29 492	25 371	56 243	107 534	64 634	38 729	21 233	37 892
Vegetables harvested for sale (see text) ... farms	5	7	22	9	28	18	25	27
acres	67	54	170	37	202	141	329	166
Land in orchards ... farms	10	4	16	15	15	21	28	26
acres	233	12	135	64	318	79	890	265

[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	Vermont	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) ..... farms, 1987	5 877	714	169	461	452	81	786
1982	6 315	748	193	491	505	90	795
$1,000, 1987	375 537	75 677	6 666	23 438	22 036	4 964	78 563
1982	369 402	72 835	7 380	22 570	25 158	4 779	71 084
Average per farm ..... dollars, 1987	63 899	105 990	39 446	50 843	48 753	61 281	99 953
1982	58 496	97 373	38 238	45 968	49 817	53 104	89 414
1987 value of sales:							
Less than $1,000 ..... farms	820	63	38	79	69	11	45
$1,000	228	17	9	25	18	3	16
$1,000 to $2,499 ..... farms	703	55	26	45	72	10	54
$1,000	1 111	67	42	70	110	16	89
$2,500 to $4,999 ..... farms	589	47	23	57	55	8	49
$1,000	2 078	163	86	203	188	27	170
$5,000 to $9,999 ..... farms	480	57	17	34	47	7	39
$1,000	3 272	386	126	224	317	51	267
$10,000 to $19,999 ..... farms	347	36	13	37	37	8	31
$1,000	4 889	557	187	506	531	(D)	450
$20,000 to $24,999 ..... farms	106	15	1	6	6	3	11
$1,000	2 375	339	(D)	128	133	(D)	242
$25,000 to $39,999 ..... farms	263	32	5	14	17	1	35
$1,000	8 458	1 034	(D)	444	530	(D)	1 137
$40,000 to $49,999 ..... farms	183	14	3	20	11	-	21
$1,000	8 157	624	(D)	896	485	-	938
$50,000 to $99,999 ..... farms	992	105	20	93	57	15	179
$1,000	72 953	7 718	(D)	6 901	4 034	1 125	13 706
$100,000 to $249,999 ..... farms	1 158	210	20	69	64	14	274
$1,000	176 612	33 891	(D)	10 183	9 144	(D)	42 906
$250,000 to $499,999 ..... farms	194	64	2	5	14	3	39
$1,000	63 488	20 473	(D)	(D)	4 431	1 087	12 381
$500,000 or more ..... farms	42	16	1	2	3	1	9
$1,000	31 916	10 388	(D)	(D)	2 115	(D)	6 241
1982 value of sales[1]:							
Less than $1,000 ..... farms	906	62	44	75	80	17	46
$1,000	262	(D)	11	22	(D)	6	15
$1,000 to $2,499 ..... farms	755	69	32	70	71	14	46
$1,000	1 222	116	55	114	(D)	25	76
$2,500 to $4,999 ..... farms	593	49	21	58	52	7	24
$1,000	2 112	175	73	211	182	24	86
$5,000 to $9,999 ..... farms	444	41	18	41	35	7	42
$1,000	3 091	282	121	276	259	60	274
$10,000 to $19,999 ..... farms	349	27	12	26	36	5	33
$1,000	5 015	370	171	396	521	71	456
$20,000 to $24,999 ..... farms	120	12	4	12	7	1	17
$1,000	2 676	275	93	267	162	(D)	379
$25,000 to $39,999 ..... farms	363	27	7	40	30	3	45
$1,000	11 875	870	238	1 278	964	(D)	1 476
$40,000 to $49,999 ..... farms	252	27	2	25	22	7	35
$1,000	11 268	1 215	(D)	1 112	969	(D)	1 586
$50,000 to $99,999 ..... farms	1 192	127	26	77	88	14	212
$1,000	87 664	9 794	(D)	5 403	6 298	(D)	15 749
$100,000 to $249,999 ..... farms	1 154	257	25	59	67	10	261
$1,000	171 788	40 867	(D)	8 680	10 408	1 385	38 273
$250,000 to $499,999 ..... farms	153	42	2	7	14	5	30
$1,000	50 349	13 936	(D)	(D)	(D)	1 679	9 876
$500,000 or more ..... farms	26	7	-	1	1	-	4
$1,000	21 395	4 891	-	(D)	(D)	-	2 839
Sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops ..... farms, 1987	2 026	231	70	185	176	35	178
1982	1 980	224	72	179	185	28	158
$1,000, 1987	25 186	6 119	1 508	1 047	2 520	405	1 226
1982	20 054	4 410	1 182	1 231	1 816	376	1 020
Grains ..... farms, 1987	85	30	5	4	10	2	4
1982	110	29	4	6	15	2	15
$1,000, 1987	574	168	(D)	(D)	(D)	(D)	(D)
1982	907	173	8	39	(D)	(D)	159
Corn for grain ..... farms, 1987	55	20	5	1	5	1	3
1982	64	15	4	4	10	1	8
$1,000, 1987	461	144	(D)	(D)	72	(D)	(D)
1982	777	119	8	(D)	152	(D)	149
Wheat ..... farms, 1987	15	8	-	1	-	-	-
1982	13	9	-	-	1	-	-
$1,000, 1987	31	11	-	(D)	-	-	-
1982	32	22	-	-	(D)	-	-
Soybeans ..... farms, 1987	1	-	-	-	1	-	-
1982	2	2	-	-	-	-	-
$1,000, 1987	(D)	-	-	-	(D)	-	-
1982	(D)	(D)	-	-	-	-	-
Sorghum for grain ..... farms, 1987	1	-	-	-	1	-	-
1982	-	-	-	-	-	-	-
$1,000, 1987	(D)	-	-	-	(D)	-	-
1982	-	-	-	-	-	-	-
Barley ..... farms, 1987	11	5	-	1	1	1	1
1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
$1,000, 1987	34	(D)	-	(D)	(D)	(D)	(D)
1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats ..... farms, 1987	3	1	-	-	2	-	-
1982	19	2	-	1	2	1	6
$1,000, 1987	(D)	(D)	-	-	(D)	-	-
1982	(D)	(D)	-	(D)	(D)	(D)	(D)
Other grains[2] ..... farms, 1987	7	1	-	1	2	-	-
1982	21	5	-	1	3	1	3
$1,000, 1987	20	(D)	-	(D)	(D)	-	-
1982	61	12	-	(D)	12	(D)	(D)

See footnotes at end of table.

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

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

Item	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) ..... farms, 1987	127	213	560	616	516	361	287	534
1982	139	255	600	654	561	399	298	587
$1,000, 1987	8 024	14 098	24 765	49 156	26 334	14 781	13 466	13 567
1982	7 528	15 261	25 179	46 612	27 909	13 727	13 838	15 542
Average per farm ..... dollars, 1987	63 184	66 187	44 223	79 799	51 035	40 946	46 920	25 407
1982	54 159	59 845	41 964	71 272	49 748	34 405	46 435	26 478
1987 value of sales:								
Less than $1,000 ..... farms	14	26	86	51	83	77	53	125
$1,000	3	5	30	18	20	17	14	35
$1,000 to $2,499 ..... farms	10	28	84	47	62	42	65	103
$1,000	16	44	140	72	92	62	107	165
$2,500 to $4,999 ..... farms	8	22	59	35	69	41	39	77
$1,000	29	76	216	118	249	150	135	267
$5,000 to $9,999 ..... farms	13	12	55	34	32	50	25	58
$1,000	92	72	359	235	216	327	181	399
$10,000 to $19,999 ..... farms	15	11	35	16	32	28	14	34
$1,000	(D)	158	497	235	430	377	198	450
$20,000 to $24,999 ..... farms	2	4	6	15	13	6	6	12
$1,000	(D)	91	133	345	291	135	140	263
$25,000 to $39,999 ..... farms	10	10	29	48	20	12	10	20
$1,000	(D)	343	906	1 548	651	394	329	603
$40,000 to $49,999 ..... farms	8	15	15	34	16	6	10	10
$1,000	(D)	672	666	1 515	721	271	435	455
$50,000 to $99,999 ..... farms	19	31	109	164	84	48	21	47
$1,000	(D)	2 322	7 998	11 803	5 965	3 449	1 552	3 408
$100,000 to $249,999 ..... farms	24	46	71	152	96	40	33	45
$1,000	3 866	7 128	10 307	22 474	14 745	6 027	4 659	6 286
$250,000 to $499,999 ..... farms	4	7	11	17	9	10	7	2
$1,000	1 471	(D)	3 514	5 942	2 956	(D)	2 411	(D)
$500,000 or more ..... farms	-	1	-	3	-	1	4	1
$1,000	-	(D)	-	4 850	-	(D)	3 307	(D)
1982 value of sales[1]:								
Less than $1,000 ..... farms	15	45	102	52	75	102	68	123
$1,000	3	13	(D)	15	18	(D)	(D)	(D)
$1,000 to $2,499 ..... farms	9	35	85	43	70	49	50	112
$1,000	11	57	136	71	112	(D)	(D)	(D)
$2,500 to $4,999 ..... farms	15	18	54	49	61	52	35	98
$1,000	57	71	190	178	209	181	122	353
$5,000 to $9,999 ..... farms	11	12	44	29	49	32	24	59
$1,000	71	84	311	201	352	227	166	408
$10,000 to $19,999 ..... farms	15	13	33	35	36	19	22	37
$1,000	220	174	466	529	522	275	319	524
$20,000 to $24,999 ..... farms	2	2	14	17	8	12	5	7
$1,000	(D)	(D)	301	376	170	279	(D)	151
$25,000 to $39,999 ..... farms	12	17	41	56	33	20	6	26
$1,000	(D)	(D)	1 371	1 859	1 110	639	(D)	829
$40,000 to $49,999 ..... farms	2	14	34	35	21	12	7	9
$1,000	(D)	622	1 527	1 548	938	525	301	409
$50,000 to $99,999 ..... farms	32	44	115	190	97	56	41	73
$1,000	(D)	3 171	8 398	13 646	7 295	4 143	3 032	5 319
$100,000 to $249,999 ..... farms	23	45	68	133	104	38	27	37
$1,000	3 344	6 889	9 800	19 217	15 084	5 226	(D)	5 026
$250,000 to $499,999 ..... farms	3	8	8	11	7	6	6	4
$1,000	961	(D)	2 440	3 906	2 099	(D)	1 874	(D)
$500,000 or more ..... farms	-	2	-	4	-	-	6	1
$1,000	-	(D)	-	5 067	-	-	3 705	(D)
Sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms, 1987	51	65	201	165	197	130	134	208
1982	55	63	195	170	166	140	119	226
$1,000, 1987	1 193	697	1 539	1 290	1 746	926	3 291	1 678
1982	960	674	1 081	1 059	1 551	655	2 762	1 277
Grains ..... farms, 1987	5	3	3	3	9	-	1	6
1982	10	4	2	5	11	2	1	4
$1,000, 1987	(D)	(D)	(D)	(D)	44	-	(D)	40
1982	37	(D)	(D)	24	96	(D)	(D)	(D)
Corn for grain ..... farms, 1987	3	2	1	-	7	-	1	6
1982	3	2	2	1	9	1	1	3
$1,000, 1987	(D)	(D)	(D)	-	(D)	-	(D)	40
1982	(D)	(D)	(D)	(D)	94	(D)	(D)	(D)
Wheat ..... farms, 1987	1	1	2	1	1	-	-	-
1982	2	1	-	-	-	-	-	-
$1,000, 1987	(D)	(D)	(D)	(D)	(D)	-	-	-
1982	(D)	(D)	-	-	-	-	-	-
Soybeans ..... farms, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
$1,000, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
Sorghum for grain ..... farms, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
$1,000, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
Barley ..... farms, 1987	-	-	-	2	-	-	-	-
1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
$1,000, 1987	-	-	-	(D)	-	-	-	-
1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Oats ..... farms, 1987	-	-	-	-	-	-	-	-
1982	4	-	-	-	2	1	-	-
$1,000, 1987	-	-	-	-	-	-	-	-
1982	7	-	-	-	(D)	(D)	-	-
Other grains[2] ..... farms, 1987	1	-	-	1	1	-	-	-
1982	1	1	-	4	1	-	-	1
$1,000, 1987	(D)	-	-	(D)	(D)	-	-	-
1982	(D)	(D)	-	(D)	(D)	-	-	(D)

See footnotes at end of table.

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

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

Item	Vermont	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD—Con.							
Total sales (see text)-Con.							
Sales by commodity or commodity group-Con.							
Crops, including nursery and greenhouse crops-Con.							
Cotton and cottonseed ..... farms, 1987	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-
$1,000, 1987	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-
Tobacco ..... farms, 1987	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-
$1,000, 1987	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-
Hay, silage, and field seeds ..... farms, 1987	1 588	174	45	156	135	30	145
1982	1 532	160	48	151	140	24	128
$1,000, 1987	8 219	1 481	204	680	837	180	690
1982	6 441	863	190	507	732	154	594
Vegetables, sweet corn, and melons ..... farms, 1987	230	20	13	14	25	3	14
1982	228	21	15	16	17	2	19
$1,000, 1987	2 501	173	116	31	473	10	153
1982	1 579	86	108	52	363	(D)	50
Fruits, nuts, and berries ..... farms, 1987	198	34	15	6	17	-	7
1982	207	40	11	3	18	2	3
$1,000, 1987	8 513	3 719	(D)	(D)	417	-	77
1982	7 597	2 862	602	(D)	147	(D)	(D)
Nursery and greenhouse crops ..... farms, 1987	197	22	12	14	19	2	12
1982	174	21	11	8	24	-	9
$1,000, 1987	4 983	575	544	296	678	(D)	282
1982	2 978	423	269	399	404	-	144
Other crops ..... farms, 1987	52	4	-	5	4	2	4
1982	56	5	3	3	3	3	5
$1,000, 1987	397	3	-	24	(D)	(D)	(D)
1982	552	3	5	(D)	(D)	(D)	(D)
Livestock, poultry, and their products ..... farms, 1987	4 668	611	110	361	338	54	715
1982	5 231	645	146	396	392	74	735
$1,000, 1987	350 351	69 558	5 158	22 392	19 516	4 558	77 337
1982	349 348	68 425	6 198	21 339	23 342	4 403	70 064
Poultry and poultry products ..... farms, 1987	371	34	13	32	32	1	30
1982	487	47	16	38	47	6	27
$1,000, 1987	5 224	(D)	5	(D)	(D)	(D)	(D)
1982	6 152	(D)	8	(D)	(D)	3	(D)
Dairy products ..... farms, 1987	2 691	401	44	204	142	33	544
1982	3 230	473	58	232	209	41	601
$1,000, 1987	298 527	60 012	4 143	18 098	15 270	4 008	66 694
1982	304 080	60 671	5 380	16 490	19 709	3 946	61 778
Cattle and calves ..... farms, 1987	3 919	516	82	311	252	51	676
1982	4 620	579	117	346	344	70	716
$1,000, 1987	42 148	8 059	817	2 364	2 529	541	9 774
1982	35 955	6 347	657	1 955	2 644	451	7 814
Hogs and pigs ..... farms, 1987	239	20	8	16	19	2	19
1982	385	48	16	28	25	2	20
$1,000, 1987	660	(D)	26	(D)	(D)	(D)	64
1982	499	51	22	32	25	(D)	25
Sheep, lambs, and wool ..... farms, 1987	576	66	24	47	55	2	32
1982	480	38	19	50	32	2	22
$1,000, 1987	1 354	392	40	55	135	(D)	(D)
1982	623	72	29	46	35	(D)	16
Other livestock and livestock products (see text) ..... farms, 1987	451	57	19	39	51	2	17
1982	460	54	23	36	46	2	29
$1,000, 1987	2 438	280	128	293	312	(D)	190
1982	2 040	(D)	101	(D)	(D)	(D)	(D)
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)	9	1	-	1	1	1	-
Field crops, except cash grains (013)	818	59	25	80	70	21	59
Cotton (0131)	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	818	59	25	80	70	21	59
Vegetables and melons (016)	104	8	5	7	8	2	9
Fruits and tree nuts (017)	136	28	8	3	19	1	3
Horticultural specialties (018)	137	19	11	10	13	2	9
General farms, primarily crop (019)	214	18	11	22	11	4	8
Livestock, except dairy, poultry, and animal specialties (021)	1 436	139	51	110	134	17	141
Beef cattle, except feedlots (0212)	870	86	25	74	74	13	103
Dairy farms (024)	2 586	391	39	197	133	30	534
Poultry and eggs (025)	62	7	1	3	8	-	12
Animal specialties (027)	307	37	16	24	49	2	9
General farms, primarily livestock and animal specialties (029)	68	7	2	4	6	1	2

See footnotes at end of table.

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

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

Item	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
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	39	47	165	150	151	106	85	160
1982	45	46	159	155	120	115	66	175
$1,000, 1987	330	319	619	906	632	397	274	672
1982	356	343	489	782	392	405	218	416
Vegetables, sweet corn, and melons ..... farms, 1987	5	7	22	9	28	18	25	27
1982	6	8	18	9	23	15	29	30
$1,000, 1987	75	(D)	337	41	(D)	204	445	148
1982	(D)	(D)	73	40	163	84	366	129
Fruits, nuts, and berries ..... farms, 1987	7	5	24	5	18	14	30	16
1982	6	6	21	5	29	10	30	23
$1,000, 1987	559	7	129	(D)	440	(D)	2 111	(D)
1982	485	12	177	(D)	772	61	1 883	504
Nursery and greenhouse crops ..... farms, 1987	5	11	16	9	18	16	20	21
1982	4	6	11	13	13	12	24	18
$1,000, 1987	(D)	204	354	304	351	274	404	455
1982	(D)	218	250	189	105	97	(D)	180
Other crops ..... farms, 1987	-	4	5	5	6	1	5	7
1982	-	2	8	3	6	3	7	5
$1,000, 1987	-	36	(D)	9	(D)	(D)	(D)	(D)
1982	-	(D)	(D)	(D)	24	(D)	4	(D)
Livestock, poultry, and their products ..... farms, 1987	88	169	462	520	384	269	188	399
1982	110	208	513	573	469	295	210	465
$1,000, 1987	6 831	13 401	23 226	47 866	24 588	13 855	10 175	11 889
1982	6 568	14 586	24 097	45 553	26 358	13 073	11 076	14 266
Poultry and poultry products ..... farms, 1987	5	13	49	37	25	36	18	46
1982	3	20	57	37	35	42	44	68
$1,000, 1987	2	444	28	39	111	(D)	(D)	18
1982	(D)	(D)	61	(D)	125	(D)	343	17
Dairy products ..... farms, 1987	54	95	240	422	205	123	62	122
1982	66	133	294	457	270	138	81	177
$1,000, 1987	5 904	11 098	19 799	43 526	20 805	11 713	8 190	9 269
1982	5 806	12 596	21 169	41 282	23 098	11 149	9 086	11 921
Cattle and calves ..... farms, 1987	77	144	357	490	323	208	138	294
1982	101	183	434	539	406	238	165	382
$1,000, 1987	866	1 732	2 914	4 192	3 206	1 698	1 366	2 091
1982	715	1 424	2 607	4 031	2 756	1 486	1 228	1 841
Hogs and pigs ..... farms, 1987	7	8	33	15	23	28	9	32
1982	12	20	39	31	35	32	25	52
$1,000, 1987	(D)	9	73	31	104	35	(D)	136
1982	20	25	35	(D)	67	39	31	105
Sheep, lambs, and wool ..... farms, 1987	8	21	82	31	46	45	33	84
1982	4	26	65	32	36	43	23	88
$1,000, 1987	(D)	95	157	32	39	58	84	212
1982	3	48	75	(D)	51	38	27	131
Other livestock and livestock products (see text) ..... farms, 1987	7	15	45	22	41	41	29	66
1982	5	12	46	26	49	39	25	68
$1,000, 1987	44	23	256	46	322	(D)	272	164
1982	(D)	(D)	149	32	261	(D)	361	251
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	1	-	-	-	1	-	1	2
Field crops, except cash grains (013)	22	27	92	80	87	56	48	92
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	22	27	92	80	87	56	48	92
Vegetables and melons (016)	4	3	10	1	16	10	13	8
Fruits and tree nuts (017)	8	2	11	4	10	5	24	10
Horticultural specialties (018)	1	8	6	7	13	10	12	16
General farms, primarily crop (019)	6	9	22	11	24	20	13	35
Livestock, except dairy, poultry, and animal specialties (021)	25	54	161	82	124	108	83	207
Beef cattle, except feedlots (0212)	21	29	87	62	74	64	47	111
Dairy farms (024)	53	93	226	405	196	115	59	115
Poultry and eggs (025)	-	3	4	1	3	10	7	3
Animal specialties (027)	6	11	21	16	36	22	20	38
General farms, primarily livestock and animal specialties (029)	1	3	7	9	6	5	7	8

[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		Vermont	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin
Total farm production expenses	farms, 1987	5 881	716	168	463	453	81	786
	$1,000, 1987	289 945	57 697	4 964	18 291	17 208	4 298	59 095
Average per farm	dollars, 1987	49 302	80 582	29 548	39 505	37 986	53 057	75 185
Livestock and poultry purchased	farms, 1987	2 422	282	38	199	200	29	487
	1982	2 547	296	52	205	172	27	411
	$1,000, 1987	19 702	2 927	241	1 450	1 619	240	6 074
	1982	16 157	1 915	177	1 473	1 261	111	3 743
Feed for livestock and poultry	farms, 1987	4 533	601	114	355	319	51	710
	1982	5 175	636	148	415	381	73	701
	$1,000, 1987	89 318	16 592	1 301	6 079	4 541	1 261	20 285
	1982	103 934	18 179	1 692	7 260	6 802	1 396	21 767
Commercially mixed formula feeds	farms, 1987	3 488	531	78	237	203	39	606
	1982	3 942	523	85	303	288	51	648
	$1,000, 1987	69 992	13 301	911	5 271	3 444	1 058	15 836
	1982	79 755	13 031	1 418	5 923	5 536	1 130	16 747
Seeds, bulbs, plants, and trees	farms, 1987	2 431	402	80	144	132	28	405
	1982	2 667	451	88	131	240	35	448
	$1,000, 1987	2 983	678	85	123	184	45	506
	1982	2 866	771	152	91	276	39	474
Commercial fertilizer[1]	farms, 1987	3 425	457	92	330	212	46	528
	1982	3 588	515	101	271	233	43	521
	$1,000, 1987	9 015	1 891	176	676	458	124	1 691
	1982	8 919	2 109	207	528	510	113	1 608
Agricultural chemicals[1]	farms, 1987	2 109	364	65	128	214	33	331
	1982	1 872	355	79	85	106	26	301
	$1,000, 1987	2 816	917	83	83	185	(D)	452
	1982	2 018	626	91	52	162	36	287
Petroleum products	farms, 1987	5 470	699	157	435	408	79	759
	1982	6 274	748	193	485	504	89	777
	$1,000, 1987	10 935	2 139	246	714	557	194	1 847
	1982	16 168	3 222	394	949	1 235	215	2 588
Gasoline and gasohol	farms, 1987	4 755	586	142	376	340	73	657
	1982	5 910	706	188	452	463	85	719
	$1,000, 1987	4 765	727	113	346	222	93	757
	1982	7 358	1 138	217	472	517	101	1 093
Diesel fuel	farms, 1987	3 513	561	97	252	244	46	531
	1982	3 722	540	76	250	252	50	575
	$1,000, 1987	4 392	1 071	93	222	234	68	782
	1982	6 131	1 517	113	277	480	79	1 103
Natural gas	farms, 1987	163	20	2	6	17	-	28
	1982	58	5	-	7	1	1	10
	$1,000, 1987	184	19	(D)	7	17	-	48
	1982	29	4	-	4	(D)	(D)	4
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1987	4 208	564	89	355	272	65	671
	1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	$1,000, 1987	1 593	323	(D)	139	84	34	261
	1982	2 650	562	64	195	(D)	(D)	388
Electricity	farms, 1987	4 883	674	111	351	372	67	776
	1982	5 204	647	133	345	387	72	720
	$1,000, 1987	10 851	2 136	191	592	643	125	2 375
	1982	8 753	1 762	203	496	682	115	1 649
Hired farm labor	farms, 1987	3 028	437	61	231	205	38	503
	1982	3 424	492	84	203	256	46	555
	$1,000, 1987	31 704	7 483	801	1 339	2 141	397	5 745
	1982	28 865	5 493	792	1 584	2 284	349	5 278
Contract labor	farms, 1987	558	99	18	42	30	7	61
	1982	241	29	12	14	22	3	35
	$1,000, 1987	1 515	333	57	47	133	(D)	199
	1982	435	113	8	15	23	(D)	43
Repair and maintenance	farms, 1987	5 045	667	132	389	388	67	734
	$1,000, 1987	20 056	4 153	339	1 229	1 180	323	3 556
Customwork, machine hire, and rental of machinery and equipment[2]	farms, 1987	1 612	248	24	137	83	25	278
	1982	1 469	229	42	96	87	18	244
	$1,000, 1987	2 702	602	17	128	143	50	522
	1982	1 936	327	37	73	151	33	366
Interest paid[3]	farms, 1987	3 187	529	52	227	203	34	542
	1982	3 135	455	75	217	240	34	571
	$1,000, 1987	22 539	4 757	338	1 491	1 078	348	4 157
	1982	25 245	5 231	375	1 505	1 843	329	4 765
Interest paid on debt:								
Secured by real estate	farms, 1987	2 408	428	30	205	159	28	422
	$1,000, 1987	17 635	3 746	211	1 276	876	283	3 195
Not secured by real estate	farms, 1987	1 604	258	34	96	83	20	251
	$1,000, 1987	4 904	1 011	127	216	202	65	962
Cash rent	farms, 1987	1 777	242	45	127	125	23	249
	$1,000, 1987	4 688	842	108	252	450	119	597
Property taxes paid	farms, 1987	5 552	689	153	449	406	79	754
	$1,000, 1987	14 467	2 596	326	855	997	136	2 271
All other farm production expenses	farms, 1987	5 505	687	156	433	398	77	769
	$1,000, 1987	46 654	9 649	655	3 232	2 900	773	8 816

See footnotes at end of table.

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

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

Item		Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
Total farm production expenses	farms, 1987	127	213	561	616	518	359	287	533
	$1,000, 1987	6 318	9 431	18 256	39 452	19 869	12 537	11 162	11 368
Average per farm	dollars, 1987	49 752	44 278	32 541	64 045	38 357	34 921	38 893	21 328
Livestock and poultry purchased	farms, 1987	59	83	197	300	190	89	110	159
	1982	59	93	187	309	243	129	93	271
	$1,000, 1987	577	969	615	2 367	992	374	536	720
	1982	307	916	817	2 914	975	512	526	511
Feed for livestock and poultry	farms, 1987	94	161	429	540	356	251	197	355
	1982	105	219	529	584	443	279	196	466
	$1,000, 1987	1 444	3 027	5 332	14 379	5 767	3 707	2 760	2 841
	1982	1 697	4 104	8 105	14 158	8 051	3 797	2 712	4 216
Commercially mixed formula feeds	farms, 1987	75	127	294	493	246	192	128	239
	1982	83	160	377	492	337	183	116	296
	$1,000, 1987	1 164	2 358	3 973	11 638	4 473	2 968	1 453	2 145
	1982	1 215	3 256	6 620	10 739	6 027	3 288	1 956	2 870
Seeds, bulbs, plants, and trees	farms, 1987	70	82	217	195	256	122	109	189
	1982	79	79	255	196	276	139	85	165
	$1,000, 1987	114	78	198	256	300	149	164	103
	1982	89	64	176	169	247	89	117	113
Commercial fertilizer[1]	farms, 1987	71	124	297	401	260	202	145	260
	1982	80	138	323	417	279	151	165	351
	$1,000, 1987	172	316	467	1 206	694	308	398	437
	1982	231	281	586	1 061	635	235	412	404
Agricultural chemicals[1]	farms, 1987	71	62	192	111	209	125	76	128
	1982	55	56	184	96	222	87	98	122
	$1,000, 1987	82	(D)	133	132	272	(D)	195	97
	1982	91	49	76	124	168	44	139	74
Petroleum products	farms, 1987	117	203	527	592	465	324	277	428
	1982	139	255	592	654	561	399	298	580
	$1,000, 1987	327	315	920	1 226	875	484	530	560
	1982	387	588	1 219	1 813	1 407	631	578	942
Gasoline and gasohol	farms, 1987	100	166	501	490	421	258	250	395
	1982	124	227	559	632	532	380	281	562
	$1,000, 1987	125	103	529	509	436	187	311	307
	1982	154	275	644	921	691	274	322	538
Diesel fuel	farms, 1987	87	135	298	402	289	196	151	224
	1982	85	151	329	420	341	221	130	302
	$1,000, 1987	144	143	264	523	326	194	151	177
	1982	169	223	375	652	506	252	143	240
Natural gas	farms, 1987	4	12	2	39	15	3	5	10
	1982	1	1	6	19	3	1	1	2
	$1,000, 1987	3	(D)	(D)	17	17	5	10	8
	1982	(D)	(D)	6	5	1	(D)	(D)	(D)
LP gas, fuel oil, kerosene, motor oil, grease, etc.	farms, 1987	96	120	405	473	406	206	196	290
	1982	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
	$1,000, 1987	55	(D)	(D)	177	96	97	57	68
	1982	(D)	(D)	194	234	208	(D)	(D)	(D)
Electricity	farms, 1987	106	155	450	543	421	282	184	391
	1982	102	229	503	601	486	324	253	402
	$1,000, 1987	242	369	794	1 376	736	544	304	425
	1982	163	309	671	912	675	387	309	419
Hired farm labor	farms, 1987	65	93	269	391	255	146	120	214
	1982	72	134	304	381	356	147	139	255
	$1,000, 1987	799	978	1 752	3 504	2 082	1 759	1 864	1 062
	1982	559	1 304	1 707	2 787	2 312	1 020	1 526	1 870
Contract labor	farms, 1987	9	22	67	77	24	18	27	57
	1982	2	11	17	27	27	4	12	26
	$1,000, 1987	15	(D)	130	153	41	(D)	128	94
	1982	(D)	8	28	64	77	6	20	21
Repair and maintenance	farms, 1987	108	145	492	552	453	299	201	418
	$1,000, 1987	615	556	1 445	2 611	1 460	981	789	818
Customwork, machine hire, and rental of machinery and equipment[2]	farms, 1987	42	35	128	206	99	118	62	127
	1982	35	49	107	155	155	71	47	134
	$1,000, 1987	76	72	132	374	137	150	154	145
	1982	31	74	102	265	235	71	56	115
Interest paid[3]	farms, 1987	57	109	258	433	240	173	108	222
	1982	67	121	238	401	240	177	82	217
	$1,000, 1987	507	549	1 418	3 496	1 576	1 037	707	1 080
	1982	537	951	1 529	4 124	1 401	844	800	1 010
Interest paid on debt:									
Secured by real estate	farms, 1987	41	69	184	331	176	116	72	147
	$1,000, 1987	(D)	368	999	2 949	(D)	833	484	791
Not secured by real estate	farms, 1987	30	48	152	223	122	80	68	139
	$1,000, 1987	(D)	181	419	547	(D)	204	223	289
Cash rent	farms, 1987	54	80	159	234	170	74	71	124
	$1,000, 1987	154	225	308	654	486	205	158	131
Property taxes paid	farms, 1987	118	198	550	560	467	345	282	502
	$1,000, 1987	353	435	1 247	1 252	1 371	742	797	1 089
All other farm production expenses	farms, 1987	122	206	510	581	493	328	263	482
	$1,000, 1987	843	1 467	3 364	6 466	3 079	1 965	1 679	1 765

[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	Vermont	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin
NET CASH RETURN							
Net cash return from agricultural sales for the farm unit (see text)[1] ... farms, 1987	5 881	716	168	463	453	81	786
$1,000, 1987	83 417	17 113	1 835	5 533	2 961	666	18 925
Average per farm ... dollars, 1987	14 184	23 901	10 924	11 949	6 537	8 224	24 078
Farms with net gains[2] ... number, 1987	3 313	464	74	272	202	40	559
$1,000, 1987	99 348	19 189	2 202	6 286	4 141	993	21 023
Average per farm ... dollars, 1987	29 987	41 356	29 759	23 111	20 501	24 814	37 608
Farms with net losses ... number, 1987	2 568	252	94	191	251	41	227
$1,000, 1987	15 931	2 076	367	754	1 180	326	2 097
Average per farm ... dollars, 1987	6 204	8 239	3 904	3 946	4 701	7 961	9 240
GOVERNMENT PAYMENTS							
Total received ... farms, 1987	633	144	19	48	51	6	79
$1,000, 1987	3 882	762	42	120	265	8	601
Average per farm ... dollars, 1987	6 132	5 290	2 208	2 506	5 189	1 299	7 602
Amount received in cash ... farms, 1987	576	130	15	46	49	6	71
$1,000, 1987	3 448	585	31	102	236	(D)	553
Value of commodity certificates received ... farms, 1987	255	93	12	13	17	2	27
$1,000, 1987	433	176	11	18	28	(D)	47
OTHER FARM-RELATED INCOME							
Gross before taxes and expenses[1] ... farms, 1987	2 137	230	51	208	69	28	291
$1,000, 1987	7 556	492	156	784	428	91	1 118
Average per farm ... dollars, 1987	3 536	2 139	3 061	3 770	6 207	3 234	3 841
Customwork and other agricultural services[3] ... farms, 1987	419	60	22	45	8	3	48
1982	352	35	13	25	26	4	25
$1,000, 1987	1 163	141	35	203	(D)	(D)	64
1982	543	102	(D)	23	49	(D)	44
Rental of farmland ... farms, 1987	384	71	5	25	15	7	58
$1,000, 1987	850	82	36	50	(D)	(D)	82
Sales of forest products and Christmas trees ... farms, 1987	1 093	43	24	122	35	16	146
$1,000, 1987	3 764	206	78	421	100	51	481
Other farm-related income sources ... farms, 1987	845	112	10	59	35	10	145
$1,000, 1987	1 779	63	7	111	(D)	24	491
COMMODITY CREDIT CORPORATION LOANS							
Total ... farms, 1987	26	11	-	-	1	-	2
1982	5	1	-	1	1	-	-
$1,000, 1987	157	66	-	-	(D)	-	(D)
1982	(D)	(D)	-	(D)	(D)	-	-
Corn ... farms, 1987	14	7	-	-	1	-	-
$1,000, 1987	(D)	(D)	-	-	(D)	-	-
Wheat ... farms, 1987	-	-	-	-	-	-	-
$1,000, 1987	-	-	-	-	-	-	-
Soybeans ... farms, 1987	-	-	-	-	-	-	-
$1,000, 1987	-	-	-	-	-	-	-
Sorghum, barley, and oats ... farms, 1987	1	-	-	-	-	-	-
$1,000, 1987	(D)	-	-	-	-	-	-
Cotton ... farms, 1987	-	-	-	-	-	-	-
$1,000, 1987	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey ... farms, 1987	11	4	-	-	-	-	2
$1,000, 1987	78	(D)	-	-	-	-	(D)

See footnotes at end of table.

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

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

Item		Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
NET CASH RETURN									
Net cash return from agricultural sales for the farm unit (see text)[1]	farms, 1987	127	213	561	616	518	359	287	533
	$1,000, 1987	2 055	3 647	6 891	10 593	6 315	3 204	1 935	1 743
Average per farm	dollars, 1987	16 181	17 120	12 284	17 197	12 191	8 926	6 744	3 270
Farms with net gains[2]	number, 1987	72	133	312	420	291	193	107	174
	$1,000, 1987	2 573	4 273	7 925	12 307	7 766	4 157	2 935	3 577
Average per farm	dollars, 1987	35 735	32 127	25 401	29 303	26 686	21 541	27 434	20 559
Farms with net losses	number, 1987	55	80	249	196	227	166	180	359
	$1,000, 1987	518	626	1 034	1 714	1 451	953	1 000	1 835
Average per farm	dollars, 1987	9 416	7 828	4 152	8 744	6 391	5 741	5 555	5 110
GOVERNMENT PAYMENTS									
Total received	farms, 1987	24	42	35	61	30	44	23	27
	$1,000, 1987	118	205	111	725	139	143	87	558
Average per farm	dollars, 1987	4 903	4 874	3 169	11 892	4 630	3 247	3 766	20 651
Amount received in cash	farms, 1987	22	33	34	55	26	42	23	24
	$1,000, 1987	90	160	(D)	713	119	128	(D)	544
Value of commodity certificates received	farms, 1987	19	23	3	14	13	8	5	6
	$1,000, 1987	28	45	(D)	13	20	15	(D)	13
OTHER FARM-RELATED INCOME									
Gross before taxes and expenses[1]	farms, 1987	48	76	210	282	170	174	132	168
	$1,000, 1987	183	278	480	894	925	354	831	541
Average per farm	dollars, 1987	3 813	3 659	2 284	3 171	5 438	2 037	6 299	3 223
Customwork and other agricultural services[3]	farms, 1987	10	12	32	16	45	22	52	44
	1982	3	9	47	23	31	22	33	56
	$1,000, 1987	37	15	50	123	50	22	260	132
	1982	13	24	47	48	46	20	48	59
Rental of farmland	farms, 1987	13	6	59	41	11	41	13	19
	$1,000, 1987	29	11	98	78	62	18	(D)	51
Sales of forest products and Christmas trees	farms, 1987	3	42	107	152	100	86	87	130
	$1,000, 1987	1	169	188	416	639	218	448	347
Other farm-related income sources	farms, 1987	29	42	73	148	57	78	23	24
	$1,000, 1987	116	83	144	276	173	97	(D)	11
COMMODITY CREDIT CORPORATION LOANS									
Total	farms, 1987	5	3	-	1	2	1	-	-
	1982	-	-	-	-	2	-	-	-
	$1,000, 1987	21	8	-	(D)	(D)	(D)	-	-
	1982	-	-	-	-	(D)	-	-	-
Corn	farms, 1987	3	3	-	-	-	-	-	-
	$1,000, 1987	(D)	8	-	-	-	-	-	-
Wheat	farms, 1987	-	-	-	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-	-	-	-
Soybeans	farms, 1987	-	-	-	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-	-	-	-
Sorghum, barley, and oats	farms, 1987	-	-	-	1	-	-	-	-
	$1,000, 1987	-	-	-	(D)	-	-	-	-
Cotton	farms, 1987	-	-	-	-	-	-	-	-
	$1,000, 1987	-	-	-	-	-	-	-	-
Peanuts, rye, rice, tobacco, and honey	farms, 1987	2	-	-	-	2	1	-	-
	$1,000, 1987	(D)	-	-	-	(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	Vermont	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin
FARMS AND LAND IN FARMS							
Farms ..... number, 1987	5 877	714	169	461	452	81	786
1982	6 315	748	193	491	505	90	795
Land in farms ..... acres, 1987	1 407 868	220 949	32 825	102 126	98 069	22 237	214 344
1982	1 574 441	231 616	41 281	118 089	114 372	26 028	223 560
Average size of farm ..... acres, 1987	240	309	194	222	217	275	273
1982	249	310	214	241	226	289	281
Value of land and buildings[1]:							
Average per farm ..... dollars, 1987	258 713	295 510	246 101	194 631	331 435	213 556	205 616
1982	206 616	251 272	218 337	146 756	255 442	156 711	205 136
Average per acre ..... dollars, 1987	1 124	1 019	1 297	921	1 768	778	797
1982	842	802	1 033	623	1 129	542	742
Approximate land area ..... acres, 1987	5 934 700	494 662	433 024	416 915	345 433	426 265	415 411
Proportion in farms ..... percent, 1987	23.7	44.7	7.6	24.5	28.4	5.2	51.6
1987 size of farm:							
1 to 9 acres ..... farms	281	39	14	14	28	2	35
acres	1 019	129	(D)	69	103	(D)	76
10 to 49 acres ..... farms	834	99	38	65	99	6	73
acres	22 002	2 330	(D)	1 764	2 790	(D)	2 055
50 to 69 acres ..... farms	287	27	15	22	30	-	26
acres	16 829	1 628	851	1 291	1 783	-	1 535
70 to 99 acres ..... farms	400	29	13	39	28	5	40
acres	33 217	2 443	1 062	3 216	2 302	423	3 363
100 to 139 acres ..... farms	581	43	19	51	41	12	69
acres	67 884	4 930	2 141	6 055	4 867	1 408	8 195
140 to 179 acres ..... farms	532	37	14	56	35	8	61
acres	83 859	5 807	2 195	8 862	5 578	1 277	9 740
180 to 219 acres ..... farms	493	46	11	35	28	10	67
acres	98 094	9 213	2 267	6 869	5 525	1 996	13 423
220 to 259 acres ..... farms	451	57	5	33	33	6	64
acres	108 199	13 706	1 252	7 821	7 991	1 370	15 369
260 to 499 acres ..... farms	1 376	198	25	104	79	21	255
acres	489 173	72 774	8 908	36 984	28 011	7 328	89 689
500 to 999 acres ..... farms	559	119	12	37	44	9	82
acres	360 847	78 739	7 715	22 766	28 784	(D)	51 194
1,000 to 1,999 acres ..... farms	71	18	2	4	5	2	13
acres	89 865	(D)	(D)	(D)	(D)	(D)	(D)
2,000 acres or more ..... farms	12	2	1	1	2	-	1
acres	36 880	(D)	(D)	(D)	(D)	-	(D)
1982 size of farm:							
1 to 9 acres ..... farms	272	38	16	19	28	-	30
acres	940	140	52	72	100	-	94
10 to 49 acres ..... farms	754	81	37	63	85	8	51
acres	20 142	2 084	878	1 765	2 381	209	1 201
50 to 69 acres ..... farms	301	28	12	24	31	3	25
acres	17 584	1 665	694	1 374	1 807	184	1 440
70 to 99 acres ..... farms	420	22	9	33	38	7	35
acres	34 950	1 864	746	2 640	3 185	589	3 004
100 to 139 acres ..... farms	634	49	20	45	50	11	63
acres	73 697	5 770	2 306	5 256	5 690	1 234	7 454
140 to 179 acres ..... farms	571	36	19	56	43	9	66
acres	90 132	5 740	2 994	8 777	6 671	1 480	10 541
180 to 219 acres ..... farms	544	55	17	44	40	10	87
acres	108 189	11 032	3 400	8 854	7 908	2 029	17 350
220 to 259 acres ..... farms	461	47	12	27	28	6	73
acres	109 396	11 139	2 805	6 448	6 633	1 413	17 406
260 to 499 acres ..... farms	1 630	254	33	121	109	24	269
acres	578 739	91 993	12 016	42 706	38 460	8 588	95 795
500 to 999 acres ..... farms	634	120	15	55	44	8	85
acres	407 711	77 024	10 213	35 056	29 395	5 052	54 246
1,000 to 1,999 acres ..... farms	85	18	2	3	8	4	10
acres	107 702	23 165	(D)	(D)	(D)	5 250	(D)
2,000 acres or more ..... farms	9	-	1	1	1	-	1
acres	25 259	-	(D)	(D)	(D)	-	(D)
LAND IN FARMS ACCORDING TO USE							
Total cropland ..... farms, 1987	5 506	681	149	440	415	79	734
1982	5 977	703	179	465	481	87	766
acres, 1987	707 970	145 645	13 226	46 556	53 177	9 122	114 737
1982	772 055	150 187	17 009	49 901	62 883	10 548	117 653
Harvested cropland ..... farms, 1987	5 069	633	135	402	359	74	689
1982	5 583	679	156	425	442	83	724
acres, 1987	488 253	111 465	8 629	32 417	34 762	6 611	78 056
1982	547 848	119 197	12 006	33 400	44 485	7 213	80 429
Cropland used only for pasture or grazing ..... farms, 1987	3 523	392	76	311	260	47	498
1982	3 664	393	107	312	290	53	484
acres, 1987	188 468	27 372	3 540	13 024	14 545	2 103	33 284
1982	205 499	26 808	4 614	14 549	16 503	3 184	34 955
Other cropland ..... farms, 1987	1 007	207	26	57	110	13	94
1982	734	116	22	62	66	8	69
acres, 1987	31 249	6 808	1 057	1 115	3 870	408	3 397
1982	18 708	4 182	389	1 952	1 895	151	2 269
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms, 1987	319	80	6	20	27	4	25
1982	221	40	7	10	20	3	17
acres, 1987	7 508	2 530	93	272	948	63	618
1982	3 707	1 055	127	188	214	21	193

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	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
FARMS AND LAND IN FARMS								
Farms ..... number, 1987	127	213	560	616	516	361	287	534
1982	139	255	600	654	561	399	298	587
Land in farms ..... acres, 1987	28 234	44 895	113 305	168 175	140 177	71 628	53 474	97 430
1982	34 506	53 887	132 071	180 323	166 855	79 195	61 243	111 415
Average size of farm ..... acres, 1987	222	211	202	273	272	198	186	182
1982	248	211	220	276	297	198	206	190
Value of land and buildings[1]:								
Average per farm ..... dollars, 1987	247 126	228 460	229 743	221 862	331 237	235 975	294 167	305 949
1982	241 194	250 169	205 012	192 187	225 654	177 449	189 503	164 584
Average per acre ..... dollars, 1987	1 117	1 165	1 146	841	1 182	1 274	1 707	1 622
1982	958	1 188	869	702	768	932	1 105	988
Approximate land area ..... acres, 1987	56 742	295 001	441 561	445 862	596 787	441 619	503 654	621 760
Proportion in farms ..... percent, 1987	49.8	15.2	25.7	37.7	23.5	16.2	10.6	15.7
1987 size of farm:								
1 to 9 acres ..... farms	6	19	17	19	19	13	22	34
acres	19	77	76	57	64	56	70	165
10 to 49 acres ..... farms	20	32	75	44	81	56	57	89
acres	565	736	2 237	1 135	1 942	1 379	1 447	2 412
50 to 69 acres ..... farms	9	12	26	28	33	19	12	28
acres	537	691	1 533	1 593	1 908	1 132	724	1 623
70 to 99 acres ..... farms	13	12	56	37	27	28	29	44
acres	1 108	993	4 747	3 024	2 194	2 320	2 355	3 667
100 to 139 acres ..... farms	8	23	63	51	46	49	41	65
acres	890	2 759	7 379	5 828	5 386	5 720	4 712	7 614
140 to 179 acres ..... farms	5	16	64	65	51	30	20	70
acres	809	2 528	10 005	10 239	7 826	4 832	3 146	11 015
180 to 219 acres ..... farms	11	15	51	61	43	45	23	47
acres	2 227	2 962	10 136	12 152	8 468	8 911	4 636	9 309
220 to 259 acres ..... farms	10	21	44	57	35	25	18	43
acres	2 396	5 092	10 529	13 600	8 407	6 067	4 349	10 250
260 to 499 acres ..... farms	32	47	128	179	103	79	43	83
acres	11 506	16 278	44 625	63 559	36 889	27 764	15 278	29 580
500 to 999 acres ..... farms	13	13	36	68	64	15	17	30
acres	8 177	8 578	22 038	44 230	40 992	(D)	10 300	(D)
1,000 to 1,999 acres ..... farms	-	3	-	5	11	2	5	1
acres	-	4 201	-	(D)	15 659	(D)	6 457	(D)
2,000 acres or more ..... farms	-	-	-	2	3	-	-	-
acres	-	-	-	(D)	10 442	-	-	-
1982 size of farm:								
1 to 9 acres ..... farms	3	14	20	21	22	9	22	30
acres	6	45	83	65	79	29	65	110
10 to 49 acres ..... farms	19	40	61	34	68	64	55	88
acres	469	907	1 741	889	1 783	1 819	1 535	2 481
50 to 69 acres ..... farms	8	14	35	26	23	22	15	35
acres	490	832	2 080	1 478	1 324	1 254	872	2 090
70 to 99 acres ..... farms	13	18	50	32	32	39	21	71
acres	1 093	1 454	4 223	2 651	2 641	3 267	1 742	5 851
100 to 139 acres ..... farms	14	20	74	72	57	45	40	74
acres	1 731	2 347	8 712	8 078	6 682	5 210	4 552	8 675
140 to 179 acres ..... farms	10	29	58	55	51	44	34	61
acres	1 589	4 592	9 172	8 671	8 048	7 153	5 277	9 427
180 to 219 acres ..... farms	5	27	63	64	34	41	11	46
acres	962	5 374	12 607	12 575	6 749	8 068	2 188	9 093
220 to 259 acres ..... farms	13	18	53	53	33	31	13	54
acres	3 126	4 295	12 476	12 666	7 761	7 374	3 015	12 839
260 to 499 acres ..... farms	40	54	137	217	145	76	60	91
acres	14 228	19 056	48 124	76 275	52 336	25 466	21 677	32 019
500 to 999 acres ..... farms	11	19	46	71	78	27	23	32
acres	7 293	(D)	28 108	45 245	48 372	(D)	15 260	22 087
1,000 to 1,999 acres ..... farms	3	2	3	8	14	1	4	5
acres	3 519	(D)	4 745	(D)	19 638	(D)	5 060	6 743
2,000 acres or more ..... farms	-	-	-	1	4	-	-	-
acres	-	-	-	(D)	11 442	-	-	-
LAND IN FARMS ACCORDING TO USE								
Total cropland ..... farms, 1987	117	195	543	578	487	339	261	488
1982	132	236	566	629	521	378	283	551
acres, 1987	20 539	21 575	49 193	87 154	61 167	29 441	19 834	36 604
1982	24 630	26 395	55 481	90 768	71 090	32 072	23 423	40 015
Harvested cropland ..... farms, 1987	114	175	496	531	452	315	239	455
1982	127	208	539	598	485	352	262	503
acres, 1987	15 557	14 418	30 806	56 462	39 508	20 706	14 538	24 318
1982	18 919	17 349	37 313	62 606	47 376	22 266	16 965	28 324
Cropland used only for pasture or grazing ..... farms, 1987	61	126	379	413	301	214	144	301
1982	79	161	346	443	290	210	158	338
acres, 1987	4 335	5 960	16 850	26 868	17 535	7 543	4 874	10 635
1982	5 060	8 464	17 232	26 570	22 501	8 422	5 747	10 890
Other cropland ..... farms, 1987	32	51	79	80	93	72	32	61
1982	19	30	61	57	52	70	48	54
acres, 1987	647	1 197	1 537	3 824	4 124	1 192	422	1 651
1982	651	582	936	1 592	1 213	1 384	711	801
Cropland in cover crops, legumes, and soil-improvement grasses, not harvested and not pastured ..... farms, 1987	14	21	24	24	21	24	14	15
1982	8	6	25	18	9	20	22	16
acres, 1987	245	363	266	572	751	292	221	274
1982	185	111	385	512	188	265	156	107

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		Vermont	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin
LAND IN FARMS ACCORDING TO USE—Con.								
Total cropland-Con.								
Other cropland-Con.								
Cropland on which all crops failed	farms, 1987	95	17	5	6	7	-	14
	1982	58	11	1	3	10	-	3
	acres, 1987	1 608	427	(D)	(D)	182	-	296
	1982	1 291	466	(D)	(D)	213	-	(D)
Cropland in cultivated summer fallow	farms, 1987	86	20	2	4	13	-	6
	1982	71	13	2	5	6	-	9
	acres, 1987	1 884	487	(D)	(D)	255	-	151
	1982	1 456	419	(D)	(D)	23	-	(D)
Cropland idle	farms, 1987	663	128	18	34	77	9	61
	1982	488	78	18	50	39	6	42
	acres, 1987	20 249	3 364	923	711	2 485	345	2 332
	1982	12 254	2 242	250	1 646	1 445	130	1 677
Total woodland	farms, 1987	4 360	471	112	355	297	67	587
	1982	4 913	545	139	403	362	75	623
	acres, 1987	529 115	46 379	13 956	48 086	31 925	11 834	72 452
	1982	617 112	49 854	20 119	56 915	35 816	13 404	79 125
Woodland pastured	farms, 1987	1 832	216	51	144	100	17	343
	1982	2 025	236	46	143	131	20	342
	acres, 1987	123 624	15 738	2 692	7 615	7 821	575	27 711
	1982	136 456	12 393	2 237	7 875	8 643	1 052	27 656
Woodland not pastured	farms, 1987	3 700	387	92	323	256	66	437
	1982	4 145	442	127	359	310	72	472
	acres, 1987	405 491	30 641	11 264	40 471	24 104	11 259	44 741
	1982	480 656	37 461	17 882	49 040	27 173	12 352	51 469
Other land	farms, 1987	4 080	551	131	322	331	49	518
	1982	4 502	606	138	319	374	50	533
	acres, 1987	170 783	28 925	5 643	7 484	12 967	1 281	27 155
	1982	185 274	31 575	4 153	11 273	15 673	2 076	26 782
Pastureland and rangeland other than cropland and woodland pastured	farms, 1987	1 713	243	57	103	145	25	246
	1982	1 784	281	51	104	133	15	239
	acres, 1987	103 133	16 571	3 482	3 949	7 605	797	19 010
	1982	114 792	20 171	2 906	5 713	8 094	929	17 636
Land in house lots, ponds, roads, wasteland, etc.	farms, 1987	3 559	500	119	285	300	35	435
	1982	4 022	550	122	288	347	45	462
	acres, 1987	67 650	12 354	2 161	3 535	5 362	484	8 145
	1982	70 482	11 404	1 247	5 560	7 579	1 147	9 146
Pastureland, all types	farms, 1987	4 814	573	123	390	369	55	698
	1982	5 229	610	153	396	414	70	700
	acres, 1987	415 225	59 681	9 714	24 588	29 971	3 475	80 005
	1982	456 747	59 372	9 757	28 137	33 240	5 165	80 247
Cropland diverted under annual commodity acreage adjustment programs	farms, 1987	76	39	3	1	7	2	5
	1982	26	1	-	1	2	-	1
	acres, 1987	1 789	(D)	(D)	(D)	174	(D)	128
	1982	219	(D)	-	(D)	(D)	-	(D)
Cropland placed under the conservation reserve program	farms, 1987	19	3	3	-	4	-	3
	acres, 1987	715	(D)	(D)	-	83	-	78

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		Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
LAND IN FARMS ACCORDING TO USE—Con.									
Total cropland-Con.									
Other cropland-Con.									
Cropland on which all crops failed	farms, 1987	5	1	6	2	19	6	1	6
	1982	2	2	3	7	6	4	3	3
	acres, 1987	(D)	(D)	(D)	(D)	402	119	(D)	22
	1982	(D)	(D)	(D)	198	182	34	(D)	3
Cropland in cultivated summer fallow	farms, 1987	1	3	5	12	7	6	2	5
	1982	4	4	4	9	3	6	2	4
	acres, 1987	(D)	(D)	(D)	(D)	347	47	(D)	48
	1982	(D)	(D)	(D)	154	179	63	(D)	53
Cropland idle	farms, 1987	20	37	58	56	58	46	20	41
	1982	15	21	36	32	38	46	29	38
	acres, 1987	374	822	1 207	2 857	2 624	734	164	1 307
	1982	410	434	449	728	664	1 022	519	638
Total woodland	farms, 1987	81	156	441	496	387	302	205	403
	1982	84	183	482	540	439	323	228	487
	acres, 1987	4 574	19 263	47 759	67 246	57 763	31 730	27 217	48 931
	1982	6 909	21 783	59 453	76 078	70 699	36 835	30 141	59 981
Woodland pastured	farms, 1987	29	69	172	248	164	83	58	138
	1982	31	73	171	265	241	100	72	154
	acres, 1987	1 120	3 382	9 830	16 503	16 524	4 040	3 905	6 168
	1982	2 103	3 681	11 924	18 082	23 631	5 269	5 177	6 733
Woodland not pastured	farms, 1987	64	128	383	417	327	276	187	357
	1982	69	155	425	436	337	297	199	445
	acres, 1987	3 454	15 881	37 929	50 743	41 239	27 690	23 312	42 763
	1982	4 806	18 102	47 529	57 996	47 068	31 566	24 964	53 248
Other land	farms, 1987	89	139	385	374	360	256	202	373
	1982	102	175	440	413	428	285	211	428
	acres, 1987	3 121	4 057	16 353	13 775	21 247	10 457	6 423	11 895
	1982	2 967	5 709	17 137	13 477	25 066	10 288	7 679	11 419
Pastureland and rangeland other than cropland and woodland pastured	farms, 1987	27	46	163	147	152	122	78	159
	1982	28	61	200	137	186	129	78	142
	acres, 1987	1 515	1 849	9 440	8 489	12 513	7 472	3 413	7 028
	1982	1 845	3 357	10 675	7 234	17 797	7 209	4 376	6 850
Land in house lots, ponds, roads, wasteland, etc.	farms, 1987	79	129	339	313	303	220	181	321
	1982	93	156	389	360	382	245	196	387
	acres, 1987	1 606	2 208	6 913	5 286	8 734	2 985	3 010	4 867
	1982	1 122	2 352	6 462	6 243	7 269	3 079	3 303	4 569
Pastureland, all types	farms, 1987	87	162	473	538	429	295	210	412
	1982	107	206	509	569	490	321	218	466
	acres, 1987	6 970	11 191	36 120	51 860	46 572	19 055	12 192	23 831
	1982	9 008	15 502	39 831	51 886	63 929	20 900	15 300	24 473
Cropland diverted under annual commodity acreage adjustment programs	farms, 1987	5	7	-	2	3	1	-	1
	1982	4	3	2	-	6	4	1	1
	acres, 1987	108	(D)	-	(D)	(D)	(D)	-	(D)
	1982	32	(D)	(D)	-	37	29	(D)	(D)
Cropland placed under the conservation reserve program	farms, 1987	-	1	1	1	1	1	-	1
	acres, 1987	-	(D)	(D)	(D)	(D)	(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	Vermont	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin
Farms ..... **number, 1987**	**5 069**	**633**	**135**	**402**	**359**	**74**	**689**
1982	**5 583**	**679**	**156**	**425**	**442**	**83**	**724**
acres harvested, 1987	**488 253**	**111 465**	**8 629**	**32 417**	**34 762**	**6 611**	**78 056**
1982	**547 848**	**119 197**	**12 006**	**33 400**	**44 485**	**7 213**	**80 429**
HARVESTED CROPLAND BY SIZE OF FARM							
1987 size of farm:							
1 to 9 acres ..... farms	116	17	10	7	9	2	11
acres harvested	256	39	13	16	17	(D)	19
10 to 49 acres ..... farms	519	66	29	33	47	4	38
acres harvested	6 028	890	342	339	487	(D)	373
50 to 69 acres ..... farms	235	21	9	20	23	-	25
acres harvested	6 108	629	193	563	550	-	568
70 to 99 acres ..... farms	350	27	12	33	26	4	29
acres harvested	10 600	1 013	397	892	803	38	1 004
100 to 139 acres ..... farms	522	42	16	48	38	11	63
acres harvested	20 866	2 395	716	2 087	1 665	343	2 567
140 to 179 acres ..... farms	484	33	9	52	35	7	58
acres harvested	26 709	2 189	217	2 752	1 802	493	3 929
180 to 219 acres ..... farms	464	44	11	33	28	10	62
acres harvested	34 359	4 872	869	2 262	2 146	737	4 917
220 to 259 acres ..... farms	423	56	5	33	29	6	59
acres harvested	38 648	7 340	292	3 009	2 891	439	6 461
260 to 499 acres ..... farms	1 332	191	20	101	75	20	250
acres harvested	181 902	37 254	2 733	12 128	11 946	2 059	34 198
500 to 999 acres ..... farms	546	117	11	37	42	8	81
acres harvested	127 644	44 153	1 834	6 925	10 413	1 721	17 769
1,000 to 1,999 acres ..... farms	67	18	2	4	5	2	12
acres harvested	27 363	(D)	(D)	(D)	(D)	(D)	(D)
2,000 acres or more ..... farms	11	1	1	1	2	-	1
acres harvested	7 770	(D)	(D)	(D)	(D)	-	(D)
1982 size of farm:							
1 to 9 acres ..... farms	111	18	5	6	10	-	13
acres harvested	215	37	(D)	8	25	-	30
10 to 49 acres ..... farms	504	50	20	39	61	7	29
acres harvested	6 076	623	232	475	766	89	283
50 to 69 acres ..... farms	252	24	10	18	27	3	21
acres harvested	5 937	783	332	401	615	39	548
70 to 99 acres ..... farms	357	22	9	28	33	5	29
acres harvested	10 931	761	355	898	1 161	298	923
100 to 139 acres ..... farms	561	44	20	38	47	11	57
acres harvested	23 073	2 258	937	1 449	1 868	347	2 711
140 to 179 acres ..... farms	529	33	16	53	40	8	63
acres harvested	30 014	2 634	1 057	2 789	2 575	453	4 263
180 to 219 acres ..... farms	515	52	16	42	38	9	81
acres harvested	37 858	5 069	828	2 432	3 055	530	7 282
220 to 259 acres ..... farms	439	46	12	26	26	6	71
acres harvested	40 917	6 042	949	1 829	3 294	636	7 571
260 to 499 acres ..... farms	1 597	252	32	116	109	24	265
acres harvested	217 545	50 186	3 706	12 749	16 430	2 789	35 786
500 to 999 acres ..... farms	626	120	13	55	42	6	85
acres harvested	138 779	40 990	3 175	9 751	11 471	1 075	16 648
1,000 to 1,999 acres ..... farms	83	18	2	3	8	4	9
acres harvested	32 316	9 814	(D)	(D)	(D)	957	(D)
2,000 acres or more ..... farms	9	-	1	1	1	-	1
acres harvested	4 187	-	(D)	(D)	(D)	-	(D)
HARVESTED CROPLAND BY ACRES HARVESTED							
1987 acres harvested:							
1 to 9 acres ..... farms	530	51	28	33	50	6	46
acres	2 074	215	83	140	210	24	157
10 to 19 acres ..... farms	477	43	19	39	40	4	34
acres	6 148	537	237	499	503	48	450
20 to 29 acres ..... farms	478	34	14	41	26	9	39
acres	10 760	809	293	909	591	206	882
30 to 49 acres ..... farms	719	39	24	73	46	17	76
acres	26 403	1 492	879	2 721	1 681	628	2 825
50 to 99 acres ..... farms	1 070	86	22	101	70	14	161
acres	73 842	6 263	1 516	6 948	4 962	909	11 153
100 to 199 acres ..... farms	1 083	148	17	73	75	14	222
acres	146 805	21 026	2 255	10 176	9 976	1 818	30 261
200 to 499 acres ..... farms	643	196	10	41	46	9	102
acres	174 709	57 127	(D)	(D)	13 224	(D)	25 978
500 to 999 acres ..... farms	63	34	1	1	6	1	8
acres	39 020	(D)	(D)	(D)	3 615	(D)	(D)
1,000 acres or more ..... farms	6	2	-	-	-	-	1
acres	8 492	(D)	-	-	-	-	(D)
1982 acres harvested:							
1 to 9 acres ..... farms	521	48	15	33	54	7	38
acres	2 121	189	49	114	241	36	164
10 to 19 acres ..... farms	524	34	28	47	43	5	27
acres	6 955	429	403	656	557	63	363
20 to 29 acres ..... farms	497	27	10	38	43	13	36
acres	11 362	621	226	850	993	288	806
30 to 49 acres ..... farms	673	46	23	62	49	10	60
acres	24 707	1 723	845	2 197	1 755	357	2 355
50 to 99 acres ..... farms	1 255	89	40	116	79	19	200
acres	87 096	6 290	2 795	7 875	5 605	1 361	14 169
100 to 199 acres ..... farms	1 351	181	29	96	107	21	258
acres	182 615	25 887	4 164	12 881	14 813	2 825	34 138
200 to 499 acres ..... farms	705	228	10	32	64	7	99
acres	194 435	67 665	(D)	(D)	18 387	(D)	24 524
500 to 999 acres ..... farms	53	25	1	1	3	1	6
acres	33 217	(D)	(D)	(D)	2 134	(D)	3 910
1,000 acres or more ..... farms	4	1	-	-	-	-	-
acres	5 340	(D)	-	-	-	-	-

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

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

Farms with harvested cropland	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
Farms ..... **number, 1987**	**114**	**175**	**496**	**531**	**452**	**315**	**239**	**455**
1982	**127**	**208**	**539**	**598**	**485**	**352**	**262**	**503**
acres harvested, 1987	**15 557**	**14 418**	**30 806**	**56 462**	**39 508**	**20 706**	**14 538**	**24 318**
1982	**18 919**	**17 349**	**37 313**	**62 606**	**47 376**	**22 266**	**16 965**	**28 324**
HARVESTED CROPLAND BY SIZE OF FARM								
1987 size of farm:								
1 to 9 acres ..... farms	1	9	3	5	8	6	13	15
acres harvested	(D)	22	7	21	17	12	30	33
10 to 49 acres ..... farms	14	13	55	19	59	39	37	66
acres harvested	(D)	135	856	246	544	401	359	822
50 to 69 acres ..... farms	8	10	22	18	26	14	12	27
acres harvested	256	193	553	446	618	386	391	762
70 to 99 acres ..... farms	12	12	51	32	26	23	26	37
acres harvested	482	377	1 517	966	634	668	839	970
100 to 139 acres ..... farms	8	21	58	43	39	43	33	59
acres harvested	518	740	2 264	1 468	1 247	1 519	1 272	2 065
140 to 179 acres ..... farms	5	14	59	56	47	27	17	65
acres harvested	560	615	3 292	3 606	2 592	1 178	654	2 830
180 to 219 acres ..... farms	11	15	48	59	37	45	22	39
acres harvested	1 124	1 165	2 682	4 927	2 397	2 270	1 828	2 163
220 to 259 acres ..... farms	10	20	42	51	33	24	15	40
acres harvested	1 222	1 732	2 777	4 819	2 881	1 440	710	2 635
260 to 499 acres ..... farms	32	45	122	176	102	77	43	78
acres harvested	6 729	5 784	11 893	21 655	13 571	9 932	4 148	7 872
500 to 999 acres ..... farms	13	13	36	65	63	15	17	28
acres harvested	4 478	2 825	4 965	11 878	11 106	(D)	3 254	(D)
1,000 to 1,999 acres ..... farms	-	3	-	5	9	2	4	1
acres harvested	-	830	-	(D)	(D)	(D)	1 053	(D)
2,000 acres or more ..... farms	-	-	-	2	3	-	-	-
acres harvested	-	-	-	(D)	(D)	-	-	-
1982 size of farm:								
1 to 9 acres ..... farms	1	7	9	8	6	4	15	9
acres harvested	(D)	15	14	15	6	13	31	15
10 to 49 acres ..... farms	15	20	47	20	41	49	43	63
acres harvested	(D)	(D)	650	214	538	561	436	747
50 to 69 acres ..... farms	5	11	29	22	20	20	12	30
acres harvested	144	180	532	572	435	459	263	634
70 to 99 acres ..... farms	11	14	40	29	29	32	17	59
acres harvested	406	405	885	1 053	982	866	543	1 395
100 to 139 acres ..... farms	13	16	68	60	51	36	34	66
acres harvested	705	653	2 923	2 465	2 153	1 132	1 115	2 357
140 to 179 acres ..... farms	10	27	54	51	47	41	30	56
acres harvested	989	1 544	3 000	2 908	2 537	1 711	1 292	2 262
180 to 219 acres ..... farms	5	26	59	64	30	39	11	43
acres harvested	549	2 019	3 811	4 854	1 961	2 357	522	2 589
220 to 259 acres ..... farms	13	15	49	51	27	31	13	53
acres harvested	1 884	1 286	4 264	4 508	2 022	1 990	1 125	3 517
260 to 499 acres ..... farms	40	51	135	213	139	74	60	87
acres harvested	7 909	6 350	13 654	26 719	18 532	8 479	6 022	8 234
500 to 999 acres ..... farms	11	19	46	71	78	25	23	32
acres harvested	3 448	(D)	7 053	13 700	13 249	(D)	4 665	5 507
1,000 to 1,999 acres ..... farms	3	2	3	8	13	1	4	5
acres harvested	2 615	(D)	527	(D)	3 884	(D)	951	1 067
2,000 acres or more ..... farms	-	-	-	1	4	-	-	-
acres harvested	-	-	-	(D)	1 077	-	-	-
HARVESTED CROPLAND BY ACRES HARVESTED								
1987 acres harvested:								
1 to 9 acres ..... farms	6	26	39	22	53	45	48	77
acres	23	97	165	82	227	176	153	322
10 to 19 acres ..... farms	11	17	52	31	54	38	33	62
acres	142	209	665	429	677	495	388	869
20 to 29 acres ..... farms	8	15	76	38	41	40	37	60
acres	187	328	1 693	824	947	875	854	1 362
30 to 49 acres ..... farms	9	27	101	57	66	56	29	99
acres	330	1 010	3 668	2 110	2 368	2 109	1 019	3 563
50 to 99 acres ..... farms	18	39	134	155	81	66	44	79
acres	1 196	2 737	9 268	10 928	5 338	4 484	2 803	5 337
100 to 199 acres ..... farms	37	31	71	158	95	47	36	59
acres	5 183	4 372	9 334	20 164	13 067	6 217	4 921	8 035
200 to 499 acres ..... farms	22	18	23	65	60	23	9	19
acres	6 986	(D)	6 013	16 280	(D)	6 350	2 330	4 830
500 to 999 acres ..... farms	3	2	-	3	1	-	3	-
acres	1 510	(D)	-	(D)	(D)	-	2 070	-
1,000 acres or more ..... farms	-	-	-	2	1	-	-	-
acres	-	-	-	(D)	(D)	-	-	-
1982 acres harvested:								
1 to 9 acres ..... farms	5	31	58	26	42	52	49	63
acres	25	119	250	100	178	249	150	257
10 to 19 acres ..... farms	14	18	63	33	38	47	42	85
acres	171	221	875	434	477	618	552	1 136
20 to 29 acres ..... farms	10	16	63	44	36	45	38	78
acres	227	369	1 442	1 013	829	1 026	879	1 793
30 to 49 acres ..... farms	10	26	81	63	68	49	34	92
acres	383	944	2 925	2 403	2 509	1 736	1 297	3 278
50 to 99 acres ..... farms	19	46	135	172	114	83	46	97
acres	1 318	3 111	9 344	12 002	7 939	5 481	3 223	6 583
100 to 199 acres ..... farms	36	55	106	193	117	56	35	61
acres	5 158	7 113	13 900	25 181	16 479	7 430	4 763	7 883
200 to 499 acres ..... farms	30	13	33	61	67	19	15	27
acres	9 022	3 627	8 577	15 843	17 135	(D)	4 046	7 394
500 to 999 acres ..... farms	2	3	-	4	3	1	3	-
acres	(D)	1 845	-	(D)	1 830	(D)	2 055	-
1,000 acres or more ..... farms	1	-	-	2	-	-	-	-
acres	(D)	-	-	(D)	-	-	-	-

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

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

Farms with irrigation	Vermont	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin
Farms ..... number, 1987	178	28	9	5	18	3	18
1982	120	13	5	3	16	3	8
Land in irrigated farms ..... acres, 1987	21 199	2 717	138	1 144	3 544	173	3 172
1982	18 859	1 089	330	252	2 065	536	1 955
Harvested cropland ..... farms, 1987	177	27	9	5	18	3	18
1982	119	13	5	3	15	3	8
acres, 1987	6 339	1 114	82	363	564	9	1 457
1982	4 917	529	110	3	695	427	581
Other cropland, excluding cropland pastured ..... farms, 1987	69	18	4	1	10	-	3
1982	41	5	2	-	4	2	2
acres, 1987	1 237	484	13	(D)	183	-	46
1982	622	65	(D)	-	145	(D)	(D)
Pastureland, excluding woodland pastured ... farms, 1987	63	11	1	3	3	-	13
1982	47	3	1	-	10	1	4
acres, 1987	2 451	292	(D)	52	61	-	694
1982	3 501	122	(D)	-	335	(D)	223
Irrigated land ..... acres, 1987	1 823	385	13	(D)	244	9	487
1982	1 254	144	8	3	(D)	(D)	170
Harvested cropland ..... farms, 1987	174	27	9	5	18	3	17
1982	119	13	5	3	15	3	8
acres, 1987	1 782	(D)	13	(D)	(D)	9	(D)
1982	1 246	144	8	3	99	(D)	170
Pastureland and other land ..... farms, 1987	6	2	-	-	1	-	1
1982	3	-	-	-	1	-	-
acres, 1987	41	(D)	-	-	(D)	-	(D)
1982	8	-	-	-	(D)	-	-
1987 irrigated acres by size of farm:							
1 to 9 acres ..... farms	35	7	2	2	3	1	2
acres irrigated	56	14	(D)	(D)	5	(D)	(D)
10 to 49 acres ..... farms	66	10	7	1	8	-	1
acres irrigated	231	31	(D)	(D)	24	-	(D)
50 to 69 acres ..... farms	8	2	-	-	-	-	3
acres irrigated	72	(D)	-	-	-	-	(D)
70 to 99 acres ..... farms	9	1	-	-	1	2	1
acres irrigated	78	(D)	-	-	(D)	(D)	(D)
100 to 139 acres ..... farms	16	-	-	-	2	-	3
acres irrigated	222	-	-	-	(D)	-	133
140 to 179 acres ..... farms	12	5	-	-	1	-	1
acres irrigated	251	126	-	-	(D)	-	(D)
180 to 219 acres ..... farms	11	1	-	-	1	-	2
acres irrigated	(D)	(D)	-	-	(D)	-	(D)
220 to 259 acres ..... farms	1	-	-	-	-	-	-
acres irrigated	(D)	-	-	-	-	-	-
260 to 499 acres ..... farms	11	1	-	1	1	-	4
acres irrigated	226	(D)	-	(D)	(D)	-	54
500 to 999 acres ..... farms	8	1	-	1	-	-	1
acres irrigated	367	(D)	-	(D)	-	-	(D)
1,000 to 1,999 acres ..... farms	-	-	-	-	-	-	-
acres irrigated	-	-	-	-	-	-	-
2,000 acres or more ..... farms	1	-	-	-	1	-	-
acres irrigated	(D)	-	-	-	(D)	-	-
1982 irrigated acres by size of farm:							
1 to 9 acres ..... farms	21	6	2	2	2	-	1
acres irrigated	36	14	(D)	(D)	(D)	-	(D)
10 to 49 acres ..... farms	31	3	1	-	6	1	1
acres irrigated	134	12	(D)	-	34	(D)	(D)
50 to 69 acres ..... farms	4	-	-	-	1	-	-
acres irrigated	35	-	-	-	(D)	-	-
70 to 99 acres ..... farms	4	-	-	-	1	-	-
acres irrigated	36	-	-	-	(D)	-	-
100 to 139 acres ..... farms	21	1	-	-	2	-	1
acres irrigated	145	(D)	-	-	(D)	-	(D)
140 to 179 acres ..... farms	12	1	2	-	3	-	1
acres irrigated	90	(D)	(D)	-	28	-	(D)
180 to 219 acres ..... farms	5	1	-	-	-	-	2
acres irrigated	178	(D)	-	-	-	-	(D)
220 to 259 acres ..... farms	8	-	-	1	-	1	-
acres irrigated	160	-	-	(D)	-	(D)	-
260 to 499 acres ..... farms	9	1	-	-	-	1	-
acres irrigated	407	(D)	-	-	-	(D)	-
500 to 999 acres ..... farms	3	-	-	-	-	-	2
acres irrigated	(D)	-	-	-	-	-	(D)
1,000 to 1,999 acres ..... farms	1	-	-	-	1	-	-
acres irrigated	(D)	-	-	-	(D)	-	-
2,000 acres or more ..... farms	1	-	-	-	-	-	-
acres irrigated	(D)	-	-	-	-	-	-

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

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

Farms with irrigation	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
Farms ..... number, 1987	9	5	11	7	17	14	16	18
1982	7	4	9	8	13	11	9	11
Land in irrigated farms ..... acres, 1987	1 117	52	1 103	784	1 417	1 364	1 629	2 845
1982	816	470	363	827	6 307	1 757	1 491	601
Harvested cropland ..... farms, 1987	9	5	11	7	17	14	16	18
1982	7	4	9	8	13	11	9	11
acres, 1987	615	24	169	226	402	263	517	534
1982	358	154	122	356	493	502	435	152
Other cropland, excluding cropland pastured ..... farms, 1987	5	3	2	2	4	5	6	6
1982	3	2	4	3	2	6	1	5
acres, 1987	47	10	(D)	(D)	32	88	149	61
1982	106	(D)	31	21	(D)	65	(D)	49
Pastureland, excluding woodland pastured ..... farms, 1987	3	1	4	2	6	5	2	9
1982	2	1	3	3	7	5	4	3
acres, 1987	201	(D)	67	(D)	85	109	(D)	431
1982	(D)	(D)	118	154	1 897	275	189	28
Irrigated land ..... acres, 1987	142	6	89	(D)	90	40	91	102
1982	174	20	34	53	270	74	55	29
Harvested cropland ..... farms, 1987	9	5	11	7	16	14	16	17
1982	7	4	9	8	13	11	9	11
acres, 1987	142	6	89	(D)	(D)	40	91	(D)
1982	174	(D)	34	53	270	74	55	29
Pastureland and other land ..... farms, 1987	-	-	-	-	1	-	-	1
1982	-	2	-	-	-	-	-	-
acres, 1987	-	-	-	-	(D)	-	-	(D)
1982	-	(D)	-	-	-	-	-	-
1987 irrigated acres by size of farm:								
1 to 9 acres ..... farms	-	2	-	2	2	4	4	4
acres irrigated	-	(D)	-	(D)	(D)	5	7	10
10 to 49 acres ..... farms	5	3	4	2	7	3	6	9
acres irrigated	68	(D)	19	(D)	10	7	16	(D)
50 to 69 acres ..... farms	-	-	-	1	1	-	1	-
acres irrigated	-	-	-	(D)	(D)	-	(D)	-
70 to 99 acres ..... farms	1	-	2	-	-	-	-	1
acres irrigated	(D)	-	(D)	-	-	-	-	(D)
100 to 139 acres ..... farms	1	-	2	1	2	1	3	1
acres irrigated	(D)	-	(D)	(D)	(D)	(D)	7	(D)
140 to 179 acres ..... farms	-	-	1	-	2	2	-	-
acres irrigated	-	-	(D)	-	(D)	(D)	-	-
180 to 219 acres ..... farms	-	-	1	-	2	3	1	-
acres irrigated	-	-	(D)	-	(D)	11	(D)	-
220 to 259 acres ..... farms	-	-	-	-	1	-	-	-
acres irrigated	-	-	-	-	(D)	-	-	-
260 to 499 acres ..... farms	2	-	1	-	-	1	-	-
acres irrigated	(D)	-	(D)	-	-	(D)	-	-
500 to 999 acres ..... farms	-	-	-	1	-	-	1	3
acres irrigated	-	-	-	(D)	-	-	(D)	53
1,000 to 1,999 acres ..... farms	-	-	-	-	-	-	-	-
acres irrigated	-	-	-	-	-	-	-	-
2,000 acres or more ..... farms	-	-	-	-	-	-	-	-
acres irrigated	-	-	-	-	-	-	-	-
1982 irrigated acres by size of farm:								
1 to 9 acres ..... farms	-	1	2	2	-	1	1	1
acres irrigated	-	(D)	(D)	(D)	-	(D)	(D)	(D)
10 to 49 acres ..... farms	3	2	5	-	-	2	1	6
acres irrigated	27	(D)	24	-	-	(D)	(D)	18
50 to 69 acres ..... farms	-	-	-	2	-	-	-	1
acres irrigated	-	-	-	(D)	-	-	-	(D)
70 to 99 acres ..... farms	-	-	-	-	2	-	-	1
acres irrigated	-	-	-	-	(D)	-	-	(D)
100 to 139 acres ..... farms	2	-	2	3	4	2	3	1
acres irrigated	(D)	-	(D)	10	6	(D)	7	(D)
140 to 179 acres ..... farms	-	-	-	-	1	1	2	1
acres irrigated	-	-	-	-	(D)	(D)	(D)	(D)
180 to 219 acres ..... farms	-	-	-	-	-	2	-	-
acres irrigated	-	-	-	-	-	(D)	-	-
220 to 259 acres ..... farms	2	-	-	-	3	-	1	-
acres irrigated	(D)	-	-	-	21	-	(D)	-
260 to 499 acres ..... farms	-	1	-	1	2	3	-	-
acres irrigated	-	(D)	-	(D)	(D)	28	-	-
500 to 999 acres ..... farms	-	-	-	-	-	-	1	-
acres irrigated	-	-	-	-	-	-	(D)	-
1,000 to 1,999 acres ..... farms	-	-	-	-	-	-	-	-
acres irrigated	-	-	-	-	-	-	-	-
2,000 acres or more ..... farms	-	-	-	-	1	-	-	-
acres irrigated	-	-	-	-	(D)	-	-	-

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		Vermont	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment	farms, 1987	5 872	715	168	463	453	81	786
	1982	6 308	748	193	491	505	90	795
	$1,000, 1987	270 641	47 814	5 731	22 645	15 816	3 726	46 675
	1982	274 844	47 195	6 665	17 001	19 230	4 312	47 338
Average per farm	dollars, 1987	46 090	66 873	34 111	48 909	34 915	46 002	59 383
	1982	43 571	63 094	34 535	34 626	38 079	47 916	59 545
Farms by value group:								
$1 to $9,999	1987	1 485	132	58	90	179	16	84
	1982	1 657	153	71	167	148	26	118
$10,000 to $19,999	1987	887	92	24	97	73	10	128
	1982	1 013	110	29	85	94	13	79
$20,000 to $29,999	1987	630	52	21	49	46	7	88
	1982	761	31	21	95	62	4	55
$30,000 to $49,999	1987	794	53	15	71	64	18	99
	1982	817	62	17	31	61	12	147
$50,000 to $69,999	1987	722	100	27	27	26	10	107
	1982	714	121	20	35	48	10	120
$70,000 to $99,999	1987	534	101	9	72	17	11	103
	1982	531	99	13	23	41	10	120
$100,000 to $199,999	1987	664	148	13	33	34	8	151
	1982	663	134	22	46	40	12	126
$200,000 or more	1987	156	37	1	24	14	1	26
	1982	152	38	-	9	11	3	30
$200,000 to $499,999	1987	148	36	1	24	14	1	25
$500,000 or more	1987	8	1	-	-	-	-	1
SELECTED MACHINERY AND EQUIPMENT								
Motortrucks, including pickups	farms, 1987	4 738	567	128	397	331	68	637
	1982	5 112	633	155	393	382	72	625
	number, 1987	7 318	889	185	598	451	109	832
	1982	7 469	883	230	573	602	121	826
Wheel tractors	farms, 1987	5 448	671	154	445	377	77	738
	1982	5 703	714	171	438	420	83	724
	number, 1987	15 295	2 541	377	1 093	1 019	239	2 301
	1982	15 274	2 541	451	978	1 169	215	2 252
Less than 40 horsepower (PTO)	farms, 1987	3 505	358	106	308	247	55	366
	number, 1987	5 911	695	156	510	428	102	588
40 horsepower (PTO) or more	farms, 1987	3 779	580	98	288	264	52	649
	number, 1987	9 384	1 846	221	583	591	137	1 713
Grain and bean combines[1]	farms, 1987	117	36	6	3	6	2	9
	1982	71	32	-	4	4	3	7
	number, 1987	128	42	7	4	7	(D)	10
	1982	76	35	-	4	4	3	7
Cottonpickers and strippers	farms, 1987	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-
	number, 1987	-	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-
Mower conditioners	farms, 1987	3 255	481	69	253	227	53	592
	1982	3 536	519	87	275	284	64	576
	number, 1987	3 706	658	81	276	250	58	650
	1982	3 866	636	101	296	320	66	605
Pickup balers	farms, 1987	3 472	470	75	321	232	59	549
	1982	3 933	507	104	266	297	61	610
	number, 1987	3 882	532	85	368	259	69	611
	1982	4 167	538	112	284	315	62	651
1987 INVENTORY								
Manufactured 1983 to 1987:								
Motortrucks, including pickups	farms	2 012	222	48	186	161	28	317
	number	2 306	243	55	196	182	31	334
Wheel tractors	farms	1 504	219	45	113	78	19	240
	number	2 059	338	63	147	116	19	378
Less than 40 horsepower (PTO)	farms	511	72	27	6	25	8	32
	number	565	88	33	8	29	8	34
40 horsepower (PTO) or more	farms	1 088	164	27	110	57	11	225
	number	1 494	250	30	139	87	11	344
Grain and bean combines	farms	13	7	3	1	-	-	-
	number	14	7	3	(D)	-	-	-
Cottonpickers and strippers	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Mower conditioners	farms	1 084	183	14	109	45	20	210
	number	1 120	192	14	114	46	21	214
Pickup balers	farms	683	90	15	44	38	15	124
	number	723	93	15	45	39	16	146
Manufactured prior to 1983:								
Motortrucks, including pickups	farms	3 384	431	88	288	207	47	400
	number	5 012	646	130	402	269	78	498
Wheel tractors	farms	5 094	629	138	425	359	72	706
	number	13 236	2 203	314	946	903	220	1 923
Less than 40 horsepower (PTO)	farms	3 198	304	89	303	242	50	337
	number	5 346	607	123	502	399	94	554
40 horsepower (PTO) or more	farms	3 495	549	91	261	237	48	619
	number	7 890	1 596	191	444	504	126	1 369
Grain and bean combines	farms	106	31	3	2	6	2	9
	number	114	35	4	(D)	7	(D)	10
Cottonpickers and strippers	farms	-	-	-	-	-	-	-
	number	-	-	-	-	-	-	-
Mower conditioners	farms	2 328	357	56	157	185	36	409
	number	2 586	466	67	162	204	37	436
Pickup balers	farms	2 884	409	62	287	195	49	440
	number	3 159	439	70	323	220	53	465

See footnotes at end of table.

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

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

All Farms	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
VALUE OF MACHINERY AND EQUIPMENT								
Estimated market value of all machinery and equipment ..... farms, 1987	127	213	561	616	518	359	287	525
1982	139	255	600	654	561	399	298	580
$1,000, 1987	6 347	7 829	23 267	27 813	22 356	12 541	12 375	15 706
1982	6 188	10 219	22 475	29 859	24 388	13 434	10 094	16 445
Average per farm ..... dollars, 1987	49 972	36 757	41 474	45 151	43 158	34 933	43 119	29 916
1982	44 518	40 076	37 459	45 656	43 472	33 669	33 872	28 353
Farms by value group:								
$1 to $9,999 1987	24	58	203	125	127	130	66	193
1982	37	102	162	108	125	149	102	189
$10,000 to $19,999 1987	10	56	50	114	62	47	48	76
1982	18	17	102	79	110	49	77	151
$20,000 to $29,999 1987	19	24	48	54	77	34	52	59
1982	16	26	101	91	56	65	42	96
$30,000 to $49,999 1987	20	17	66	123	44	78	45	81
1982	24	46	64	132	99	54	15	53
$50,000 to $69,999 1987	25	17	77	82	99	18	33	74
1982	9	18	62	122	55	33	21	40
$70,000 to $99,999 1987	9	23	45	49	42	19	18	16
1982	16	10	58	48	40	21	12	20
$100,000 to $199,999 1987	17	15	65	57	60	28	17	18
1982	16	30	46	63	67	18	21	22
$200,000 or more 1987	3	3	7	12	7	5	8	8
1982	3	6	5	11	9	10	8	9
$200,000 to $499,999 1987	3	3	7	9	7	4	6	8
$500,000 or more 1987	-	-	-	3	-	1	2	-
SELECTED MACHINERY AND EQUIPMENT								
Motortrucks, including pickups ..... farms, 1987	105	169	476	488	435	271	262	404
1982	106	206	518	513	460	315	234	500
number, 1987	144	248	786	780	834	366	452	644
1982	133	276	812	702	723	437	410	741
Wheel tractors ..... farms, 1987	121	196	526	575	484	329	268	487
1982	122	227	548	626	480	383	264	503
number, 1987	345	487	1 275	1 689	1 346	747	704	1 132
1982	359	547	1 367	1 705	1 243	765	579	1 103
Less than 40 horsepower (PTO) ..... farms, 1987	79	125	356	309	332	225	234	405
number, 1987	135	177	541	617	582	337	380	663
40 horsepower (PTO) or more ..... farms, 1987	81	153	314	425	303	182	147	243
number, 1987	210	310	734	1 072	764	410	324	469
Grain and bean combines[1] ..... farms, 1987	5	1	18	18	8	2	1	2
1982	7	1	-	6	5	-	1	1
number, 1987	5	(D)	19	18	8	(D)	(D)	(D)
1982	8	(D)	-	7	5	-	(D)	(D)
Cottonpickers and strippers ..... farms, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
number, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
Mower conditioners ..... farms, 1987	83	121	263	405	265	145	104	194
1982	80	137	293	460	266	170	98	227
number, 1987	102	130	270	437	304	171	115	204
1982	89	144	317	486	283	186	104	233
Pickup balers ..... farms, 1987	85	118	290	364	309	193	148	259
1982	85	142	402	492	299	195	151	322
number, 1987	93	133	320	429	359	196	152	276
1982	92	154	426	523	310	205	158	337
1987 INVENTORY								
Manufactured 1983 to 1987:								
Motortrucks, including pickups ..... farms	49	71	168	168	177	161	121	135
number	53	98	181	214	266	163	129	161
Wheel tractors ..... farms	35	47	166	151	97	117	87	90
number	48	73	195	206	121	133	123	99
Less than 40 horsepower (PTO) ..... farms	12	13	62	54	45	63	56	36
number	14	13	68	55	54	63	59	39
40 horsepower (PTO) or more ..... farms	24	43	105	105	54	54	55	54
number	34	60	127	151	67	70	64	60
Grain and bean combines ..... farms	-	-	-	1	-	-	1	-
number	-	-	-	(D)	-	-	(D)	-
Cottonpickers and strippers ..... farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners ..... farms	30	30	96	122	87	46	29	63
number	36	30	96	124	89	48	30	66
Pickup balers ..... farms	22	37	59	89	52	23	41	34
number	22	37	59	99	54	23	41	34
Manufactured prior to 1983:								
Motortrucks, including pickups ..... farms	68	111	366	380	348	146	202	302
number	91	150	605	566	568	203	323	483
Wheel tractors ..... farms	111	180	489	536	469	282	233	465
number	297	414	1 080	1 483	1 225	614	581	1 033
Less than 40 horsepower (PTO) ..... farms	69	114	327	271	316	184	199	393
number	121	164	473	562	528	274	321	624
40 horsepower (PTO) or more ..... farms	76	128	274	407	303	167	118	217
number	176	250	607	921	697	340	260	409
Grain and bean combines ..... farms	5	1	18	17	8	2	-	2
number	5	(D)	19	(D)	8	(D)	-	(D)
Cottonpickers and strippers ..... farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Mower conditioners ..... farms	54	94	172	290	195	111	78	134
number	66	100	174	313	215	123	85	138
Pickup balers ..... farms	64	81	239	284	267	170	107	230
number	71	96	261	330	305	173	111	242

[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		Vermont	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin
Commercial fertilizer	farms, 1987	3 418	457	92	330	212	46	527
	1982	3 605	515	104	271	233	43	521
	acres on which used, 1987	284 133	53 204	5 567	21 146	13 064	4 000	59 059
	1982	310 956	63 264	7 756	20 357	16 852	5 026	57 810
Cropland fertilized, except pastureland	farms, 1987	3 124	437	89	294	186	45	475
	1982	3 454	512	100	249	233	41	511
	acres on which used, 1987	244 240	50 836	5 184	18 009	11 880	3 596	47 104
	1982	271 479	60 596	6 771	16 085	15 814	4 093	49 369
Pastureland and rangeland fertilized	farms, 1987	1 131	64	11	141	57	12	234
	1982	1 142	65	28	127	23	16	219
	acres on which used, 1987	39 893	2 368	383	3 137	1 184	404	11 955
	1982	39 477	2 668	985	4 272	1 038	933	8 441
Lime	farms, 1987	1 345	192	40	127	110	19	236
	1982	1 546	241	64	115	106	25	257
	acres on which used, 1987	43 638	6 952	994	2 772	3 087	563	11 193
	1982	50 809	12 516	1 503	2 955	3 713	969	9 093
	tons, 1987	73 269	12 187	2 154	4 773	5 176	903	17 163
	1982	87 860	24 013	2 784	4 786	5 750	1 583	14 837
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops	farms, 1987	560	102	15	32	63	8	76
	1982	562	111	27	30	46	11	58
	acres on which used, 1987	22 170	5 708	600	980	2 250	386	3 798
	1982	23 925	7 630	698	457	2 198	502	3 895
Nematodes in crops	farms, 1987	68	20	2	4	9	3	7
	1982	115	36	3	4	21	1	10
	acres on which used, 1987	5 063	1 533	(D)	396	609	85	905
	1982	8 519	2 965	90	(D)	1 741	(D)	910
Diseases in crops and orchards	farms, 1987	238	49	7	11	55	2	16
	1982	235	47	15	11	11	2	26
	acres on which used, 1987	7 366	2 441	184	215	1 381	(D)	879
	1982	7 920	2 882	485	11	494	(D)	1 004
Weeds, grass, or brush in crops and pasture	farms, 1987	1 534	278	44	109	110	26	256
	1982	1 498	297	61	60	75	22	265
	acres on which used, 1987	74 766	17 405	1 542	3 470	5 289	1 254	12 892
	1982	78 374	21 612	2 586	2 691	5 900	999	13 329
Chemicals used for defoliation or for growth control of crops or thinning of fruit	farms, 1987	67	12	6	1	12	1	10
	1982	112	22	3	-	8	2	20
	acres on which used, 1987	3 912	850	(D)	(D)	670	(D)	546
	1982	6 726	2 115	270	-	334	(D)	1 084

Chemicals used		Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
Commercial fertilizer	farms, 1987	71	124	297	401	260	202	145	254
	1982	80	138	323	417	293	151	165	351
	acres on which used, 1987	5 813	9 428	15 115	43 584	20 461	10 353	10 149	13 190
	1982	7 478	10 996	20 074	44 001	23 254	9 003	11 308	13 777
Cropland fertilized, except pastureland	farms, 1987	69	116	266	359	239	170	141	238
	1982	75	128	314	383	278	137	162	331
	acres on which used, 1987	5 713	7 488	11 721	35 486	18 136	8 726	8 693	11 668
	1982	7 061	9 090	15 949	35 644	20 956	8 127	9 804	12 120
Pastureland and rangeland fertilized	farms, 1987	4	54	99	204	71	67	46	67
	1982	9	55	146	211	77	38	39	89
	acres on which used, 1987	100	1 940	3 394	8 098	2 325	1 627	1 456	1 522
	1982	417	1 906	4 125	8 357	2 298	876	1 504	1 657
Lime	farms, 1987	13	54	70	91	114	77	91	111
	1982	21	58	123	141	145	64	74	112
	acres on which used, 1987	1 200	1 582	1 228	3 496	2 769	2 939	1 821	3 042
	1982	608	2 822	2 160	3 587	3 805	1 555	2 709	2 814
	tons, 1987	1 355	2 798	1 737	6 318	5 034	5 539	2 983	5 149
	1982	690	4 203	3 861	6 408	5 966	2 646	5 075	5 258
Sprays, dusts, granules, fumigants, etc., to control—									
Insects on hay and other crops	farms, 1987	18	11	70	27	49	19	21	49
	1982	15	15	39	20	60	36	54	40
	acres on which used, 1987	622	884	1 351	467	1 627	717	1 652	1 128
	1982	486	744	629	1 762	2 020	332	1 961	611
Nematodes in crops	farms, 1987	3	2	1	1	3	2	5	6
	1982	-	1	-	12	17	2	5	3
	acres on which used, 1987	104	(D)	(D)	(D)	352	(D)	296	210
	1982	-	(D)	-	925	798	(D)	754	(D)
Diseases in crops and orchards	farms, 1987	15	-	36	2	15	10	13	7
	1982	10	5	13	11	31	11	14	28
	acres on which used, 1987	310	-	576	(D)	175	38	727	234
	1982	221	421	84	(D)	372	45	859	241
Weeds, grass, or brush in crops and pasture	farms, 1987	54	50	140	91	159	72	49	96
	1982	42	43	159	83	170	67	64	90
	acres on which used, 1987	3 105	2 211	4 065	5 331	9 215	2 215	3 788	2 984
	1982	2 419	2 185	4 871	5 995	7 706	2 307	3 270	2 504
Chemicals used for defoliation or for growth control of crops or thinning of fruit	farms, 1987	-	1	2	2	7	-	6	7
	1982	3	4	8	4	9	-	12	17
	acres on which used, 1987	-	(D)	(D)	(D)	457	-	550	(D)
	1982	(D)	(D)	116	1 045	272	-	551	369

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

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

Characteristics		Vermont	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin
FARMS								
Land in farms	farms, 1987	5 877	714	169	461	452	81	786
	1982	6 315	748	193	491	505	90	795
	acres, 1987	1 407 868	220 949	32 825	102 126	98 069	22 237	214 344
	1982	1 574 441	231 616	41 281	118 089	114 372	26 028	223 560
Harvested cropland	farms, 1987	5 069	633	135	402	359	74	689
	1982	5 583	679	156	425	442	83	724
	acres, 1987	488 253	111 465	8 629	32 417	34 762	6 611	78 056
	1982	547 848	119 197	12 006	33 400	44 485	7 213	80 429
TENURE OF OPERATOR								
Full owners	farms, 1987	3 383	390	88	244	265	52	514
	1982	3 649	415	114	259	315	57	529
	acres, 1987	644 234	85 757	14 231	43 637	42 569	12 542	119 370
	1982	735 000	100 310	19 898	51 071	58 210	13 626	129 304
Harvested cropland	farms, 1987	2 727	320	64	202	191	45	427
	1982	3 061	365	80	210	267	50	463
	acres, 1987	170 645	36 007	2 073	9 286	10 312	2 627	41 638
	1982	208 144	48 004	3 175	9 732	19 421	2 635	43 961
Part owners	farms, 1987	2 089	276	66	182	142	24	240
	1982	2 277	289	70	196	148	29	242
	acres, 1987	681 072	124 500	15 582	54 303	45 499	7 353	88 638
	1982	756 204	120 514	18 092	60 192	48 399	11 807	88 407
Owned land in farms	acres, 1987	459 128	88 606	9 705	36 963	27 013	5 066	65 503
	1982	514 199	87 191	11 876	41 628	31 023	9 454	64 681
Rented land in farms	acres, 1987	221 944	35 894	5 877	17 340	18 486	2 287	23 135
	1982	242 005	33 323	6 216	18 564	17 376	2 353	23 726
Harvested cropland	farms, 1987	1 974	269	59	169	127	24	231
	1982	2 180	275	67	187	139	29	238
	acres, 1987	282 839	69 706	5 455	21 061	20 254	3 090	33 902
	1982	304 471	64 690	7 650	21 289	21 667	4 182	34 343
Tenants	farms, 1987	405	48	15	35	45	5	32
	1982	389	44	9	36	42	4	24
	acres, 1987	82 562	10 692	3 012	4 186	10 001	2 342	6 336
	1982	83 237	10 792	3 291	6 826	7 763	595	5 849
Harvested cropland	farms, 1987	368	44	12	31	41	5	31
	1982	342	39	9	28	36	4	23
	acres, 1987	34 769	5 752	1 101	2 070	4 196	894	2 516
	1982	35 233	6 503	1 181	2 379	3 397	396	2 125
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated	1987	5 121	640	139	406	386	68	672
	1982	5 352	651	159	409	421	73	660
Not on farm operated	1987	485	46	17	37	43	5	66
	1982	467	41	25	34	41	9	54
Not reported	1987	271	28	13	18	23	8	48
	1982	496	56	9	48	43	8	81
Operators by principal occupation:								
Farming	1987	3 762	509	92	296	241	52	600
	1982	4 093	560	104	291	285	59	635
Other	1987	2 115	205	77	165	211	29	186
	1982	2 222	188	89	200	220	31	160
Operators by days of work off farm:								
None	1987	2 854	392	75	214	189	37	459
	1982	3 023	437	87	207	208	47	477
Any	1987	2 695	284	86	223	242	37	274
	1982	2 863	259	97	253	263	34	250
1 to 49 days	1987	393	52	17	30	20	4	47
	1982	443	41	17	45	33	2	47
50 to 99 days	1987	202	21	6	16	14	1	23
	1982	175	16	5	19	11	3	14
100 to 149 days	1987	184	27	3	19	11	1	15
	1982	216	25	3	18	13	3	23
150 to 199 days	1987	318	21	13	28	34	5	25
	1982	319	22	13	32	20	3	22
200 days or more	1987	1 598	163	47	130	163	26	164
	1982	1 710	155	59	139	186	23	144
Not reported	1987	328	38	8	24	21	7	53
	1982	429	52	9	31	34	9	68
Operators by years on present farm:								
2 years or less	1987	329	41	4	41	31	6	48
	1982	372	34	9	34	37	7	37
3 or 4 years	1987	437	51	13	38	34	5	64
	1982	611	61	23	54	63	5	63
5 to 9 years	1987	1 031	110	23	100	85	14	130
	1982	1 075	131	33	91	81	13	130
10 years or more	1987	3 345	437	110	233	238	41	441
	1982	3 292	424	102	230	246	46	433
Average years on present farm	1987	18.1	17.8	19.9	16.3	16.4	18.6	17.2
	1982	17.0	16.6	17.6	16.6	16.6	19.8	16.8
Not reported	1987	735	75	19	49	64	15	103
	1982	965	98	26	82	78	19	132

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

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

Characteristics		Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
FARMS									
Land in farms	farms, 1987	127	213	560	616	516	361	287	534
	1982	139	255	600	654	561	399	298	587
	acres, 1987	28 234	44 895	113 305	168 175	140 177	71 628	53 474	97 430
	1982	34 506	53 887	132 071	180 323	166 855	79 195	61 243	111 415
Harvested cropland	farms, 1987	114	175	496	531	452	315	239	455
	1982	127	208	539	598	485	352	262	503
	acres, 1987	15 557	14 418	30 806	56 462	39 508	20 706	14 538	24 318
	1982	18 919	17 349	37 313	62 606	47 376	22 266	16 965	28 324
TENURE OF OPERATOR									
Full owners	farms, 1987	64	120	311	340	277	225	161	332
	1982	68	142	329	351	297	250	167	356
	acres, 1987	7 471	18 549	55 774	73 116	59 042	35 111	25 932	51 133
	1982	8 948	26 353	58 336	79 805	71 698	39 135	24 279	54 027
Harvested cropland	farms, 1987	55	88	268	274	222	186	120	265
	1982	58	102	282	309	237	211	139	288
	acres, 1987	3 555	3 971	10 241	20 208	11 843	6 995	3 363	8 526
	1982	4 424	5 540	11 837	23 842	14 982	7 331	3 829	9 431
Part owners	farms, 1987	53	78	214	225	191	120	103	175
	1982	60	98	235	255	217	130	107	201
	acres, 1987	17 110	24 604	50 975	81 196	71 398	34 320	24 983	40 611
	1982	21 731	24 910	65 635	87 755	85 511	36 357	33 965	52 929
Owned land in farms	acres, 1987	10 127	16 760	33 284	54 954	45 238	23 886	16 204	25 819
	1982	11 959	16 743	42 263	59 198	53 408	25 050	24 342	35 383
Rented land in farms	acres, 1987	6 983	7 844	17 691	26 242	26 160	10 434	8 779	14 792
	1982	9 772	8 167	23 372	28 557	32 103	11 307	9 623	17 546
Harvested cropland	farms, 1987	49	75	198	211	185	116	98	163
	1982	59	95	223	246	204	123	103	192
	acres, 1987	10 255	9 710	17 426	31 677	23 753	12 904	10 052	13 594
	1982	12 239	10 659	22 340	34 101	28 474	13 591	12 067	17 179
Tenants	farms, 1987	10	15	35	51	48	16	23	27
	1982	11	15	36	48	47	19	24	30
	acres, 1987	3 653	1 742	6 556	13 863	9 737	2 197	2 559	5 686
	1982	3 827	2 624	8 100	12 763	9 646	3 703	2 999	4 459
Harvested cropland	farms, 1987	10	12	30	46	45	13	21	27
	1982	10	11	34	43	44	18	20	23
	acres, 1987	1 747	737	3 139	4 577	3 912	807	1 123	2 198
	1982	2 256	1 150	3 136	4 663	3 920	1 344	1 069	1 714
OPERATOR CHARACTERISTICS									
Operators by place of residence:									
On farm operated	1987	115	170	507	535	442	315	247	479
	1982	103	208	520	554	480	355	244	515
Not on farm operated	1987	9	27	32	58	49	34	30	32
	1982	17	26	39	44	46	21	34	36
Not reported	1987	3	16	21	23	25	12	10	23
	1982	19	21	41	56	35	23	20	36
Operators by principal occupation:									
Farming	1987	89	130	352	462	309	193	165	272
	1982	91	153	377	507	342	208	176	305
Other	1987	38	83	208	154	207	168	122	262
	1982	48	102	223	147	219	191	122	282
Operators by days of work off farm:									
None	1987	65	103	238	340	244	162	119	217
	1982	68	115	258	364	271	156	115	213
Any	1987	52	89	293	245	246	181	148	295
	1982	60	126	309	236	255	222	160	339
1 to 49 days	1987	6	9	51	55	25	26	23	28
	1982	11	18	53	61	27	26	25	37
50 to 99 days	1987	-	5	26	26	19	15	10	20
	1982	3	7	21	22	16	11	12	15
100 to 149 days	1987	3	7	17	17	17	13	13	21
	1982	5	5	16	32	18	16	8	31
150 to 199 days	1987	5	19	39	35	36	18	14	26
	1982	5	12	49	29	34	18	24	36
200 days or more	1987	38	49	160	112	149	109	88	200
	1982	36	84	170	92	160	151	91	220
Not reported	1987	10	21	29	31	26	18	20	22
	1982	11	14	33	54	35	21	23	35
Operators by years on present farm:									
2 years or less	1987	8	11	29	41	16	12	11	30
	1982	12	12	46	52	33	21	17	21
3 or 4 years	1987	8	22	40	60	38	22	19	23
	1982	18	33	60	64	58	26	32	51
5 to 9 years	1987	19	30	101	107	98	61	67	86
	1982	21	42	105	118	95	81	34	100
10 years or more	1987	74	115	320	338	297	221	155	325
	1982	58	116	307	331	281	218	171	329
Average years on present farm	1987	19.8	16.9	19.2	17.1	18.6	19.6	19.2	20.6
	1982	15.3	15.4	17.2	15.3	17.3	18.2	18.9	18.6
Not reported	1987	18	35	70	70	67	45	35	70
	1982	30	52	82	89	94	53	44	86

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		Vermont	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin
OPERATOR CHARACTERISTICS—Con.								
Operators by age group:								
Under 25 years	1987	56	10	-	13	1	-	11
	1982	111	10	4	12	8	2	14
25 to 34 years	1987	705	104	13	72	47	7	102
	1982	908	115	14	65	62	7	112
35 to 44 years	1987	1 480	181	44	111	120	20	248
	1982	1 539	200	39	115	120	19	230
45 to 54 years	1987	1 351	171	33	91	116	18	178
	1982	1 492	184	53	112	129	25	178
55 to 64 years	1987	1 255	152	46	99	97	16	152
	1982	1 324	168	50	109	104	13	163
55 to 59 years	1987	660	78	20	50	58	11	80
60 to 64 years	1987	595	74	26	49	39	5	72
65 years and over	1987	1 030	96	33	75	71	20	95
	1982	941	71	33	78	82	24	98
65 to 69 years	1987	445	54	11	35	29	8	45
70 years and over	1987	585	42	22	40	42	12	50
Average age	1987	50.4	48.7	52.5	48.8	50.3	53.2	48.0
	1982	49.1	47.8	51.4	49.4	50.0	53.4	48.0
Operators by sex:								
Male	farms, 1987	5 302	653	145	429	403	75	723
	1982	5 767	705	168	462	452	82	751
	acres, 1987	1 319 632	212 793	27 264	97 558	92 032	19 994	203 932
	1982	1 476 076	224 391	36 878	112 519	106 440	23 283	214 121
Female	farms, 1987	575	61	24	32	49	6	63
	1982	548	43	25	29	53	8	44
	acres, 1987	88 236	8 156	5 561	4 568	6 037	2 243	10 412
	1982	98 365	7 225	4 403	5 570	7 932	2 745	9 439
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)	farms, 1987	5 096	573	141	420	393	72	697
	1982	5 589	635	170	451	433	81	705
	acres, 1987	1 126 649	156 262	22 445	89 491	83 960	19 114	175 633
	1982	1 281 587	174 773	30 820	103 883	90 654	23 239	184 165
Partnership	farms, 1987	510	90	9	34	41	3	60
	1982	505	78	12	30	51	6	61
	acres, 1987	170 255	41 461	4 323	10 368	10 369	(D)	(D)
	1982	191 200	38 011	4 854	(D)	15 221	(D)	22 022
Corporation:								
Family held	farms, 1987	209	42	11	5	13	4	28
	1982	156	28	5	8	13	1	25
	acres, 1987	86 508	(D)	1 969	(D)	(D)	1 694	16 456
	1982	72 262	15 889	(D)	(D)	(D)	(D)	16 133
Other than family held	farms, 1987	23	2	3	2	1	-	-
	1982	20	3	2	1	2	-	2
	acres, 1987	10 605	(D)	215	(D)	(D)	-	-
	1982	11 111	(D)	(D)	(D)	(D)	-	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1987	39	7	5	-	4	2	1
	1982	45	4	4	1	6	2	2
	acres, 1987	13 851	717	3 873	-	610	(D)	(D)
	1982	18 281	(D)	3 656	(D)	2 051	(D)	(D)

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

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

Characteristics		Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
OPERATOR CHARACTERISTICS—Con.									
Operators by age group:									
Under 25 years	1987	-	4	4	6	1	3	3	-
	1982	3	6	16	8	9	4	5	10
25 to 34 years	1987	15	22	54	99	55	37	29	49
	1982	37	40	94	132	74	40	38	78
35 to 44 years	1987	36	57	141	163	114	79	65	101
	1982	27	72	142	163	127	112	55	118
45 to 54 years	1987	26	55	138	147	144	80	46	108
	1982	30	70	122	159	135	89	70	136
55 to 64 years	1987	29	46	104	116	106	76	76	140
	1982	27	36	126	128	120	75	63	142
55 to 59 years	1987	14	30	47	51	58	37	52	74
60 to 64 years	1987	15	16	57	65	48	39	24	66
65 years and over	1987	21	29	119	85	96	86	68	136
	1982	15	31	100	64	96	79	67	103
65 to 69 years	1987	11	8	44	39	43	34	29	55
70 years and over	1987	10	21	75	46	53	52	39	81
Average age	1987	50.3	49.5	51.8	48.5	51.3	52.5	52.7	54.3
	1982	46.5	46.6	49.2	46.5	50.2	50.8	52.2	50.8
Operators by sex:									
Male	farms, 1987	118	184	502	576	462	325	255	452
	1982	133	225	538	611	506	356	261	517
	acres, 1987	26 731	41 144	104 630	163 145	129 087	66 308	48 633	86 381
	1982	33 773	49 021	122 152	171 851	152 514	72 735	55 588	100 810
Female	farms, 1987	9	29	58	40	54	36	32	82
	1982	6	30	62	43	55	43	37	70
	acres, 1987	1 503	3 751	8 675	5 030	11 090	5 320	4 841	11 049
	1982	733	4 866	9 919	8 472	14 341	6 460	5 655	10 605
TYPE OF ORGANIZATION									
Individual or family (sole proprietorship)	farms, 1987	114	185	500	542	436	314	241	468
	1982	120	230	541	576	493	364	250	540
	acres, 1987	25 489	37 140	95 735	139 315	103 766	59 752	38 938	79 609
	1982	28 217	44 897	110 874	148 576	132 486	69 601	46 327	93 075
Partnership	farms, 1987	5	17	48	56	43	35	27	42
	1982	13	16	50	64	46	27	29	22
	acres, 1987	(D)	5 250	14 335	20 410	(D)	8 126	7 706	(D)
	1982	4 533	5 128	15 957	26 466	21 990	6 804	8 237	9 332
Corporation:									
Family held	farms, 1987	7	9	8	12	30	7	13	20
	1982	4	8	6	7	16	5	13	17
	acres, 1987	2 170	(D)	2 528	(D)	13 938	(D)	(D)	(D)
	1982	(D)	(D)	2 881	4 522	(D)	1 427	(D)	(D)
Other than family held	farms, 1987	-	2	-	2	5	2	2	2
	1982	-	1	-	3	2	1	2	1
	acres, 1987	-	(D)	-	(D)	6 992	(D)	(D)	(D)
	1982	-	(D)	-	600	(D)	(D)	(D)	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1987	1	-	4	4	2	3	4	2
	1982	2	-	3	4	4	2	4	7
	acres, 1987	(D)	-	707	1 081	(D)	1 383	2 641	(D)
	1982	(D)	-	2 359	159	605	(D)	2 574	2 524

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

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

Item	Vermont	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin
INVENTORY							
Cattle and calves ---- farms, 1987	4 128	535	96	324	263	62	682
1982	4 965	598	126	377	365	74	718
number, 1987	320 189	63 705	4 923	19 685	18 737	4 269	66 077
1982	355 104	65 458	7 011	21 776	25 925	4 519	67 218
Farms by inventory:							
1 to 9 ---- farms, 1987	675	60	33	56	46	14	43
1982	830	57	30	77	74	13	40
number, 1987	3 170	272	152	283	226	46	188
1982	4 136	295	155	431	377	65	204
10 to 19 ---- farms, 1987	395	27	11	34	37	9	30
1982	523	28	25	43	42	11	30
number, 1987	5 467	366	151	486	495	117	402
1982	7 068	370	334	573	562	148	414
20 to 49 ---- farms, 1987	717	63	19	71	54	10	108
1982	894	65	20	80	60	19	120
number, 1987	23 937	2 057	635	2 456	1 801	331	3 778
1982	29 999	2 118	722	2 667	1 970	680	4 131
50 to 99 ---- farms, 1987	1 168	112	18	99	54	15	240
1982	1 412	144	26	106	95	15	260
number, 1987	84 540	8 233	1 234	7 000	3 892	1 126	17 758
1982	102 577	10 868	1 919	7 419	7 078	1 068	19 123
100 to 199 ---- farms, 1987	903	177	12	54	54	9	211
1982	1 051	222	21	60	75	12	214
number, 1987	119 848	24 054	1 541	6 811	7 187	1 119	28 912
1982	137 168	(D)	2 757	7 895	(D)	1 370	(D)
200 to 499 ---- farms, 1987	244	88	2	10	17	5	44
1982	242	80	4	11	18	4	52
number, 1987	65 237	24 139	(D)	2 649	(D)	1 530	11 752
1982	64 809	20 412	1 124	2 791	5 267	1 188	14 195
500 or more ---- farms, 1987	26	8	1	-	1	-	6
1982	13	2	-	-	1	-	2
number, 1987	17 990	4 584	(D)	-	(D)	-	3 287
1982	9 347	(D)	-	-	(D)	-	(D)
Cows and heifers that had calved ---- farms, 1987	3 715	485	88	284	224	52	616
1982	4 465	563	113	334	317	67	655
number, 1987	188 772	34 662	2 708	11 431	10 303	2 560	42 923
1982	200 562	35 815	3 772	11 798	14 263	2 574	40 898
Beef cows ---- farms, 1987	1 180	120	45	85	92	21	102
1982	1 360	132	58	104	114	24	90
number, 1987	9 805	1 222	353	650	717	260	732
1982	9 473	805	420	771	954	257	563
1987 farms by inventory:							
1 to 9 ---- farms	859	83	33	66	63	9	73
number	3 121	308	121	256	222	(D)	251
10 to 19 ---- farms	214	22	8	10	19	8	22
number	2 670	274	97	118	217	93	256
20 to 49 ---- farms	91	10	3	7	9	3	7
number	2 449	232	(D)	(D)	(D)	(D)	225
50 to 99 ---- farms	11	3	1	2	1	1	-
number	651	(D)	(D)	(D)	(D)	(D)	-
100 to 199 ---- farms	3	2	-	-	-	-	-
number	(D)	(D)	-	-	-	-	-
200 to 499 ---- farms	2	-	-	-	-	-	-
number	(D)	-	-	-	-	-	-
500 or more ---- farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Milk cows ---- farms, 1987	2 846	400	49	219	150	36	553
1982	3 585	488	75	264	227	48	613
number, 1987	178 967	33 440	2 355	10 781	9 586	2 300	42 191
1982	191 089	35 010	3 352	11 027	13 309	2 317	40 335
1987 farms by inventory:							
1 to 9 ---- farms	267	12	13	21	13	4	15
number	684	33	(D)	53	(D)	8	46
10 to 19 ---- farms	90	11	1	10	3	2	10
number	1 310	(D)	(D)	149	(D)	(D)	(D)
20 to 49 ---- farms	888	84	16	95	43	8	125
number	32 563	(D)	526	3 390	1 532	301	4 888
50 to 99 ---- farms	1 173	180	14	77	66	17	281
number	78 466	12 810	934	4 988	4 423	1 093	19 162
100 to 199 ---- farms	353	89	4	14	21	4	105
number	44 022	11 156	439	(D)	2 568	608	12 899
200 to 499 ---- farms	72	24	1	2	4	1	16
number	18 972	6 117	(D)	(D)	971	(D)	4 534
500 or more ---- farms	3	-	-	-	-	-	1
number	2 950	-	-	-	-	-	(D)
Heifers and heifer calves ---- farms, 1987	3 388	463	78	277	212	47	559
1982	4 393	555	105	343	315	65	660
number, 1987	113 021	24 590	1 934	7 452	6 873	1 599	19 175
1982	135 143	27 063	2 677	8 623	10 096	1 704	21 981
Steers, steer calves, bulls, and bull calves ---- farms, 1987	2 151	275	56	161	142	36	350
1982	2 947	355	83	227	210	44	403
number, 1987	18 396	4 453	281	802	1 561	110	3 979
1982	19 399	2 580	562	1 355	1 566	241	4 339

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

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

Item	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
INVENTORY								
Cattle and calves ..... farms, 1987	84	149	381	486	337	229	165	335
1982	109	202	481	557	439	292	191	436
number, 1987	6 969	11 017	22 259	43 577	23 447	13 205	8 789	13 530
1982	8 130	12 769	26 806	44 717	28 576	14 629	10 495	17 075
Farms by inventory:								
1 to 9 ..... farms, 1987	11	22	81	24	58	57	59	111
1982	10	39	97	50	73	85	58	127
number, 1987	39	92	395	112	256	273	272	564
1982	62	168	486	252	374	371	287	609
10 to 19 ..... farms, 1987	4	18	40	28	44	34	25	54
1982	18	23	65	34	43	38	28	95
number, 1987	51	254	542	411	638	467	330	757
1982	240	314	863	462	593	488	389	1 318
20 to 49 ..... farms, 1987	13	24	73	90	49	47	28	68
1982	19	41	95	99	91	56	40	89
number, 1987	414	855	2 389	3 139	1 633	1 495	862	2 092
1982	594	1 423	3 249	3 554	2 896	1 889	1 306	2 800
50 to 99 ..... farms, 1987	24	36	121	209	99	53	26	62
1982	27	58	140	232	126	69	36	78
number, 1987	1 675	2 501	8 815	15 028	7 176	3 748	1 880	4 474
1982	1 853	4 172	10 003	16 535	9 230	5 149	2 611	5 549
100 to 199 ..... farms, 1987	27	42	56	108	72	26	20	35
1982	28	31	72	124	94	36	20	42
number, 1987	3 693	5 339	7 381	13 691	9 742	3 616	2 415	4 347
1982	3 573	(D)	(D)	15 970	(D)	4 385	2 561	5 075
200 to 499 ..... farms, 1987	5	6	9	23	14	12	4	5
1982	7	9	11	13	11	8	9	5
number, 1987	1 097	(D)	(D)	5 955	(D)	3 606	1 097	1 296
1982	1 808	2 113	2 599	3 269	2 631	2 347	3 341	1 724
500 or more ..... farms, 1987	-	1	1	4	1	-	3	-
1982	-	1	1	5	1	-	-	-
number, 1987	-	(D)	(D)	5 241	(D)	-	1 933	-
1982	-	(D)	(D)	4 675	(D)	-	-	-
Cows and heifers that had calved ..... farms, 1987	63	133	347	460	297	213	149	304
1982	89	172	436	520	389	259	167	384
number, 1987	3 830	6 815	12 567	28 090	13 043	7 430	5 123	7 287
1982	4 229	7 898	14 301	27 646	14 956	7 877	5 838	8 697
Beef cows ..... farms, 1987	17	44	117	77	101	94	79	186
1982	25	39	148	83	139	109	83	212
number, 1987	133	242	704	448	1 185	941	639	1 579
1982	322	203	870	473	1 198	719	599	1 319
1987 farms by inventory:								
1 to 9 ..... farms	13	36	90	66	76	65	58	128
number	(D)	115	300	249	271	227	225	495
10 to 19 ..... farms	1	6	22	9	12	20	14	41
number	(D)	(D)	262	(D)	137	262	185	557
20 to 49 ..... farms	3	2	5	1	12	7	6	16
number	78	(D)	142	(D)	(D)	(D)	(D)	(D)
50 to 99 ..... farms	-	-	-	1	-	1	-	1
number	-	-	-	(D)	-	(D)	-	(D)
100 to 199 ..... farms	-	-	-	-	-	-	1	-
number	-	-	-	-	-	-	(D)	-
200 to 499 ..... farms	-	-	-	-	1	1	-	-
number	-	-	-	-	(D)	(D)	-	-
500 or more ..... farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Milk cows ..... farms, 1987	55	106	267	418	223	141	80	149
1982	73	145	340	480	307	178	110	237
number, 1987	3 697	6 573	11 863	27 642	11 858	6 489	4 484	5 708
1982	3 907	7 695	13 431	27 173	13 758	7 158	5 239	7 378
1987 farms by inventory:								
1 to 9 ..... farms	1	14	42	10	27	32	23	40
number	(D)	(D)	103	28	75	59	45	108
10 to 19 ..... farms	2	2	13	10	9	6	3	8
number	(D)	(D)	169	132	139	(D)	(D)	117
20 to 49 ..... farms	13	31	119	158	70	53	20	53
number	465	1 104	4 334	5 669	2 629	(D)	733	1 972
50 to 99 ..... farms	27	44	77	191	94	38	25	42
number	1 807	2 945	4 925	12 392	6 131	2 573	1 649	2 634
100 to 199 ..... farms	12	12	14	39	21	9	4	5
number	1 390	1 517	(D)	4 984	(D)	1 257	515	(D)
200 to 499 ..... farms	-	3	2	9	2	3	4	1
number	-	946	(D)	(D)	(D)	661	995	(D)
500 or more ..... farms	-	-	-	1	-	-	1	-
number	-	-	-	(D)	-	-	(D)	-
Heifers and heifer calves ..... farms, 1987	69	110	325	427	272	177	118	254
1982	101	171	430	513	390	243	150	352
number, 1987	2 606	3 386	8 787	14 308	8 988	5 141	3 338	4 844
1982	3 149	4 187	11 128	15 488	11 912	6 144	4 080	6 911
Steers, steer calves, bulls, and bull calves ..... farms, 1987	50	75	185	221	180	114	96	210
1982	68	110	287	296	279	161	133	291
number, 1987	533	816	905	1 179	1 416	634	328	1 399
1982	752	684	1 377	1 583	1 708	608	577	1 467

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

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

Item	Vermont	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin
SALES							
Dairy products sold ---- farms, 1987	2 691	401	44	204	142	33	544
1982	3 230	473	58	232	209	41	601
$1,000, 1987	298 527	60 012	4 143	18 098	15 270	4 008	66 694
1982	304 080	60 671	5 380	16 490	19 709	3 946	61 778
Cattle and calves sold ---- farms, 1987	3 919	516	82	311	252	51	676
1982	4 620	579	117	346	344	70	716
number, 1987	170 741	32 105	2 549	10 856	9 645	2 210	41 945
1982	157 002	27 335	2 868	8 902	11 424	1 876	36 571
$1,000, 1987	42 148	8 059	817	2 364	2 529	541	9 774
1982	35 955	6 347	657	1 955	2 644	451	7 814
1987 farms by number sold:							
1 to 9 ---- farms	942	79	32	100	77	9	87
number	4 074	343	125	412	273	47	407
10 to 19 ---- farms	547	49	11	47	33	9	78
number	7 680	697	145	681	429	118	1 134
20 to 49 ---- farms	1 296	157	21	99	79	17	212
number	43 219	5 438	674	3 302	2 591	591	7 186
50 to 99 ---- farms	812	150	15	51	45	11	212
number	53 749	10 330	1 117	3 355	2 901	(D)	14 274
100 to 199 ---- farms	243	66	2	7	13	4	62
number	31 639	8 736	(D)	852	1 954	(D)	7 833
200 to 499 ---- farms	60	11	1	6	4	1	14
number	16 752	3 199	(D)	(D)	(D)	(D)	3 950
500 or more ---- farms	19	4	-	1	1	-	11
number	13 628	3 362	-	(D)	(D)	-	7 161
Calves sold ---- farms, 1987	3 092	427	59	225	170	43	595
1982	3 689	491	89	266	251	51	624
number, 1987	108 869	21 204	1 341	6 297	5 796	1 293	30 722
1982	103 383	18 392	1 853	5 235	7 549	1 129	26 748
$1,000, 1987	11 698	2 503	117	379	619	69	4 470
1982	8 494	1 504	186	267	611	52	3 051
1987 farms by number sold:							
1 to 9 ---- farms	674	58	22	51	38	13	77
number	2 664	255	74	216	156	56	326
10 to 19 ---- farms	529	44	11	45	23	3	72
number	7 341	598	137	629	327	33	996
20 to 49 ---- farms	1 317	195	20	108	83	18	255
number	41 122	6 243	615	3 302	2 591	546	8 447
50 to 99 ---- farms	437	97	5	14	18	7	146
number	28 032	6 406	(D)	852	1 084	(D)	9 308
100 to 199 ---- farms	93	23	1	6	6	2	26
number	11 558	2 725	(D)	(D)	(D)	(D)	3 155
200 to 499 ---- farms	26	6	-	-	1	-	10
number	6 850	1 615	-	-	(D)	-	2 621
500 or more ---- farms	16	4	-	1	1	-	9
number	11 302	3 362	-	(D)	(D)	-	5 869
Cattle sold ---- farms, 1987	3 544	478	75	275	225	44	607
1982	4 188	531	108	305	316	63	641
number, 1987	61 872	10 901	1 208	4 559	3 849	917	11 223
1982	53 619	8 943	1 015	3 667	3 875	747	9 823
$1,000, 1987	30 450	5 556	700	1 984	1 910	472	5 304
1982	27 461	4 842	471	1 687	2 032	398	4 763
1987 farms by number sold:							
1 to 9 ---- farms	1 639	157	41	150	106	14	231
number	7 347	754	160	660	463	77	1 105
10 to 19 ---- farms	970	122	13	63	67	16	205
number	12 954	1 717	165	808	879	204	2 779
20 to 49 ---- farms	717	150	13	44	36	10	141
number	20 486	4 489	345	1 295	962	281	3 853
50 to 99 ---- farms	157	38	8	14	10	3	17
number	10 335	2 546	538	(D)	611	(D)	1 073
100 to 199 ---- farms	47	10	-	1	6	1	10
number	6 182	(D)	-	(D)	934	(D)	1 302
200 to 499 ---- farms	13	1	-	3	-	-	3
number	(D)	(D)	-	791	-	-	1 111
500 or more ---- farms	1	-	-	-	-	-	-
number	(D)	-	-	-	-	-	-
Cattle fattened on grain and concentrates sold ---- farms, 1987	372	25	13	21	44	5	47
1982	469	50	19	37	45	10	39
number, 1987	4 608	387	129	176	480	(D)	1 130
1982	4 021	620	134	166	458	(D)	665
$1,000, 1987	2 332	187	57	78	323	(D)	532
1982	1 881	334	67	75	199	(D)	253
1987 farms by number sold:							
1 to 9 ---- farms	260	10	10	16	34	4	26
number	896	34	31	51	116	(D)	94
10 to 19 ---- farms	59	8	2	3	4	1	10
number	773	110	(D)	(D)	52	(D)	142
20 to 49 ---- farms	40	7	-	2	4	-	6
number	1 228	243	-	(D)	(D)	-	(D)
50 to 99 ---- farms	7	-	1	-	1	-	1
number	441	-	(D)	-	(D)	-	(D)
100 to 199 ---- farms	4	-	-	-	1	-	3
number	(D)	-	-	-	(D)	-	301
200 to 499 ---- farms	2	-	-	-	-	-	1
number	(D)	-	-	-	-	-	(D)
500 or more ---- farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-

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

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

Item	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
SALES								
Dairy products sold ..... farms, 1987	54	95	240	422	205	123	62	122
1982	66	133	294	457	270	138	81	177
$1,000, 1987	5 904	11 098	19 799	43 526	20 805	11 713	8 190	9 269
1982	5 806	12 596	21 169	41 282	23 098	11 149	9 086	11 921
Cattle and calves sold ..... farms, 1987	77	144	357	490	323	208	138	294
1982	101	183	434	539	406	238	165	382
number, 1987	3 552	6 722	10 462	20 920	11 839	6 603	4 948	6 385
1982	3 195	6 979	10 302	19 621	10 819	5 715	4 659	6 736
$1,000, 1987	866	1 732	2 914	4 192	3 206	1 698	1 366	2 091
1982	715	1 424	2 607	4 031	2 756	1 486	1 228	1 841
1987 farms by number sold:								
1 to 9 ..... farms	9	37	104	67	83	63	61	134
number	41	152	449	321	357	288	284	575
10 to 19 ..... farms	21	12	54	67	58	44	13	51
number	305	161	775	947	814	606	195	673
20 to 49 ..... farms	18	45	143	219	108	61	35	82
number	622	1 520	4 569	7 297	3 673	1 923	1 126	2 707
50 to 99 ..... farms	20	39	43	110	49	24	21	22
number	1 260	2 655	(D)	7 167	3 147	1 532	1 227	1 318
100 to 199 ..... farms	8	7	10	23	21	14	3	3
number	(D)	924	(D)	2 990	2 742	(D)	393	(D)
200 to 499 ..... farms	1	4	3	3	4	2	4	2
number	(D)	1 310	711	(D)	1 106	(D)	(D)	(D)
500 or more ..... farms	-	-	-	1	-	-	1	-
number	-	-	-	(D)	-	-	(D)	-
Calves sold ..... farms, 1987	59	106	289	424	239	160	103	193
1982	65	149	342	473	335	173	122	258
number, 1987	2 153	3 986	5 797	13 985	6 947	3 783	2 412	3 153
1982	1 894	4 825	6 288	13 012	6 673	3 407	2 578	3 800
$1,000, 1987	165	450	476	776	747	290	182	454
1982	94	349	449	607	504	265	167	386
1987 farms by number sold:								
1 to 9 ..... farms	7	23	83	56	52	51	47	96
number	42	100	301	267	210	165	161	335
10 to 19 ..... farms	14	12	75	93	49	40	15	33
number	173	153	1 023	1 317	689	555	218	493
20 to 49 ..... farms	26	47	116	207	103	49	31	59
number	863	1 522	3 463	6 393	3 124	1 374	961	1 678
50 to 99 ..... farms	8	18	13	56	30	16	5	4
number	593	1 128	(D)	3 494	1 953	1 117	289	(D)
100 to 199 ..... farms	4	4	2	9	3	4	3	-
number	482	(D)	(D)	1 074	(D)	572	(D)	-
200 to 499 ..... farms	-	2	-	2	2	-	2	1
number	-	(D)	-	(D)	(D)	-	(D)	(D)
500 or more ..... farms	-	-	-	1	-	-	-	-
number	-	-	-	(D)	-	-	-	-
Cattle sold ..... farms, 1987	73	130	323	442	291	190	120	271
1982	97	168	403	488	347	221	149	351
number, 1987	1 399	2 736	4 665	6 935	4 892	2 820	2 536	3 232
1982	1 301	2 154	4 014	6 609	4 146	2 308	2 081	2 936
$1,000, 1987	701	1 282	2 438	3 416	2 459	1 408	1 184	1 637
1982	621	1 075	2 158	3 424	2 252	1 220	1 060	1 455
1987 farms by number sold:								
1 to 9 ..... farms	29	63	171	207	139	105	64	162
number	153	276	788	889	640	497	259	626
10 to 19 ..... farms	18	28	93	131	80	44	26	64
number	239	403	1 251	1 698	1 084	561	361	805
20 to 49 ..... farms	19	26	47	85	54	32	21	39
number	504	721	1 285	2 580	1 486	972	582	1 131
50 to 99 ..... farms	6	10	7	16	12	8	4	4
number	(D)	658	412	1 123	850	(D)	205	(D)
100 to 199 ..... farms	1	2	4	2	5	-	4	1
number	(D)	(D)	(D)	(D)	(D)	-	(D)	(D)
200 to 499 ..... farms	-	1	1	1	1	1	-	1
number	-	(D)	(D)	(D)	(D)	(D)	-	(D)
500 or more ..... farms	-	-	-	-	-	-	1	-
number	-	-	-	-	-	-	(D)	-
Cattle fattened on grain and concentrates sold ..... farms, 1987	3	21	27	27	33	27	23	56
1982	6	20	54	45	31	25	20	68
number, 1987	(D)	625	248	300	335	181	119	420
1982	(D)	214	251	381	351	105	85	367
$1,000, 1987	(D)	278	123	139	232	89	53	210
1982	(D)	99	128	166	196	37	33	167
1987 farms by number sold:								
1 to 9 ..... farms	1	15	19	18	25	22	20	40
number	(D)	40	83	64	87	75	65	133
10 to 19 ..... farms	1	2	5	3	3	3	2	12
number	(D)	(D)	63	43	36	(D)	(D)	139
20 to 49 ..... farms	1	3	3	6	3	2	1	2
number	(D)	82	102	193	(D)	(D)	(D)	(D)
50 to 99 ..... farms	-	-	-	-	2	-	-	2
number	-	-	-	-	(D)	-	-	(D)
100 to 199 ..... farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
200 to 499 ..... farms	-	1	-	-	-	-	-	-
number	-	(D)	-	-	-	-	-	-
500 or more ..... farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-

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

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

Item	Vermont	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin
INVENTORY							
Hogs and pigs — farms, 1987	370	34	12	24	27	2	28
1982	732	86	31	64	38	9	59
number, 1987	5 133	222	(D)	82	679	(D)	731
1982	4 233	466	175	311	219	24	254
Farms by inventory:							
1 to 24 — farms, 1987	345	32	12	24	25	2	22
1982	706	84	31	62	36	9	58
number, 1987	1 625	(D)	(D)	82	(D)	(D)	123
1982	2 740	(D)	175	(D)	(D)	24	(D)
25 to 49 — farms, 1987	10	2	-	-	-	-	5
1982	17	1	-	1	2	-	1
number, 1987	343	(D)	-	-	-	-	(D)
1982	555	(D)	-	(D)	(D)	-	(D)
50 to 99 — farms, 1987	3	-	-	-	-	-	-
1982	6	1	-	1	-	-	-
number, 1987	255	-	-	-	-	-	-
1982	438	(D)	-	(D)	-	-	-
100 to 199 — farms, 1987	4	-	-	-	1	-	-
1982	3	-	-	-	-	-	-
number, 1987	630	-	-	-	(D)	-	-
1982	500	-	-	-	-	-	-
200 to 499 — farms, 1987	8	-	-	-	1	-	1
1982	-	-	-	-	-	-	-
number, 1987	2 280	-	-	-	(D)	-	(D)
1982	-	-	-	-	-	-	-
500 to 999 — farms, 1987	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-
number, 1987	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-
1,000 or more — farms, 1987	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-
number, 1987	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-
Hogs and pigs used or to be used for breeding — farms, 1987	154	14	5	4	5	2	14
1982	204	33	7	17	9	1	14
number, 1987	1 049	86	(D)	10	84	(D)	92
1982	978	127	40	78	36	(D)	47
1987 farms by inventory:							
1 to 24	140	14	5	4	3	2	13
25 to 49	11	-	-	-	2	-	-
50 to 99	3	-	-	-	-	-	1
100 or more — farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Other hogs and pigs — farms, 1987	320	29	10	23	27	2	27
1982	672	77	31	57	34	9	57
number, 1987	4 084	136	(D)	72	595	(D)	639
1982	3 255	339	135	233	183	(D)	207
LITTERS							
Litters of pigs farrowed between—							
Dec. 1 of preceding year and Nov. 30 — farms, 1987	161	16	5	6	5	2	14
1982	221	34	9	17	12	1	14
number, 1987	1 327	108	19	14	(D)	(D)	139
1982	1 006	108	58	70	(D)	(D)	68
Dec. 1 of preceding year and May 31 — farms, 1987	148	14	5	6	5	2	13
1982	179	29	6	15	11	-	12
number, 1987	701	54	10	9	(D)	(D)	70
1982	541	64	25	43	14	-	35
June 1 and Nov. 30 — farms, 1987	113	13	4	3	5	2	11
1982	142	21	7	8	6	1	11
number, 1987	626	54	9	5	(D)	(D)	69
1982	465	44	33	27	(D)	(D)	33
SALES							
Hogs and pigs sold — farms, 1987	239	20	8	16	19	2	19
1982	385	48	16	28	25	2	20
number, 1987	7 595	742	(D)	89	435	(D)	665
1982	7 012	815	(D)	531	210	(D)	336
$1,000, 1987	660	(D)	26	(D)	(D)	(D)	64
1982	499	51	22	32	25	(D)	25
1987 farms by number sold:							
1 to 24 — farms	184	9	6	16	17	2	16
number	1 203	28	35	89	(D)	(D)	143
25 to 49 — farms	27	8	-	-	-	-	2
number	947	286	-	-	-	-	(D)
50 to 99 — farms	9	-	-	-	-	-	-
number	656	-	-	-	-	-	-
100 to 199 — farms	11	3	2	-	1	-	-
number	1 560	428	(D)	-	(D)	-	-
200 to 499 — farms	7	-	-	-	1	-	1
number	(D)	-	-	-	(D)	-	(D)
500 to 999 — farms	1	-	-	-	-	-	-
number	(D)	-	-	-	-	-	-
1,000 or more — farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Feeder pigs sold — farms, 1987	68	8	3	1	1	-	7
1982	118	16	6	10	4	1	6
number, 1987	3 598	431	(D)	(D)	(D)	-	112
1982	4 632	491	170	416	81	(D)	189
$1,000, 1987	146	(D)	(D)	(D)	(D)	-	4
1982	167	15	5	16	2	(D)	5
Hogs and pigs other than feeder pigs sold — farms, 1987	211	18	7	15	19	2	18
1982	331	39	15	21	23	2	14
number, 1987	3 997	311	142	(D)	(D)	(D)	553
1982	2 380	324	(D)	115	129	(D)	147
$1,000, 1987	514	35	(D)	14	43	(D)	59
1982	332	36	17	15	22	(D)	20

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

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

Item	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
INVENTORY								
Hogs and pigs ..... farms, 1987	10	17	53	27	33	34	20	49
1982	21	38	67	67	69	59	43	81
number, 1987	64	89	263	112	1 000	190	563	1 060
1982	184	154	281	308	732	368	228	529
Farms by inventory:								
1 to 24 ..... farms, 1987	10	16	53	27	30	33	17	42
1982	19	37	66	65	63	58	42	76
number, 1987	64	(D)	263	112	170	(D)	63	220
1982	(D)	(D)	(D)	(D)	217	(D)	(D)	289
25 to 49 ..... farms, 1987	-	1	-	-	-	-	-	2
1982	2	1	1	1	3	-	1	3
number, 1987	-	(D)	-	-	-	-	-	(D)
1982	(D)	(D)	(D)	(D)	102	-	(D)	(D)
50 to 99 ..... farms, 1987	-	-	-	-	-	1	-	2
1982	-	-	-	1	1	-	-	2
number, 1987	-	-	-	-	-	(D)	-	(D)
1982	-	-	-	(D)	(D)	-	-	(D)
100 to 199 ..... farms, 1987	-	-	-	-	-	-	1	2
1982	-	-	-	-	2	1	-	-
number, 1987	-	-	-	-	-	-	(D)	(D)
1982	-	-	-	-	(D)	(D)	-	-
200 to 499 ..... farms, 1987	-	-	-	-	3	-	2	1
1982	-	-	-	-	-	-	-	-
number, 1987	-	-	-	-	830	-	(D)	(D)
1982	-	-	-	-	-	-	-	-
500 to 999 ..... farms, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
number, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
1,000 or more ..... farms, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
number, 1987	-	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
Hogs and pigs used or to be used for breeding ..... farms, 1987	4	5	30	11	15	19	6	20
1982	4	13	13	19	17	20	15	22
number, 1987	13	11	109	32	174	88	93	227
1982	40	(D)	54	53	175	64	38	188
1987 farms by inventory:								
1 to 24	4	5	30	11	12	18	4	15
25 to 49	-	-	-	-	1	1	2	5
50 to 99	-	-	-	-	2	-	-	-
100 or more ..... farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Other hogs and pigs ..... farms, 1987	9	17	39	20	32	24	19	42
1982	21	34	62	59	65	51	37	78
number, 1987	51	78	154	80	826	102	470	833
1982	144	(D)	227	255	557	304	190	341
LITTERS								
Litters of pigs farrowed between—								
Dec. 1 of preceding year and Nov. 30 ..... farms, 1987	6	5	31	11	15	19	6	20
1982	4	15	15	19	17	21	17	26
number, 1987	20	14	145	35	213	73	92	276
1982	38	50	44	50	114	85	49	244
Dec. 1 of preceding year and May 31 ..... farms, 1987	6	5	30	10	12	17	5	18
1982	3	13	13	17	11	18	12	19
number, 1987	20	7	92	20	98	39	47	138
1982	15	32	28	31	53	51	28	122
June 1 and Nov. 30 ..... farms, 1987	-	3	19	9	12	12	5	15
1982	4	9	10	13	13	10	10	19
number, 1987	-	7	53	15	115	34	45	138
1982	23	18	16	19	61	34	21	122
SALES								
Hogs and pigs sold ..... farms, 1987	7	8	33	15	23	28	9	32
1982	12	20	39	31	35	32	25	52
number, 1987	84	92	861	289	1 447	330	926	1 356
1982	221	405	404	357	862	542	328	1 660
$1,000, 1987	(D)	9	73	31	104	35	(D)	136
1982	20	25	35	(D)	67	39	31	105
1987 farms by number sold:								
1 to 24 ..... farms	6	7	26	11	16	24	6	22
number	(D)	(D)	181	59	69	169	34	181
25 to 49 ..... farms	1	1	2	2	4	3	-	4
number	(D)	(D)	(D)	(D)	166	(D)	-	127
50 to 99 ..... farms	-	-	2	2	-	1	1	3
number	-	-	(D)	(D)	-	(D)	(D)	216
100 to 199 ..... farms	-	-	3	-	1	-	-	1
number	-	-	492	-	(D)	-	-	(D)
200 to 499 ..... farms	-	-	-	-	1	-	2	2
number	-	-	-	-	(D)	-	(D)	(D)
500 to 999 ..... farms	-	-	-	-	1	-	-	-
number	-	-	-	-	(D)	-	-	-
1,000 or more ..... farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Feeder pigs sold ..... farms, 1987	3	3	7	2	5	10	3	15
1982	2	10	9	12	9	11	8	14
number, 1987	26	(D)	475	(D)	924	135	692	421
1982	(D)	319	214	262	561	392	157	1 301
$1,000, 1987	1	1	14	(D)	(D)	4	(D)	17
1982	(D)	12	7	7	20	14	6	54
Hogs and pigs other than feeder pigs sold ..... farms, 1987	4	8	32	14	22	20	8	24
1982	11	16	36	25	32	26	23	48
number, 1987	58	(D)	386	(D)	523	195	234	935
1982	(D)	86	190	95	301	150	171	359
$1,000, 1987	(D)	9	59	(D)	(D)	31	26	119
1982	(D)	13	29	(D)	46	25	25	51

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

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

Item	Vermont	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin
Sheep and lambs inventory ---- farms, 1987	605	69	27	44	53	-	41
1982	527	44	25	52	38	3	25
number, 1987	20 456	4 454	785	1 058	1 405	-	1 074
1982	12 840	1 496	472	895	619	(D)	423
1987 farms by inventory:							
1 to 24	407	33	19	35	33	-	29
25 to 99	157	22	7	7	18	-	8
100 to 299	33	11	1	2	2	-	4
300 to 999	7	3	-	-	-	-	-
1,000 or more	1	-	-	-	-	-	-
Ewes 1 year old or older ---- farms, 1987	542	63	25	41	50	-	31
1982	461	37	15	43	35	3	21
number, 1987	12 824	2 470	538	661	1 052	-	675
1982	8 910	1 051	283	559	433	(D)	265
Sheep and lambs shorn ---- farms, 1987	523	62	21	44	49	-	29
1982	437	33	17	46	29	2	17
number, 1987	18 312	4 931	629	957	1 336	-	914
1982	10 885	1 162	267	872	499	(D)	337
pounds of wool, 1987	131 750	33 433	3 998	8 020	9 301	-	7 651
1982	79 516	8 736	1 795	6 243	3 740	(D)	1 498
Sheep and lambs sold ---- farms, 1987	515	55	23	44	50	2	27
1982	406	36	16	36	24	2	16
number, 1987	19 348	5 272	598	871	1 303	(D)	976
1982	8 772	886	336	699	435	(D)	232
Sheep, lambs, and wool sold ---- farms, 1987	576	66	24	47	55	2	32
1982	480	38	19	50	32	2	22
$1,000, 1987	1 354	392	40	55	135	(D)	(D)
1982	623	72	29	46	35	(D)	16
Horses and ponies inventory ---- farms, 1987	1 427	138	58	107	125	17	127
1982	1 483	147	79	118	119	12	141
number, 1987	7 588	721	471	538	1 008	50	439
1982	7 160	724	518	452	824	29	472
Horses and ponies sold ---- farms, 1987	265	23	13	25	30	2	6
1982	284	30	18	24	26	-	19
number, 1987	887	104	75	64	142	(D)	9
1982	868	86	74	46	54	-	38
$1,000, 1987	1 642	180	126	105	295	(D)	(D)
1982	1 296	127	99	59	161	-	31

Item	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
Sheep and lambs inventory ---- farms, 1987	11	21	88	39	48	46	32	86
1982	6	28	75	31	42	41	25	92
number, 1987	169	1 197	2 662	461	1 194	962	2 175	2 860
1982	(D)	817	2 273	778	1 234	865	602	2 221
1987 farms by inventory:								
1 to 24	10	14	59	34	32	36	20	53
25 to 99	-	5	22	5	15	8	9	31
100 to 299	1	-	7	-	1	2	2	-
300 to 999	-	2	-	-	-	-	-	2
1,000 or more	-	-	-	-	-	-	1	-
Ewes 1 year old or older ---- farms, 1987	10	20	70	32	44	43	32	81
1982	4	24	70	29	37	38	22	83
number, 1987	124	399	1 884	341	713	723	1 566	1 678
1982	(D)	600	1 528	520	953	614	421	1 583
Sheep and lambs shorn ---- farms, 1987	4	20	75	29	43	41	31	75
1982	4	25	62	27	32	38	22	83
number, 1987	(D)	(D)	2 489	486	1 170	1 037	1 650	2 154
1982	(D)	736	1 854	605	1 257	731	495	1 948
pounds of wool, 1987	(D)	5 881	18 563	(D)	7 198	7 331	9 329	16 569
1982	(D)	5 633	14 584	4 262	8 865	6 411	3 244	13 662
Sheep and lambs sold ---- farms, 1987	6	20	73	29	39	36	31	80
1982	3	21	60	24	31	39	20	78
number, 1987	(D)	1 249	2 131	609	781	854	1 302	3 262
1982	(D)	681	1 240	679	956	551	391	1 594
Sheep, lambs, and wool sold ---- farms, 1987	8	21	82	31	46	45	33	84
1982	4	26	65	32	36	43	23	88
$1,000, 1987	(D)	95	157	32	39	58	84	212
1982	3	48	75	(D)	51	38	27	131
Horses and ponies inventory ---- farms, 1987	22	49	161	106	139	98	92	188
1982	22	60	160	106	150	97	93	179
number, 1987	117	229	748	370	1 060	476	422	939
1982	102	214	706	396	1 020	418	422	863
Horses and ponies sold ---- farms, 1987	2	9	29	14	30	23	22	37
1982	2	10	30	15	29	26	15	40
number, 1987	(D)	24	91	31	162	38	51	80
1982	(D)	(D)	63	26	260	40	77	86
$1,000, 1987	(D)	19	246	29	200	94	96	131
1982	(D)	(D)	122	26	205	50	152	241

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

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

Item	Vermont	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin
INVENTORY							
Any poultry ---- farms, 1987	776	83	27	60	56	4	56
1982	1 065	107	38	84	94	15	74
Chickens 3 months old or older ---- farms, 1987	649	70	23	55	43	3	41
1982	892	92	36	72	72	10	56
number, 1987	405 869	(D)	917	(D)	(D)	18	(D)
1982	499 462	(D)	1 358	(D)	(D)	386	(D)
Hens and pullets of laying age ---- farms, 1987	645	69	23	55	43	3	41
1982	890	92	36	71	72	10	56
number, 1987	358 595	(D)	865	(D)	(D)	18	(D)
1982	460 820	(D)	1 252	(D)	(D)	(D)	(D)
1987 farms by inventory:							
1 to 99	610	66	22	54	38	3	37
100 to 399	18	2	1	-	3	-	-
400 to 3,199	8	-	-	-	-	-	2
3,200 to 9,999	1	-	-	-	-	-	1
10,000 to 19,999	2	-	-	-	-	-	-
20,000 to 49,999	5	1	-	-	2	-	1
50,000 to 99,999	-	-	-	-	-	-	-
100,000 or more ---- farms	1	-	-	1	-	-	-
number	(D)	-	-	(D)	-	-	-
Pullets 3 months old or older not of laying age ---- farms, 1987	76	9	3	5	4	-	13
1982	82	13	7	8	4	1	7
number, 1987	47 274	101	52	29	(D)	-	(D)
1982	38 642	183	106	206	(D)	(D)	(D)
Pullet chicks and pullets under 3 months old ---- farms, 1987	21	2	2	1	3	-	4
1982	27	2	4	3	3	-	-
number, 1987	29 953	(D)	(D)	(D)	(D)	-	630
1982	16 507	(D)	31	19	(D)	-	-
Broilers and other meat-type chickens ---- farms, 1987	114	10	3	9	9	1	9
1982	198	19	3	13	14	3	18
number, 1987	4 449	328	(D)	212	385	(D)	473
1982	7 951	683	(D)	459	787	(D)	683
Turkeys ---- farms, 1987	146	19	3	5	9	1	20
1982	179	19	8	13	11	4	9
number, 1987	2 631	656	(D)	41	286	(D)	290
1982	1 637	243	49	66	85	39	97
Turkey hens kept for breeding ---- farms, 1987	10	4	2	-	-	-	-
1982	29	2	-	5	-	-	2
number, 1987	136	(D)	(D)	-	-	-	-
1982	68	(D)	-	11	-	-	(D)
Ducks, geese, and other poultry ---- farms, 1987	206	21	13	15	19	1	12
1982	306	24	16	18	27	6	21
SALES							
Any poultry sold ---- farms, 1987	371	34	13	32	32	1	30
1982	487	47	16	38	47	6	27
$1,000, 1987	5 224	(D)	5	(D)	(D)	(D)	(D)
1982	6 152	866	8	2 706	720	3	392
Hens and pullets sold ---- farms, 1987	77	6	4	7	3	1	11
1982	142	6	7	10	8	2	13
number, 1987	372 481	(D)	250	(D)	(D)	(D)	(D)
1982	435 711	(D)	244	(D)	(D)	(D)	(D)
Hens and pullets of laying age sold ---- farms, 1987	74	5	4	7	3	1	11
1982	139	6	7	10	8	2	13
number, 1987	310 311	(D)	250	(D)	(D)	(D)	(D)
1982	(D)	(D)	244	(D)	(D)	(D)	(D)
Pullets not of laying age sold ---- farms, 1987	7	2	-	-	1	-	1
1982	10	-	-	2	-	-	1
number, 1987	62 170	(D)	-	-	(D)	-	(D)
1982	(D)	-	-	(D)	-	-	(D)
Broilers and other meat-type chickens sold ---- farms, 1987	53	3	3	4	1	-	5
1982	55	3	-	6	5	2	7
number, 1987	5 231	(D)	195	110	(D)	-	560
1982	(D)	(D)	-	418	568	(D)	590
1987 farms by number sold:							
1 to 1,999	53	3	3	4	1	-	5
2,000 to 59,999	-	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-	-
100,000 to 199,999	-	-	-	-	-	-	-
200,000 to 499,999	-	-	-	-	-	-	-
500,000 or more ---- farms	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-
Turkeys sold ---- farms, 1987	99	10	1	6	8	-	13
1982	80	9	-	9	7	1	6
number, 1987	17 982	3 900	(D)	(D)	5 930	-	986
1982	4 675	(D)	-	387	56	(D)	66
Turkeys for slaughter sold ---- farms, 1987	97	10	1	6	8	-	13
1982	80	9	-	9	7	1	6
number, 1987	(D)	3 900	(D)	(D)	5 930	-	986
1982	(D)	(D)	-	387	56	(D)	66
Ducks, geese, and other poultry sold ---- farms, 1987	32	3	4	3	1	-	1
1982	39	4	1	5	2	1	2

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

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

Item	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
INVENTORY								
Any poultry ---- farms, 1987	12	29	89	73	64	66	61	96
1982	17	28	126	95	106	77	71	133
Chickens 3 months old or older ---- farms, 1987	11	20	76	58	57	57	53	82
1982	12	22	110	79	88	70	61	112
number, 1987	267	(D)	2 399	1 491	7 063	(D)	4 549	2 397
1982	344	(D)	3 151	10 095	10 088	20 682	25 625	2 596
Hens and pullets of laying age ---- farms, 1987	11	20	76	56	57	57	53	81
1982	12	22	110	79	88	70	60	112
number, 1987	267	(D)	2 380	1 417	6 977	15 683	4 475	2 256
1982	(D)	(D)	3 089	10 030	10 038	(D)	16 623	2 513
1987 farms by inventory:								
1 to 99	11	17	73	54	52	53	50	80
100 to 399	-	-	2	2	3	3	2	-
400 to 3,199	-	1	1	-	2	-	1	1
3,200 to 9,999	-	-	-	-	-	-	-	-
10,000 to 19,999	-	1	-	-	-	1	-	-
20,000 to 49,999	-	1	-	-	-	-	-	-
50,000 to 99,999	-	-	-	-	-	-	-	-
100,000 or more ---- farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Pullets 3 months old or older not of laying age ---- farms, 1987	-	9	3	5	5	5	6	9
1982	1	3	8	4	4	6	7	9
number, 1987	-	(D)	19	74	86	(D)	74	141
1982	(D)	(D)	62	65	50	(D)	9 002	83
Pullet chicks and pullets under 3 months old ---- farms, 1987	-	1	4	-	1	1	2	-
1982	-	1	1	2	1	4	3	3
number, 1987	-	(D)	118	-	(D)	(D)	(D)	-
1982	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Broilers and other meat-type chickens ---- farms, 1987	-	4	13	12	8	18	5	13
1982	5	7	33	23	8	22	6	24
number, 1987	-	71	414	503	259	605	214	750
1982	202	169	1 064	1 563	352	991	87	761
Turkeys ---- farms, 1987	5	7	22	13	8	6	9	19
1982	7	5	27	20	14	13	6	23
number, 1987	25	46	371	140	143	274	169	174
1982	23	70	165	152	103	195	154	196
Turkey hens kept for breeding ---- farms, 1987	-	-	1	-	-	-	2	1
1982	4	1	5	3	3	-	-	4
number, 1987	-	-	(D)	-	-	-	(D)	(D)
1982	5	(D)	10	7	3	-	-	13
Ducks, geese, and other poultry ---- farms, 1987	4	9	15	23	18	16	19	21
1982	6	8	33	22	37	19	25	44
SALES								
Any poultry sold ---- farms, 1987	5	13	49	37	25	36	18	46
1982	3	20	57	37	35	42	44	68
$1,000, 1987	2	444	28	39	111	(D)	(D)	18
1982	1	471	61	137	125	300	343	17
Hens and pullets sold ---- farms, 1987	-	5	5	3	6	9	8	9
1982	-	8	22	13	10	9	20	14
number, 1987	-	(D)	87	(D)	(D)	(D)	(D)	385
1982	-	(D)	(D)	(D)	2 302	(D)	10 266	365
Hens and pullets of laying age sold ---- farms, 1987	-	3	5	3	6	9	8	9
1982	-	8	21	13	8	9	20	14
number, 1987	-	(D)	87	(D)	(D)	(D)	(D)	385
1982	-	(D)	858	(D)	(D)	(D)	10 266	365
Pullets not of laying age sold ---- farms, 1987	-	2	-	-	-	-	1	-
1982	-	1	2	1	2	1	-	-
number, 1987	-	(D)	-	-	-	-	(D)	-
1982	-	(D)	(D)	(D)	(D)	(D)	-	-
Broilers and other meat-type chickens sold ---- farms, 1987	-	2	8	6	5	7	1	8
1982	-	8	5	1	5	6	1	6
number, 1987	-	(D)	171	289	215	2 065	(D)	1 185
1982	-	(D)	205	(D)	(D)	370	(D)	140
1987 farms by number sold:								
1 to 1,999	-	2	8	6	5	7	1	8
2,000 to 59,999	-	-	-	-	-	-	-	-
60,000 to 99,999	-	-	-	-	-	-	-	-
100,000 to 199,999	-	-	-	-	-	-	-	-
200,000 to 499,999	-	-	-	-	-	-	-	-
500,000 or more ---- farms	-	-	-	-	-	-	-	-
number	-	-	-	-	-	-	-	-
Turkeys sold ---- farms, 1987	1	5	19	9	9	6	2	10
1982	1	5	5	5	9	8	5	10
number, 1987	(D)	(D)	600	136	241	953	(D)	208
1982	(D)	654	62	23	390	610	144	91
Turkeys for slaughter sold ---- farms, 1987	1	5	19	9	9	6	-	10
1982	1	5	5	5	9	8	5	10
number, 1987	(D)	(D)	600	136	241	953	-	208
1982	(D)	654	62	23	390	610	144	91
Ducks, geese, and other poultry sold ---- farms, 1987	1	2	-	7	2	3	4	1
1982	-	1	3	2	3	1	6	8

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

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

Crop		Vermont	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin
Harvested cropland	farms, 1987	5 069	633	135	402	359	74	689
	1982	5 583	679	156	425	442	83	724
	acres, 1987	488 253	111 465	8 629	32 417	34 762	6 611	78 056
	1982	547 848	119 197	12 006	33 400	44 485	7 213	80 429
Irrigated	farms, 1987	174	27	9	5	18	3	17
	1982	119	13	5	3	15	3	8
	acres, 1987	1 782	(D)	13	(D)	(D)	9	(D)
	1982	1 246	144	8	3	99	(D)	170
Corn for grain or seed	farms, 1987	210	83	12	3	12	1	26
	1982	261	84	20	8	27	3	30
	acres, 1987	11 191	4 690	369	(D)	762	(D)	1 427
	1982	12 428	4 358	246	193	1 848	(D)	1 922
	bushels, 1987	1 031 941	425 189	34 365	(D)	70 084	(D)	141 542
	1982	1 173 189	376 025	23 567	16 550	170 028	(D)	200 461
Irrigated	farms, 1987	4	-	-	-	-	-	1
	1982	4	1	-	-	-	-	-
	acres, 1987	68	-	-	-	-	-	(D)
	1982	102	(D)	-	-	-	-	-
1987 farms by acres harvested:								
1 to 24 acres		61	19	7	2	1	-	8
25 to 99 acres		119	49	5	1	8	1	15
100 to 249 acres		27	14	-	-	3	-	2
250 acres or more		3	1	-	-	-	-	1
Corn for silage or green chop	farms, 1987	1 481	290	33	85	78	17	296
	1982	1 949	393	56	91	128	23	344
	acres, 1987	70 258	14 734	1 509	3 046	4 626	1 021	14 968
	1982	86 701	23 130	2 410	3 140	7 163	(D)	14 716
	tons, green, 1987	1 154 813	220 402	22 495	52 848	77 036	19 206	262 180
	1982	1 242 312	285 342	41 338	52 018	97 404	20 063	215 333
Irrigated	farms, 1987	9	-	-	1	-	-	6
	1982	7	-	-	-	-	-	1
	acres, 1987	290	-	-	(D)	-	-	192
	1982	281	-	-	-	-	-	(D)
1987 farms by acres harvested:								
1 to 24 acres		511	67	10	41	14	4	78
25 to 99 acres		814	190	20	39	49	11	183
100 to 249 acres		141	31	2	5	14	2	33
250 acres or more		15	2	1	-	1	-	2
Oats for grain	farms, 1987	42	10	4	2	3	-	7
	1982	98	21	2	7	9	4	24
	acres, 1987	646	244	27	(D)	(D)	-	78
	1982	1 549	530	(D)	104	132	51	362
	bushels, 1987	28 475	8 518	1 310	(D)	(D)	-	5 020
	1982	70 621	23 249	(D)	4 040	5 181	2 940	17 839
Irrigated	farms, 1987	2	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-
	acres, 1987	(D)	-	-	-	-	-	-
	1982	-	-	-	-	-	-	-
1987 farms by acres harvested:								
1 to 24 acres		34	5	4	2	3	-	6
25 to 99 acres		8	5	-	-	-	-	1
100 to 249 acres		-	-	-	-	-	-	-
250 acres or more		-	-	-	-	-	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms, 1987	4 640	581	108	380	316	69	658
	1982	5 195	624	138	404	404	82	697
	acres, 1987	432 881	100 418	6 605	30 288	30 689	6 349	66 172
	1982	467 603	98 033	9 011	30 725	36 692	6 104	66 665
	tons, dry, 1987	869 548	201 897	14 785	53 884	56 362	11 634	149 858
	1982	886 084	180 714	18 466	54 262	72 150	12 119	140 952
Irrigated	farms, 1987	13	2	-	-	-	-	6
	1982	13	-	-	-	3	-	2
	acres, 1987	371	(D)	-	-	-	-	230
	1982	376	-	-	-	(D)	-	(D)
1987 farms by acres harvested:								
1 to 24 acres		1 003	82	35	82	71	10	82
25 to 99 acres		2 028	140	53	185	133	33	288
100 to 249 acres		1 281	220	16	100	84	22	248
250 acres or more		328	139	4	13	28	4	40
Vegetables harvested for sale (see text)	farms, 1987	230	20	13	14	25	3	14
	1982	228	21	15	16	17	2	19
	acres, 1987	2 038	118	110	44	505	9	87
	1982	1 633	63	100	(D)	427	(D)	62
Irrigated	farms, 1987	43	5	1	-	5	2	2
	1982	41	4	2	-	4	-	4
	acres, 1987	365	32	(D)	-	115	(D)	(D)
	1982	128	5	(D)	-	4	-	9
1987 farms by acres harvested:								
0.1 to 4.9 acres		134	11	8	9	15	3	10
5.0 to 24.9 acres		80	9	4	5	6	-	4
25.0 to 99.9 acres		15	-	1	-	3	-	-
100.0 acres or more		1	-	-	-	1	-	-
Land in orchards	farms, 1987	221	32	14	12	21	1	6
	1982	244	41	10	8	24	-	6
	acres, 1987	4 797	2 152	(D)	21	179	(D)	39
	1982	4 980	2 117	465	34	213	-	22
Irrigated	farms, 1987	15	4	-	-	3	-	-
	1982	13	3	-	-	3	-	-
	acres, 1987	304	285	-	-	12	-	-
	1982	87	(D)	-	-	45	-	-
1987 farms by bearing and nonbearing acres:								
0.1 to 4.9 acres		125	10	10	12	12	-	3
5.0 to 24.9 acres		54	5	2	-	8	1	3
25.0 to 99.9 acres		30	10	1	-	1	-	-
100.0 acres or more		12	7	1	-	-	-	-

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

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

Crop	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
Harvested cropland ..... farms, 1987	114	175	496	531	452	315	239	455
1982	127	208	539	598	485	352	262	503
acres, 1987	15 557	14 418	30 806	56 462	39 508	20 706	14 538	24 318
1982	18 919	17 349	37 313	62 606	47 376	22 266	16 965	28 324
Irrigated ..... farms, 1987	9	5	11	7	16	14	16	17
1982	7	4	9	8	13	11	9	11
acres, 1987	142	6	89	(D)	(D)	40	91	(D)
1982	174	(D)	34	53	270	74	55	29
Corn for grain or seed ..... farms, 1987	10	12	9	3	21	2	5	11
1982	16	7	13	8	25	2	7	11
acres, 1987	501	454	305	115	1 443	(D)	446	533
1982	626	382	554	300	1 026	(D)	457	368
bushels, 1987	49 150	41 814	28 586	(D)	110 606	(D)	50 325	57 240
1982	56 950	47 374	57 314	30 000	93 959	(D)	49 110	37 095
Irrigated ..... farms, 1987	1	-	-	-	-	-	-	2
1982	2	-	1	-	-	-	-	-
acres, 1987	(D)	-	-	-	-	-	-	(D)
1982	(D)	-	(D)	-	-	-	-	-
1987 farms by acres harvested:								
1 to 24 acres	4	8	2	-	4	1	2	3
25 to 99 acres	4	2	6	3	15	1	1	8
100 to 249 acres	2	2	1	-	1	-	2	-
250 acres or more	-	-	-	-	1	-	-	-
Corn for silage or green chop ..... farms, 1987	48	49	129	90	167	56	46	97
1982	58	62	188	103	235	86	59	123
acres, 1987	2 263	2 278	3 834	6 470	7 235	2 459	2 544	3 271
1982	2 463	2 579	5 100	5 995	8 832	(D)	3 485	3 609
tons, green, 1987	34 727	41 534	65 282	109 463	105 398	45 256	50 340	48 646
1982	35 487	40 882	84 733	88 691	123 071	48 847	54 403	54 700
Irrigated ..... farms, 1987	2	-	-	-	-	-	-	-
1982	2	-	-	-	2	1	-	1
acres, 1987	(D)	-	-	-	-	-	-	-
1982	(D)	-	-	-	(D)	(D)	-	(D)
1987 farms by acres harvested:								
1 to 24 acres	10	19	76	44	60	20	18	50
25 to 99 acres	34	25	47	35	89	29	22	41
100 to 249 acres	4	4	6	6	18	7	4	5
250 acres or more	-	1	-	5	-	-	2	1
Oats for grain ..... farms, 1987	5	1	-	6	3	1	-	-
1982	9	-	-	7	10	5	-	-
acres, 1987	45	(D)	-	68	101	(D)	-	-
1982	143	-	-	(D)	111	(D)	-	-
bushels, 1987	1 550	(D)	-	2 970	(D)	(D)	-	-
1982	8 561	-	-	(D)	4 116	(D)	-	-
Irrigated ..... farms, 1987	2	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
acres, 1987	(D)	-	-	-	-	-	-	-
1982	-	-	-	-	-	-	-	-
1987 farms by acres harvested:								
1 to 24 acres	5	1	-	5	2	1	-	-
25 to 99 acres	-	-	-	1	1	-	-	-
100 to 249 acres	-	-	-	-	-	-	-	-
250 acres or more	-	-	-	-	-	-	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ..... farms, 1987	103	156	460	515	411	285	190	408
1982	113	193	506	582	454	327	216	455
acres, 1987	13 809	12 345	28 712	52 037	33 702	18 889	11 031	21 835
1982	16 484	15 094	33 623	58 102	39 367	19 824	12 680	25 199
tons, dry, 1987	29 492	25 371	56 243	107 534	64 634	38 729	21 233	37 892
1982	28 961	29 056	63 640	109 738	71 871	36 181	24 211	43 763
Irrigated ..... farms, 1987	1	-	1	1	1	1	-	-
1982	2	1	-	3	1	1	-	-
acres, 1987	(D)	-	(D)	(D)	(D)	(D)	-	-
1982	(D)	(D)	-	34	(D)	(D)	-	-
1987 farms by acres harvested:								
1 to 24 acres	16	40	121	69	107	86	66	136
25 to 99 acres	36	73	251	218	186	140	85	207
100 to 249 acres	31	37	80	201	99	50	35	58
250 acres or more	20	6	8	27	19	9	4	7
Vegetables harvested for sale (see text) ..... farms, 1987	5	7	22	9	28	18	25	27
1982	6	8	18	9	23	15	29	30
acres, 1987	67	54	170	37	202	141	329	166
1982	40	(D)	68	53	168	99	310	170
Irrigated ..... farms, 1987	3	1	4	2	7	3	3	5
1982	3	2	4	3	6	4	1	4
acres, 1987	40	(D)	27	(D)	64	11	(D)	31
1982	22	(D)	(D)	(D)	43	5	(D)	10
1987 farms by acres harvested:								
0.1 to 4.9 acres	1	5	11	6	13	11	17	14
5.0 to 24.9 acres	4	2	10	3	12	5	4	12
25.0 to 99.9 acres	-	-	1	-	3	2	4	1
100.0 acres or more	-	-	-	-	-	-	-	-
Land in orchards ..... farms, 1987	10	4	16	15	15	21	28	26
1982	8	5	32	12	22	15	31	30
acres, 1987	233	12	135	64	318	79	890	265
1982	230	16	145	23	455	100	842	320
Irrigated ..... farms, 1987	2	-	-	-	-	5	1	-
1982	1	-	1	-	2	1	1	1
acres, 1987	(D)	-	-	-	-	4	(D)	-
1982	(D)	-	(D)	-	(D)	(D)	(D)	(D)
1987 farms by bearing and nonbearing acres:								
0.1 to 4.9 acres	6	3	8	13	3	17	11	17
5.0 to 24.9 acres	1	1	6	2	7	3	10	5
25.0 to 99.9 acres	2	-	2	-	5	1	4	4
100.0 acres or more	1	-	-	-	-	-	3	-

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	Vermont	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin
FARMS AND LAND IN FARMS							
Land in farms ..... farms, 1987	3 285	492	65	246	209	45	599
1982	3 609	526	78	247	265	45	637
acres, 1987	1 069 202	195 794	18 739	74 156	71 776	15 261	194 166
1982	1 212 971	207 197	24 509	80 140	91 181	17 894	206 209
Average size of farm ..... acres, 1987	325	398	288	301	343	339	324
1982	336	394	314	324	344	398	324
Value of land and buildings[1]:							
Average per farm ..... dollars, 1987	317 197	378 570	331 937	242 528	505 179	259 378	239 479
1982	266 118	318 980	313 077	199 061	358 170	198 911	232 863
Average per acre ..... dollars, 1987	1 039	996	1 205	855	1 524	765	790
1982	793	779	1 020	609	1 089	500	711
Total cropland ..... farms, 1987	3 159	476	61	240	200	44	570
1982	3 535	510	76	243	260	45	628
acres, 1987	599 734	135 346	9 819	38 195	42 184	7 299	106 949
1982	657 871	140 678	12 627	38 391	53 100	8 589	111 509
Harvested cropland ..... farms, 1987	3 039	463	58	226	196	41	541
1982	3 441	504	74	234	250	45	606
acres, 1987	427 966	105 435	6 540	27 108	29 343	5 561	73 882
1982	480 503	112 696	9 310	26 687	38 151	6 108	77 058
Irrigated land ..... farms, 1987	124	18	4	4	13	1	16
1982	80	7	4	2	9	2	7
acres, 1987	1 629	365	7	(D)	225	(D)	(D)
1982	1 130	132	(D)	(D)	69	(D)	(D)
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD							
Total sales (see text) $1,000, 1987	368 848	75 024	6 403	22 916	21 403	4 867	78 001
1982	362 029	72 217	7 120	21 948	24 343	4 664	70 634
Average per farm ..... dollars, 1987	112 282	152 488	98 511	93 154	102 407	108 155	130 218
1982	100 313	137 294	91 286	88 859	91 860	103 648	110 885
1987 sales by commodity or commodity group:							
Crops, including nursery and greenhouse crops ..... farms	935	154	25	78	85	15	95
$1,000	22 274	5 854	1 376	797	2 291	348	1 015
Grains ..... farms	76	27	5	3	9	2	4
$1,000	559	162	(D)	(D)	(D)	(D)	(D)
Corn for grain ..... farms	49	18	5	-	4	1	3
$1,000	449	(D)	(D)	-	(D)	(D)	(D)
Wheat ..... farms	13	7	-	1	-	-	-
$1,000	(D)	(D)	-	(D)	-	-	-
Soybeans ..... farms	1	-	-	-	1	-	-
$1,000	(D)	-	-	-	(D)	-	-
Sorghum for grain ..... farms	1	-	-	-	1	-	-
$1,000	(D)	-	-	-	(D)	-	-
Barley ..... farms	10	4	-	1	1	1	1
$1,000	(D)	(D)	-	(D)	(D)	(D)	(D)
Oats ..... farms	3	1	-	-	2	-	-
$1,000	(D)	(D)	-	-	(D)	-	-
Other grains ..... farms	5	1	-	1	2	-	-
$1,000	(D)	(D)	-	(D)	(D)	-	-
Cotton and cottonseed ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Tobacco ..... farms	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-
Hay, silage, and field seeds ..... farms	694	118	17	66	63	12	77
$1,000	5 984	1 309	128	461	680	134	537
Vegetables, sweet corn, and melons ..... farms	126	14	4	6	15	-	4
$1,000	2 285	(D)	93	25	451	-	127
Fruits, nuts, and berries ..... farms	103	25	5	2	8	-	6
$1,000	8 349	3 694	(D)	(D)	380	-	(D)
Nursery and greenhouse crops ..... farms	120	10	6	7	14	2	7
$1,000	4 713	529	521	271	667	(D)	258
Other crops ..... farms	29	2	-	4	4	1	-
$1,000	384	(D)	-	(D)	(D)	(D)	-
Livestock, poultry, and their products ..... farms	3 050	457	54	232	181	39	584
$1,000	346 573	69 170	5 027	22 119	19 112	4 519	76 985
Poultry and poultry products ..... farms	133	15	1	15	11	-	13
$1,000	5 116	(D)	(D)	(D)	(D)	-	(D)
Dairy products ..... farms	2 646	398	44	201	139	33	539
$1,000	298 433	60 006	4 143	18 081	15 269	4 008	66 675
Cattle and calves ..... farms	2 916	438	49	222	163	39	573
$1,000	39 860	7 864	750	2 202	2 310	511	9 510
Hogs and pigs ..... farms	85	7	3	6	7	-	6
$1,000	493	(D)	(D)	(D)	36	-	(D)
Sheep, lambs, and wool ..... farms	137	23	4	14	8	-	11
$1,000	775	314	2	22	(D)	-	13
Other livestock and livestock products (see text) ..... farms	140	23	5	16	14	-	9
$1,000	1 896	195	105	258	238	-	178

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	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
FARMS AND LAND IN FARMS								
Land in farms ..... farms, 1987	82	125	276	449	270	151	105	171
1982	89	145	313	481	306	163	120	194
acres, 1987	24 377	34 452	74 451	143 503	101 636	43 282	27 519	50 090
1982	29 416	40 947	93 467	156 796	123 058	49 736	34 956	57 465
Average size of farm ..... acres, 1987	297	276	270	320	376	287	262	293
1982	331	282	299	326	402	305	291	296
Value of land and buildings[1]:								
Average per farm ..... dollars, 1987	307 747	263 839	322 341	232 735	366 394	336 366	378 150	442 966
1982	322 404	249 014	261 377	221 884	273 725	271 035	338 174	250 144
Average per acre ..... dollars, 1987	1 026	1 077	1 205	818	1 048	1 311	1 431	1 670
1982	959	944	864	684	706	866	1 115	921
Total cropland ..... farms, 1987	77	116	273	426	263	149	97	167
1982	87	142	306	474	299	160	116	189
acres, 1987	18 287	18 443	36 255	77 953	50 416	21 318	14 138	23 132
1982	21 721	21 789	43 658	83 175	58 621	22 670	16 843	24 500
Harvested cropland ..... farms, 1987	76	108	266	399	258	147	96	164
1982	86	134	300	457	293	159	113	186
acres, 1987	13 868	12 684	24 177	52 036	33 956	15 910	11 016	16 450
1982	17 125	15 660	30 113	58 076	40 143	17 196	12 979	19 201
Irrigated land ..... farms, 1987	7	4	7	6	11	9	13	11
1982	6	1	5	4	9	10	8	6
acres, 1987	(D)	(D)	40	(D)	78	33	81	84
1982	(D)	(D)	25	29	259	(D)	(D)	17
MARKET VALUE OF AGRICULTURAL PRODUCTS SOLD								
Total sales (see text) $1,000, 1987	7 885	13 900	24 021	48 713	25 758	14 226	13 030	12 702
1982	7 386	15 035	24 303	46 148	27 218	13 214	13 365	14 434
Average per farm ..... dollars, 1987	96 157	111 202	87 033	108 491	95 399	94 210	124 091	74 281
1982	82 987	103 690	77 647	95 941	88 947	81 066	111 374	74 403
1987 sales by commodity or commodity group:								
Crops, including nursery and greenhouse crops ..... farms	32	32	77	79	89	52	48	74
$1,000	1 124	611	1 235	1 025	1 488	718	3 055	1 336
Grains ..... farms	5	3	3	2	8	-	-	5
$1,000	(D)	(D)	(D)	(D)	(D)	-	-	(D)
Corn for grain ..... farms	3	2	1	-	7	-	-	5
$1,000	(D)	(D)	(D)	-	(D)	-	-	(D)
Wheat ..... farms	1	1	2	-	1	-	-	-
$1,000	(D)	(D)	(D)	-	(D)	-	-	-
Soybeans ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Sorghum for grain ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Barley ..... farms	-	-	-	2	-	-	-	-
$1,000	-	-	-	(D)	-	-	-	-
Oats ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Other grains ..... farms	1	-	-	-	-	-	-	-
$1,000	(D)	-	-	-	-	-	-	-
Cotton and cottonseed ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Tobacco ..... farms	-	-	-	-	-	-	-	-
$1,000	-	-	-	-	-	-	-	-
Hay, silage, and field seeds ..... farms	21	20	54	70	60	39	24	53
$1,000	269	254	337	666	449	238	120	402
Vegetables, sweet corn, and melons ..... farms	4	3	15	5	16	15	13	12
$1,000	(D)	(D)	331	(D)	195	197	419	121
Fruits, nuts, and berries ..... farms	5	3	10	1	10	10	15	3
$1,000	(D)	(D)	114	(D)	423	(D)	2 087	(D)
Nursery and greenhouse crops ..... farms	3	7	13	5	12	8	14	12
$1,000	(D)	192	352	286	330	243	(D)	425
Other crops ..... farms	-	3	2	2	5	1	3	2
$1,000	-	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Livestock, poultry, and their products ..... farms	65	113	265	438	247	135	83	157
$1,000	6 761	13 289	22 787	47 687	24 270	13 508	9 975	11 366
Poultry and poultry products ..... farms	1	7	9	21	13	11	5	11
$1,000	(D)	442	6	36	108	(D)	(D)	4
Dairy products ..... farms	54	95	232	421	201	115	60	114
$1,000	5 904	11 098	19 780	(D)	20 804	11 705	(D)	9 255
Cattle and calves ..... farms	62	109	247	434	236	127	72	145
$1,000	816	1 669	2 669	4 076	2 988	1 461	1 247	1 788
Hogs and pigs ..... farms	1	2	10	8	10	10	4	11
$1,000	(D)	(D)	42	23	94	20	(D)	112
Sheep, lambs, and wool ..... farms	3	4	21	11	7	6	8	17
$1,000	(D)	(D)	77	(D)	2	(D)	52	(D)
Other livestock and livestock products (see text) ..... farms	3	2	13	5	17	10	8	15
$1,000	38	(D)	213	22	275	67	(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	Vermont	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION							
Cash grains (011)	4	-	-	-	1	1	-
Field crops, except cash grains (013)	144	23	5	14	17	5	7
Cotton (0131)	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	144	23	5	14	17	5	7
Vegetables and melons (016)	48	4	-	1	3	-	3
Fruits and tree nuts (017)	54	20	2	-	5	-	2
Horticultural specialties (018)	78	9	5	5	10	2	5
General farms, primarily crop (019)	11	1	2	3	1	-	-
Livestock, except dairy, poultry, and animal specialties (021)	286	35	8	18	25	6	45
Beef cattle, except feedlots (0212)	212	26	5	15	19	6	37
Dairy farms (024)	2 567	390	39	194	133	30	528
Poultry and eggs (025)	24	3	-	1	5	-	5
Animal specialties (027)	51	5	4	9	9	-	4
General farms, primarily livestock and animal specialties (029)	18	2	-	1	-	1	-
FARMS BY SIZE							
1 to 9 acres 1987	97	14	2	5	8	2	13
1982	71	12	3	4	4	-	9
10 to 49 acres 1987	182	24	7	16	14	2	31
1982	124	18	4	15	14	1	16
50 to 69 acres 1987	56	3	3	1	2	-	11
1982	60	7	1	7	3	-	9
70 to 99 acres 1987	104	8	4	11	8	-	16
1982	106	3	3	7	10	3	12
100 to 139 acres 1987	233	20	9	20	22	5	34
1982	242	16	5	17	18	2	44
140 to 179 acres 1987	268	26	3	30	12	3	46
1982	300	23	13	21	20	3	54
180 to 219 acres 1987	311	35	5	22	14	4	54
1982	346	41	5	19	31	4	75
220 to 259 acres 1987	311	48	3	23	21	5	62
1982	336	41	7	17	20	4	70
260 to 499 acres 1987	1 144	177	18	81	64	14	237
1982	1 370	232	23	92	94	19	253
500 to 999 acres 1987	505	118	9	32	37	8	81
1982	572	115	13	45	42	5	84
1,000 to 1,999 acres 1987	65	18	2	4	5	2	13
1982	76	18	1	2	8	4	10
2,000 acres or more 1987	9	1	-	1	2	-	1
1982	6	-	-	1	1	-	1
TENURE OF OPERATOR							
Full owners farms, 1987	1 403	209	17	82	83	24	358
1982	1 578	252	27	68	130	18	393
acres, 1987	375 212	63 089	4 017	21 363	24 294	6 673	101 343
1982	455 879	81 977	(D)	19 155	40 841	(D)	114 096
Part owners farms, 1987	1 595	244	36	140	94	16	214
1982	1 773	243	44	156	110	24	225
acres, 1987	622 008	122 253	12 028	49 495	39 430	6 246	86 529
1982	685 138	115 452	14 913	54 763	43 731	11 081	86 844
Tenants farms, 1987	287	39	12	24	32	5	27
1982	258	31	7	23	25	3	19
acres, 1987	71 982	10 452	2 694	3 298	8 052	2 342	6 294
1982	71 954	9 768	(D)	6 222	6 609	(D)	5 269
OPERATOR CHARACTERISTICS							
Operators by place of residence:							
On farm operated 1987	2 896	451	57	217	169	37	526
1982	3 078	462	68	208	218	39	530
Not on farm operated 1987	245	22	4	18	28	5	37
1982	225	21	7	14	20	2	40
Not reported 1987	144	19	4	11	12	3	36
1982	306	43	3	25	27	4	67
Operators by principal occupation:							
Farming 1987	2 938	447	60	225	176	39	544
1982	3 287	497	74	223	223	42	584
Other 1987	347	45	5	21	33	6	55
1982	322	29	4	24	42	3	53
Operators by days of work off farm:							
None 1987	2 179	339	45	163	127	25	409
1982	2 470	395	61	158	163	33	448
Any 1987	905	124	16	66	67	14	146
1982	826	88	12	70	76	8	133
1 to 49 days 1987	279	43	7	20	15	3	40
1982	277	30	5	28	18	2	34
50 to 99 days 1987	98	12	1	9	5	1	16
1982	79	12	1	4	3	1	11
100 to 149 acres 1987	75	16	1	7	6	-	6
1982	89	8	-	10	5	1	16

See footnotes at end of table.

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

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

Item	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
1987 FARMS BY STANDARD INDUSTRIAL CLASSIFICATION								
Cash grains (011)	1	-	-	-	-	-	-	1
Field crops, except cash grains (013)	7	4	11	9	15	8	4	15
Cotton (0131)	-	-	-	-	-	-	-	-
Tobacco (0132)	-	-	-	-	-	-	-	-
Sugarcane and sugar beets; Irish potatoes; field crops, except cash grains, n.e.c. (0133, 0134, 0139)	7	4	11	9	15	8	4	15
Vegetables and melons (016)	3	2	8	1	8	8	5	2
Fruits and tree nuts (017)	5	-	2	1	4	1	10	2
Horticultural specialties (018)	1	6	4	3	8	4	8	8
General farms, primarily crop (019)	-	-	1	1	-	-	1	1
Livestock, except dairy, poultry, and animal specialties (021)	9	16	20	25	29	11	13	26
Beef cattle, except feedlots (0212)	8	13	11	23	21	5	8	15
Dairy farms (024)	53	93	224	404	196	112	59	112
Poultry and eggs (025)	-	3	-	1	3	1	2	-
Animal specialties (027)	2	-	3	1	5	4	2	3
General farms, primarily livestock and animal specialties (029)	1	1	3	3	2	2	1	1
FARMS BY SIZE								
1 to 9 acres 1987	3	11	3	11	8	2	8	7
1982	1	5	5	5	6	1	10	6
10 to 49 acres 1987	7	7	14	15	16	7	12	10
1982	5	4	13	7	7	4	6	10
50 to 69 acres 1987	-	1	9	10	7	1	3	5
1982	1	2	4	9	4	3	2	8
70 to 99 acres 1987	6	2	11	15	4	4	9	6
1982	5	7	12	13	9	5	4	13
100 to 139 acres 1987	5	13	26	24	16	16	11	12
1982	6	12	31	35	20	9	16	11
140 to 179 acres 1987	1	9	31	47	20	14	5	21
1982	5	20	28	40	27	16	15	15
180 to 219 acres 1987	9	11	30	54	26	19	14	14
1982	4	18	35	54	18	20	4	18
220 to 259 acres 1987	6	18	29	43	20	14	2	17
1982	11	14	35	43	18	19	7	30
260 to 499 acres 1987	32	39	89	163	86	62	26	56
1982	37	46	103	201	114	64	36	56
500 to 999 acres 1987	13	12	34	60	56	11	12	22
1982	11	15	44	66	69	22	18	23
1,000 to 1,999 acres 1987	-	2	-	5	9	1	3	1
1982	3	2	3	7	12	-	2	4
2,000 acres or more 1987	-	-	-	2	2	-	-	-
1982	-	-	-	1	2	-	-	-
TENURE OF OPERATOR								
Full owners farms, 1987	27	54	90	201	106	56	35	61
1982	32	58	117	206	110	55	41	71
acres, 1987	(D)	9 988	23 279	53 069	29 947	12 145	(D)	14 476
1982	6 072	14 974	30 990	59 596	37 453	13 855	8 473	15 543
Part owners farms, 1987	46	61	164	201	136	87	61	95
1982	50	77	170	233	167	95	68	111
acres, 1987	16 730	22 878	45 283	77 087	64 577	29 661	18 773	31 038
1982	20 096	23 527	55 866	84 828	78 209	32 592	24 315	38 921
Tenants farms, 1987	9	10	22	47	28	8	9	15
1982	7	10	26	42	29	13	11	12
acres, 1987	(D)	1 586	5 889	13 347	7 112	1 476	(D)	4 576
1982	3 248	2 446	6 611	12 372	7 396	3 289	2 168	3 001
OPERATOR CHARACTERISTICS								
Operators by place of residence:								
On farm operated 1987	74	96	256	395	231	132	99	156
1982	68	123	267	421	260	145	99	170
Not on farm operated 1987	6	21	10	35	29	14	5	11
1982	10	12	20	22	25	9	14	9
Not reported 1987	2	8	10	19	10	5	1	4
1982	11	10	26	38	21	9	7	15
Operators by principal occupation:								
Farming 1987	75	105	259	403	236	125	92	152
1982	74	130	291	448	273	150	106	172
Other 1987	7	20	17	46	34	26	13	19
1982	15	15	22	33	33	13	14	22
Operators by days of work off farm:								
None 1987	56	86	174	288	180	100	74	113
1982	55	99	206	321	212	116	74	129
Any 1987	19	30	86	139	73	46	26	53
1982	26	36	84	111	65	33	35	49
1 to 49 days 1987	5	7	41	42	16	17	13	10
1982	10	13	34	49	13	10	13	18
50 to 99 days 1987	-	2	12	16	10	2	4	8
1982	3	4	9	15	5	4	5	2
100 to 149 acres 1987	1	1	2	13	8	5	2	7
1982	3	1	5	21	6	4	5	4

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		Vermont	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin
OPERATOR CHARACTERISTICS—Con.								
Operators by days of work off farm—Con.								
Any—Con.								
150 to 199 days	1987	98	7	2	9	9	3	12
	1982	69	9	1	8	6	-	15
200 days or more	1987	355	46	5	21	32	7	72
	1982	312	29	5	20	44	4	57
Not reported	1987	201	29	4	17	15	6	44
	1982	313	43	5	19	26	4	56
1987 operators by years on present farm:								
2 years or less		193	29	4	23	18	3	34
3 or 4 years		258	36	2	27	13	4	51
5 to 9 years		512	68	9	53	27	12	90
10 years or more		1 915	310	43	111	115	19	347
Average years on present farm		18.6	18.6	20.0	15.5	19.0	15.6	17.6
Not reported		407	49	7	32	36	7	77
1987 operators by age group:								
Under 25 years		37	7	-	8	1	-	9
25 to 34 years		481	81	7	44	30	6	88
35 to 44 years		857	111	17	69	49	15	186
45 to 54 years		789	128	16	46	48	8	138
55 to 64 years		690	104	18	54	47	6	122
65 years and over		431	61	7	25	34	10	56
Average age		48.7	48.4	50.3	46.4	50.4	50.8	47.1
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship)	farms, 1987	2 699	382	44	212	165	37	521
	1982	3 049	430	62	219	211	38	553
	acres, 1987	825 028	134 818	11 562	62 174	59 783	12 590	156 996
	1982	954 006	153 886	16 949	68 307	69 685	15 294	167 513
Partnership	farms, 1987	390	73	7	28	28	3	51
	1982	409	65	9	24	39	6	56
	acres, 1987	154 996	39 469	(D)	(D)	8 810	(D)	20 965
	1982	178 797	35 373	4 655	10 087	14 320	(D)	21 397
Corporation:								
Family held	farms, 1987	155	32	9	4	12	4	26
	1982	123	25	4	4	10	1	24
	acres, 1987	76 729	(D)	(D)	(D)	(D)	1 694	(D)
	1982	66 819	15 167	(D)	1 746	(D)	(D)	(D)
Other than family held	farms, 1987	17	1	3	2	1	-	-
	1982	16	3	2	-	2	-	2
	acres, 1987	4 042	(D)	215	(D)	(D)	-	-
	1982	6 179	(D)	(D)	-	(D)	-	(D)
Other—cooperative, estate or trust, institutional, etc.	farms, 1987	24	4	2	-	3	1	1
	1982	12	3	1	-	3	-	2
	acres, 1987	8 407	666	(D)	-	(D)	(D)	(D)
	1982	7 170	(D)	(D)	-	910	-	(D)
1987 FARM PRODUCTION EXPENSES[1]								
Total farm production expenses	farms	3 337	493	63	248	207	45	599
	$1,000	275 481	56 468	4 497	17 167	15 994	4 124	57 848
Livestock and poultry purchased	farms	1 649	240	19	138	120	21	387
	$1,000	18 452	2 878	213	1 332	1 516	233	5 921
Feed for livestock and poultry	farms	2 962	440	51	234	156	38	568
	$1,000	87 726	16 432	1 237	5 946	4 362	1 251	20 123
Commercially mixed formula feeds	farms	2 802	432	47	193	130	34	564
	$1,000	69 390	13 208	893	5 210	3 410	1 053	15 778
Seeds, bulbs, plants, and trees	farms	2 045	370	42	121	119	26	372
	$1,000	2 885	672	73	119	180	(D)	492
Commercial fertilizer	farms	2 567	385	50	221	161	33	468
	$1,000	8 628	1 860	161	624	450	119	1 653
Agricultural chemicals	farms	1 716	302	38	116	123	25	306
	$1,000	2 732	910	80	83	165	43	450
Petroleum products	farms	3 252	485	63	240	198	45	581
	$1,000	9 971	2 063	200	635	513	172	1 789
Electricity	farms	3 207	483	61	234	197	44	598
	$1,000	10 348	2 085	180	548	600	112	2 314
Hired farm labor	farms	2 407	395	46	175	147	30	467
	$1,000	31 070	7 428	792	1 271	2 043	393	5 727
Contract labor	farms	388	82	8	13	23	7	52
	$1,000	1 403	321	37	41	126	(D)	197
Repair and maintenance	farms	3 116	480	57	238	182	41	575
	$1,000	18 507	3 939	284	1 124	1 039	285	3 459
Customwork, machine hire, and rental of machinery and equipment	farms	1 249	211	13	120	67	23	230
	$1,000	2 501	579	14	126	139	(D)	513
Interest	farms	2 486	416	43	162	153	29	441
	$1,000	21 348	4 664	319	1 388	998	(D)	4 006
Cash rent	farms	1 547	228	35	91	107	21	223
	$1,000	4 493	838	106	241	433	(D)	569
Property taxes	farms	3 122	473	55	247	180	43	576
	$1,000	10 388	2 318	194	582	664	98	1 985
All other farm production expenses	farms	3 330	492	63	247	207	45	599
	$1,000	45 028	9 481	609	3 107	2 766	749	8 649

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	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
OPERATOR CHARACTERISTICS—Con.								
Operators by days of work off farm—Con.								
Any—Con.								
150 to 199 days 1987	2	4	6	23	9	4	1	7
1982	1	3	9	5	4	3	2	3
200 days or more 1987	11	16	25	45	30	18	6	21
1982	9	15	27	21	37	12	10	22
Not reported 1987	7	9	16	22	17	5	5	5
1982	8	10	23	49	29	14	11	16
1987 operators by years on present farm:								
2 years or less	6	8	8	32	8	4	5	11
3 or 4 years	4	7	25	50	18	8	6	7
5 to 9 years	13	18	36	73	42	24	22	25
10 years or more	51	73	169	249	169	99	57	103
Average years on present farm	19.7	18.3	20.7	16.6	20.4	21.8	19.0	21.2
Not reported	8	19	38	45	33	16	15	25
1987 operators by age group:								
Under 25 years	-	4	3	4	-	1	-	-
25 to 34 years	14	12	27	81	36	21	10	24
35 to 44 years	24	32	74	129	58	34	32	27
45 to 54 years	18	36	77	111	69	32	21	41
55 to 64 years	19	31	44	81	59	37	20	48
65 years and over	7	10	51	43	48	26	22	31
Average age	47.9	48.3	50.3	46.7	50.8	50.2	51.0	52.6
TYPE OF ORGANIZATION								
Individual or family (sole proprietorship) farms, 1987	72	104	231	386	213	124	74	134
1982	74	125	268	416	256	142	88	167
acres, 1987	22 061	27 221	58 571	116 682	74 928	34 044	16 098	37 500
1982	23 922	32 239	74 564	127 165	95 776	42 669	22 297	43 740
Partnership farms, 1987	4	14	37	48	33	24	18	22
1982	12	13	39	55	36	18	20	17
acres, 1987	(D)	5 199	13 349	19 042	(D)	7 418	6 487	6 471
1982	(D)	(D)	14 570	24 509	20 802	(D)	(D)	9 065
Corporation:								
Family held farms, 1987	6	5	5	11	21	2	7	11
1982	3	6	5	7	13	3	9	9
acres, 1987	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4 112
1982	(D)	(D)	(D)	4 522	(D)	(D)	(D)	(D)
Other than family held farms, 1987	-	2	-	2	1	1	2	2
1982	-	1	-	3	-	-	2	1
acres, 1987	-	(D)	-	(D)	(D)	(D)	(D)	(D)
1982	-	(D)	-	600	-	-	(D)	(D)
Other—cooperative, estate or trust, institutional, etc. farms, 1987	-	-	3	2	2	-	4	2
1982	-	-	1	-	1	-	1	-
acres, 1987	-	-	(D)	(D)	(D)	-	2 641	(D)
1982	-	-	(D)	-	(D)	-	(D)	-
1987 FARM PRODUCTION EXPENSES[1]								
Total farm production expenses farms	83	124	276	490	274	153	107	175
$1,000	6 021	8 909	16 795	38 453	18 370	11 457	9 954	9 423
Livestock and poultry purchased farms	41	45	84	262	114	27	56	95
$1,000	478	870	548	2 221	913	288	465	576
Feed for livestock and poultry farms	71	105	232	482	223	120	83	159
$1,000	1 427	2 972	5 140	14 267	5 641	3 589	2 647	2 693
Commercially mixed formula feeds farms	63	103	219	469	219	120	74	135
$1,000	1 159	2 345	3 876	11 604	4 439	2 903	1 435	2 077
Seeds, bulbs, plants, and trees farms	57	81	175	181	199	94	69	139
$1,000	107	(D)	188	252	280	147	158	95
Commercial fertilizer farms	60	93	201	350	202	120	84	139
$1,000	166	305	438	1 179	657	284	358	375
Agricultural chemicals farms	53	61	164	111	170	87	59	101
$1,000	75	(D)	129	132	243	(D)	193	96
Petroleum products farms	83	114	276	477	269	140	106	175
$1,000	314	291	810	1 160	766	393	434	432
Electricity farms	77	98	272	477	261	144	100	161
$1,000	228	356	736	1 345	681	514	275	374
Hired farm labor farms	54	72	193	366	174	111	71	106
$1,000	788	944	1 651	3 474	2 030	1 720	1 811	999
Contract labor farms	6	16	35	77	21	17	16	15
$1,000	14	12	119	153	40	(D)	117	54
Repair and maintenance farms	80	106	266	461	249	144	93	144
$1,000	597	508	1 314	2 508	1 323	846	651	631
Customwork, machine hire, and rental of machinery and equipment farms	38	23	87	192	80	59	39	67
$1,000	(D)	54	119	347	131	117	130	109
Interest farms	55	82	213	392	193	119	58	130
$1,000	(D)	526	1 349	3 413	1 409	950	652	831
Cash rent farms	50	73	146	220	144	70	50	89
$1,000	(D)	224	293	623	445	205	125	122
Property taxes farms	76	109	271	434	251	143	103	161
$1,000	282	290	787	1 032	870	426	396	462
All other farm production expenses farms	80	124	276	490	273	153	106	175
$1,000	818	1 418	3 175	6 347	2 943	1 852	1 541	1 574

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	Vermont	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin
MACHINERY AND EQUIPMENT[1]							
Estimated market value of all machinery and equipment ..... farms, 1987	3 336	492	63	248	207	45	599
1982	3 536	500	78	247	265	45	637
$1,000, 1987	227 916	44 840	4 025	18 371	12 858	2 859	43 006
1982	233 492	43 745	5 130	13 341	15 865	3 750	44 927
Average per farm ..... dollars, 1987	68 320	91 139	63 892	74 078	62 118	63 531	71 796
1982	66 033	87 490	65 763	54 010	59 869	83 337	70 529
Motortrucks, including pickups ..... farms, 1987	2 959	427	46	225	193	41	507
1982	3 042	440	70	213	223	40	524
number, 1987	4 970	709	88	392	297	77	676
1982	4 956	652	137	350	417	84	723
Wheel tractors ..... farms, 1987	3 166	464	63	230	190	42	569
1982	3 403	490	78	225	252	45	622
number, 1987	11 029	2 038	208	745	664	170	1 947
1982	11 458	2 115	268	669	878	146	2 102
Grain and bean combines[2] ..... farms, 1987	92	35	2	3	6	1	9
1982	69	31	-	4	4	3	7
number, 1987	103	(D)	(D)	4	7	(D)	10
1982	(D)	(D)	-	4	4	3	7
LIVESTOCK AND POULTRY							
Cattle and calves inventory ..... farms, 1987	2 865	430	47	220	159	39	568
1982	3 306	479	64	228	229	42	615
number, 1987	302 632	61 774	4 373	18 295	17 248	4 072	63 937
1982	331 254	63 571	6 123	19 549	23 810	4 067	65 535
Cows and heifers that had calved ..... farms, 1987	2 723	409	45	206	147	37	544
1982	3 195	470	62	224	214	41	596
number, 1987	182 024	33 944	2 459	10 903	9 804	2 452	42 252
1982	192 163	35 222	3 431	10 961	13 548	2 403	40 484
Beef cows ..... farms, 1987	336	49	9	22	23	7	43
1982	349	52	16	16	27	4	45
number, 1987	4 012	572	124	210	264	(D)	261
1982	3 148	392	148	116	407	124	294
Milk cows ..... farms, 1987	2 594	387	40	198	138	32	535
1982	3 116	460	55	222	202	37	593
number, 1987	178 012	33 372	2 335	10 693	9 540	(D)	41 991
1982	189 015	34 830	3 283	10 845	13 141	2 279	40 190
Heifers and heifer calves ..... farms, 1987	2 584	396	44	207	144	35	480
number, 1987	106 019	23 788	1 766	6 815	6 183	1 538	18 117
Steers, steer calves, bulls, and bull calves ..... farms, 1987	1 387	216	21	102	83	22	289
number, 1987	14 589	4 042	148	577	1 261	82	3 568
Cattle and calves sold ..... farms, 1987	2 916	438	49	222	163	39	573
1982	3 346	483	66	230	234	44	624
number, 1987	163 237	31 432	2 351	10 394	9 052	2 029	40 945
1982	148 409	26 738	2 622	8 117	10 614	1 683	35 822
Calves ..... farms, 1987	2 592	388	42	194	139	33	530
number, 1987	105 719	20 915	1 257	6 168	5 623	1 160	30 203
Cattle ..... farms, 1987	2 666	404	46	200	149	37	518
1982	3 045	444	64	201	213	41	557
number, 1987	57 518	10 517	1 094	4 226	3 429	869	10 742
1982	48 352	8 555	863	3 171	3 406	(D)	9 378
Fattened on grain and concentrates ..... farms, 1987	140	13	6	9	14	1	24
number, 1987	3 728	318	106	142	361	(D)	1 036
Hogs and pigs inventory ..... farms, 1987	165	20	4	13	12	-	13
1982	311	51	11	22	14	2	41
number, 1987	3 893	149	24	44	(D)	-	575
1982	2 299	260	70	120	90	(D)	151
Used or to be used for breeding ..... farms, 1987	78	8	3	2	5	-	7
1982	86	18	2	4	2	-	5
number, 1987	739	48	(D)	(D)	84	-	75
1982	548	65	(D)	19	(D)	-	8
Other ..... farms, 1987	140	19	2	12	12	-	12
1982	293	49	11	21	13	2	40
number, 1987	3 154	101	(D)	(D)	(D)	-	500
1982	1 751	195	(D)	101	(D)	(D)	143
Hogs and pigs sold ..... farms, 1987	85	7	3	6	7	-	6
1982	126	20	5	6	5	-	7
number, 1987	5 669	516	(D)	32	(D)	-	538
1982	4 390	415	259	(D)	63	-	59
Feeder pigs ..... farms, 1987	28	4	2	1	1	-	2
1982	50	7	2	2	1	-	1
number, 1987	2 526	279	(D)	(D)	(D)	-	(D)
1982	3 061	203	(D)	(D)	(D)	-	(D)
Sheep and lambs inventory ..... farms, 1987	153	23	5	14	9	-	16
1982	121	9	6	9	10	1	11
number, 1987	9 125	2 447	62	580	431	-	360
1982	4 253	489	(D)	366	40	(D)	55
Sheep and lambs sold ..... farms, 1987	114	16	4	14	7	-	6
1982	81	8	4	9	1	1	4
number, 1987	9 988	4 018	38	297	(D)	-	217
1982	3 129	(D)	(D)	177	(D)	(D)	27
Hens and pullets of laying age inventory ..... farms, 1987	224	30	1	22	10	-	22
1982	322	35	6	29	22	4	32
number, 1987	348 439	(D)	(D)	(D)	(D)	-	(D)
1982	445 771	(D)	506	(D)	(D)	77	(D)
Broilers and other meat-type chickens sold ..... farms, 1987	9	-	-	-	-	-	-
1982	15	-	-	1	-	-	3
number, 1987	2 635	-	-	-	-	-	-
1982	(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	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
MACHINERY AND EQUIPMENT[1]								
Estimated market value of all machinery and equipment ---- farms, 1987	83	124	276	490	274	153	107	175
1982	89	145	313	481	306	144	92	194
$1,000, 1987	5 118	6 727	18 422	25 975	17 930	9 281	8 743	9 761
1982	5 549	9 053	18 218	27 205	18 411	10 095	6 927	11 276
Average per farm ---- dollars, 1987	61 658	54 250	66 747	53 010	65 437	60 658	81 713	55 776
1982	62 353	62 436	58 206	56 559	60 166	70 104	75 289	58 126
Motortrucks, including pickups ---- farms, 1987	76	113	260	439	251	119	101	161
1982	66	122	277	390	278	135	85	179
number, 1987	106	186	507	730	437	181	252	332
1982	90	189	481	563	464	219	224	363
Wheel tractors ---- farms, 1987	79	107	258	472	272	144	106	170
1982	87	135	306	462	283	141	87	190
number, 1987	279	338	800	1 512	953	468	365	542
1982	300	423	958	1 425	870	446	309	549
Grain and bean combines[2] ---- farms, 1987	3	1	1	18	8	2	1	2
1982	7	1	-	6	5	-	1	-
number, 1987	(D)	(D)	(D)	18	8	(D)	(D)	(D)
1982	8	(D)	-	7	5	-	(D)	-
LIVESTOCK AND POULTRY								
Cattle and calves inventory ---- farms, 1987	63	108	249	420	226	122	73	141
1982	76	134	292	458	281	145	93	170
number, 1987	6 635	10 561	20 468	42 561	22 048	11 792	7 826	11 042
1982	7 590	12 054	24 293	43 255	25 987	12 994	9 106	13 320
Cows and heifers that had calved ---- farms, 1987	54	100	234	414	212	121	64	136
1982	72	129	282	447	269	141	88	160
number, 1987	3 760	6 667	11 859	27 837	12 532	6 809	4 621	6 125
1982	4 129	7 679	13 391	27 197	14 104	7 155	5 200	7 259
Beef cows ---- farms, 1987	9	13	28	35	30	21	9	38
1982	12	7	32	33	45	15	22	23
number, 1987	(D)	108	145	248	742	399	181	533
1982	233	40	226	195	593	96	134	150
Milk cows ---- farms, 1987	54	97	226	408	199	111	58	111
1982	67	128	278	444	261	138	77	154
number, 1987	(D)	6 559	11 714	27 589	11 790	6 410	4 440	5 592
1982	3 896	7 639	13 165	27 002	13 511	7 059	5 066	7 109
Heifers and heifer calves ---- farms, 1987	57	87	232	383	208	115	67	129
number, 1987	2 417	3 209	8 051	13 862	8 417	4 644	3 091	4 121
Steers, steer calves, bulls, and bull calves ---- farms, 1987	35	53	107	183	111	56	35	74
number, 1987	458	685	558	862	1 099	339	114	796
Cattle and calves sold ---- farms, 1987	62	109	247	434	236	127	72	145
1982	77	137	295	462	282	147	92	173
number, 1987	3 398	6 542	9 547	20 485	11 167	5 946	4 494	5 455
1982	3 061	6 760	9 524	19 042	9 920	5 012	4 171	5 323
Calves ---- farms, 1987	53	92	236	394	199	114	62	116
number, 1987	2 099	3 924	5 368	13 783	6 678	3 536	2 205	2 800
Cattle ---- farms, 1987	58	96	232	390	213	120	66	137
1982	73	125	282	423	245	136	88	153
number, 1987	1 299	2 618	4 179	6 702	4 489	2 410	2 289	2 655
1982	(D)	2 023	3 514	6 294	3 725	1 826	1 791	2 018
Fattened on grain and concentrates ---- farms, 1987	3	7	11	14	11	7	3	17
number, 1987	(D)	577	189	266	233	115	52	275
Hogs and pigs inventory ---- farms, 1987	3	5	23	18	15	12	7	20
1982	10	14	25	31	35	12	16	27
number, 1987	4	(D)	131	65	896	106	519	714
1982	(D)	59	107	191	581	222	71	290
Used or to be used for breeding ---- farms, 1987	1	1	14	8	8	9	4	8
1982	3	8	5	6	7	5	9	12
number, 1987	(D)	(D)	51	27	149	62	(D)	128
1982	(D)	23	23	24	139	26	17	154
Other ---- farms, 1987	2	5	18	12	15	5	7	19
1982	10	13	24	29	34	10	11	26
number, 1987	(D)	51	80	38	747	44	(D)	586
1982	53	36	84	167	442	196	54	136
Hogs and pigs sold ---- farms, 1987	1	2	10	8	10	10	4	11
1982	7	8	12	9	10	7	12	18
number, 1987	(D)	(D)	326	245	1 279	175	902	1 015
1982	182	215	85	189	728	360	(D)	1 446
Feeder pigs ---- farms, 1987	1	1	1	2	2	3	3	5
1982	1	4	3	4	5	4	7	9
number, 1987	(D)	(D)	(D)	(D)	(D)	(D)	692	205
1982	(D)	(D)	30	140	501	321	(D)	1 220
Sheep and lambs inventory ---- farms, 1987	5	4	22	17	7	6	7	18
1982	3	7	16	9	12	9	3	16
number, 1987	22	(D)	1 108	122	134	(D)	1 524	1 290
1982	(D)	477	416	(D)	353	405	(D)	748
Sheep and lambs sold ---- farms, 1987	2	4	18	10	6	5	8	14
1982	1	5	11	5	7	8	3	14
number, 1987	(D)	(D)	946	234	34	(D)	627	1 987
1982	(D)	449	304	(D)	266	225	(D)	632
Hens and pullets of laying age inventory ---- farms, 1987	1	6	22	38	20	21	11	20
1982	10	13	39	41	34	14	19	24
number, 1987	(D)	(D)	(D)	(D)	6 281	(D)	(D)	570
1982	(D)	(D)	(D)	(D)	(D)	(D)	15 255	(D)
Broilers and other meat-type chickens sold ---- farms, 1987	-	-	-	2	2	2	-	3
1982	-	4	1	-	3	2	-	1
number, 1987	-	-	-	(D)	(D)	(D)	-	850
1982	-	(D)	(D)	-	(D)	(D)	-	(D)

See footnotes at end of table.

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

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

Item	Vermont	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin
CROPS HARVESTED							
Corn for grain or seed ---- farms, 1987	196	78	9	2	11	1	24
1982	235	82	9	7	27	3	30
acres, 1987	11 072	4 627	361	(D)	(D)	(D)	(D)
1982	12 168	(D)	169	(D)	1 848	(D)	1 922
bushels, 1987	1 022 926	420 859	33 440	(D)	(D)	(D)	(D)
1982	1 151 984	(D)	17 788	(D)	170 028	(D)	200 461
Corn for silage or green chop ---- farms, 1987	1 412	279	29	84	75	17	289
1982	1 824	373	49	87	123	22	336
acres, 1987	69 371	14 608	1 486	(D)	4 606	1 021	14 852
1982	84 608	22 765	2 363	3 119	6 902	(D)	14 557
tons, green, 1987	1 142 703	218 678	22 240	(D)	76 886	19 206	261 190
1982	1 216 103	281 684	40 681	51 696	93 873	(D)	212 872
Oats for grain ---- farms, 1987	37	10	2	2	3	-	6
1982	81	18	1	6	6	3	22
acres, 1987	612	244	(D)	(D)	(D)	-	(D)
1982	1 405	522	(D)	(D)	92	(D)	(D)
bushels, 1987	27 655	8 518	(D)	(D)	(D)	-	(D)
1982	64 891	22 758	(D)	(D)	4 631	(D)	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ---- farms, 1987	2 825	430	51	219	177	38	525
1982	3 255	476	66	224	230	45	586
acres, 1987	373 807	94 614	4 585	25 040	25 239	5 296	62 089
1982	402 875	91 997	6 458	24 037	30 677	5 010	63 535
tons, dry, 1987	783 659	192 847	11 105	46 589	49 516	10 152	143 690
1982	796 173	172 372	14 413	45 138	64 059	10 470	136 030
Vegetables harvested for sale (see text) ---- farms, 1987	126	14	4	6	15	-	4
1982	96	7	6	5	11	1	10
acres, 1987	1 780	94	80	36	476	-	65
1982	1 366	45	76	27	416	(D)	47
Land in orchards ---- farms, 1987	82	23	3	3	4	-	2
1982	90	26	4	1	9	-	1
acres, 1987	4 062	2 059	(D)	5	115	-	(D)
1982	4 388	2 065	441	(D)	140	-	(D)

Item	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
CROPS HARVESTED								
Corn for grain or seed ---- farms, 1987	10	12	9	3	21	2	4	10
1982	15	7	11	7	22	-	7	8
acres, 1987	501	454	305	115	1 443	(D)	(D)	(D)
1982	(D)	382	(D)	(D)	994	-	457	355
bushels, 1987	49 150	41 814	28 586	(D)	110 606	(D)	(D)	(D)
1982	(D)	47 374	(D)	(D)	91 188	-	49 110	35 975
Corn for silage or green chop ---- farms, 1987	42	46	124	88	153	56	42	88
1982	55	61	174	98	214	80	53	99
acres, 1987	2 194	2 199	3 780	(D)	6 990	2 459	2 503	3 184
1982	2 431	(D)	4 932	5 828	8 591	2 951	3 267	3 240
tons, green, 1987	33 651	40 039	64 569	(D)	101 921	45 256	49 920	47 350
1982	35 153	(D)	81 710	87 191	120 348	48 373	51 593	50 153
Oats for grain ---- farms, 1987	4	1	-	6	2	1	-	-
1982	9	-	-	6	6	4	-	-
acres, 1987	(D)	(D)	-	68	(D)	(D)	-	-
1982	143	-	-	(D)	82	(D)	-	-
bushels, 1987	(D)	(D)	-	2 970	(D)	(D)	-	-
1982	8 561	-	-	(D)	3 226	(D)	-	-
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ---- farms, 1987	69	96	246	393	233	132	72	144
1982	77	129	287	449	278	150	93	165
acres, 1987	12 173	10 667	22 149	47 669	28 559	14 098	7 662	13 967
1982	14 801	13 439	26 597	53 736	32 239	14 881	9 016	16 452
tons, dry, 1987	27 519	22 859	46 239	100 579	57 035	32 841	16 523	26 165
1982	26 587	26 770	53 682	103 338	63 285	29 914	19 159	30 956
Vegetables harvested for sale (see text) ---- farms, 1987	4	3	15	5	16	15	13	12
1982	5	4	6	1	10	6	12	12
acres, 1987	(D)	(D)	163	27	163	130	309	125
1982	(D)	(D)	44	(D)	140	72	279	124
Land in orchards ---- farms, 1987	6	-	4	6	6	6	14	5
1982	4	-	7	2	12	3	12	9
acres, 1987	222	-	77	(D)	157	(D)	806	153
1982	208	-	89	(D)	420	(D)	732	249

[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								
Vermont 1987	86	714	32	332	19	45 691	37	132
1982	147	626	54	299	18	12 216	(NA)	46

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

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

Geographic area	Inventory		Sales					
			Angora goats		Mohair			
	Farms	Number	Farms	Number	Farms	Pounds	Farms	Total sales ($1,000)
STATE TOTAL								
Vermont 1987	13	44	5	14	4	222	8	2
1982	5	75	2	(D)	4	(D)	(NA)	(D)

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

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

Geographic area	Inventory		Sales		
	Farms	Number	Farms	Number	Sales ($1,000)
STATE TOTAL					
Vermont 1987	7	2 480	10	5 211	181
1982	3	(D)	3	(D)	(D)

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								
Vermont 1987	219	6 976	17	516	95	294 417	102	258
1982	255	6 529	12	743	60	330 988	(NA)	357
COUNTIES, 1987								
Addison	25	3 492	3	(D)	20	104 743	21	75
Bennington	8	69	2	(D)	5	(D)	5	(D)
Caledonia	11	73	-	-	3	(D)	3	(D)
Chittenden	26	225	3	11	14	6 915	15	8
Franklin	14	(D)	-	-	5	(D)	5	(D)
Lamoille	7	31	-	-	5	200	5	(Z)
Orange	18	26	1	(D)	5	152	6	(Z)
Orleans	8	(D)	-	-	3	(D)	3	(D)
Rutland	22	1 498	1	(D)	8	(D)	8	(D)
Washington	26	132	2	(D)	11	(D)	12	(D)
Windham	12	32	-	-	2	(D)	2	(D)
Windsor	34	123	4	(D)	11	2 650	14	4
All other counties	8	488	1	20	3	29 430	3	28

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

[Not published for this State]

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

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

Geographic area		Inventory		Sales	
		Farms	Number	Farms	Number
DUCKS					
State Total					
Vermont	1987	151	2 618	16	(D)
	1982	229	1 623	22	344
GEESE					
State Total					
Vermont	1987	98	1 930	16	(D)
	1982	148	765	18	141
PIGEONS OR SQUAB					
State Total					
Vermont	1987	5	387	1	(D)
	1982	7	174	1	(D)
PHEASANTS					
State Total					
Vermont	1987	10	1 980	4	(D)
	1982	7	120	2	(D)
QUAIL					
State Total					
Vermont	1987	6	3 765	1	(D)
	1982	2	(D)	1	(D)
OTHER POULTRY					
State Total					
Vermont	1987	10	101	2	(D)
	1982	19	390	4	(D)

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						
Vermont	1987	59	142	6	9	6
	1982	32	63	7	11	3
GOATS, TOTAL						
State Total						
Vermont	1987	147	971	41	427	(NA)
	1982	170	795	63	362	(NA)
Counties, 1987						
Addison		9	38	5	36	(NA)
Bennington		9	34	1	(D)	(NA)
Caledonia		12	109	3	(D)	(NA)
Chittenden		6	9	1	(D)	(NA)
Franklin		10	99	1	(D)	(NA)
Lamoille		3	16	1	(D)	(NA)
Orange		24	94	4	34	(NA)
Orleans		11	26	1	(D)	(NA)
Rutland		15	128	2	(D)	(NA)
Washington		9	28	2	(D)	(NA)
Windham		10	119	5	71	(NA)
Windsor		25	212	13	124	(NA)
All other counties		4	59	2	51	(NA)

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

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

Geographic area		Inventory		Sales		
		Farms	Number	Farms	Number	Sales ($1,000)
GOATS, EXCEPT ANGORA AND MILK						
State Total						
Vermont	1987	74	213	10	81	2
	1982	32	94	11	(D)	(D)
RABBITS AND THEIR PELTS						
State Total						
Vermont	1987	119	4 203	31	8 994	(D)
	1982	86	8 115	43	27 489	258

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

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

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
CORN FOR GRAIN OR SEED (BUSHELS)										
State Total										
Vermont	210	11 191	1 031 941	4	68	261	12 428	1 173 189	4	102
Counties										
Addison	83	4 690	425 189	-	-	84	4 358	376 025	1	(D)
Bennington	12	369	34 365	-	-	20	246	23 567	-	-
Caledonia	3	(D)	(D)	-	-	8	193	16 550	-	-
Chittenden	12	762	70 084	-	-	27	1 848	170 028	-	-
Franklin	26	1 427	141 542	1	(D)	30	1 922	200 461	-	-
Grand Isle	10	501	49 150	1	(D)	16	626	56 950	2	(D)
Lamoille	12	454	41 814	-	-	7	382	47 374	-	-
Orange	9	305	28 586	-	-	13	554	57 314	1	(D)
Orleans	3	115	(D)	-	-	8	300	30 000	-	-
Rutland	21	1 443	110 606	-	-	25	1 026	93 959	-	-
Windham	5	446	50 325	-	-	7	457	49 110	-	-
Windsor	11	533	57 240	2	(D)	11	368	37 095	-	-
All other counties	3	(D)	10 070	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
WHEAT FOR GRAIN (BUSHELS)										
State Total										
Vermont	18	399	15 114	-	-	19	424	10 366	-	-
Counties										
Addison	10	224	6 949	-	-	10	293	6 714	-	-
All other counties	8	175	8 165	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
BARLEY FOR GRAIN (BUSHELS)										
State Total										
Vermont	37	1 149	55 252	-	-	45	1 352	65 971	-	-
Counties										
Addison	19	546	22 738	-	-	23	654	28 925	-	-
Franklin	4	136	2 873	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Orleans	5	251	16 180	-	-	8	293	17 350	-	-
All other counties	9	216	13 461	-	-	(NA)	(NA)	(NA)	(NA)	(NA)

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

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

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
OATS FOR GRAIN (BUSHELS)										
State Total										
Vermont	42	646	28 475	2	(D)	98	1 549	70 621	-	-
Counties										
Addison	10	244	8 518	-	-	21	530	23 249	-	-
Bennington	4	27	1 310	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Chittenden	3	(D)	(D)	-	-	9	132	5 181	-	-
Franklin	7	78	5 020	-	-	24	362	17 839	-	-
Grand Isle	5	45	1 550	2	(D)	9	143	8 561	-	-
Orleans	6	68	2 970	-	-	7	(D)	(D)	-	-
Rutland	3	101	(D)	-	-	10	111	4 116	-	-
All other counties	4	(D)	1 612	-	-	(NA)	(NA)	(NA)	(NA)	(NA)

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

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

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
IRISH POTATOES (CWT)										
State Total										
Vermont	57	162	36 988	1	(D)	95	305	76 037	8	(D)
Counties										
Addison	6	4	526	-	-	10	5	686	1	(D)
Caledonia	4	10	2 100	-	-	3	(D)	(D)	-	-
Essex	4	(D)	(D)	-	-	5	(D)	(D)	2	(D)
Franklin	5	9	749	-	-	4	5	(D)	1	(D)
Lamoille	3	(D)	(D)	-	-	3	(D)	(D)	-	-
Orange	7	(D)	(D)	-	-	15	33	(D)	-	-
Orleans	5	6	1 584	-	-	6	4	(D)	-	-
Rutland	5	5	835	1	(D)	6	13	3 620	3	(D)
Windham	3	(D)	100	-	-	10	7	1 273	-	-
Windsor	11	7	738	-	-	15	11	1 590	-	-
All other counties	4	8	625	-	-	(NA)	(NA)	(NA)	(NA)	(NA)

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

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

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
HAY—ALFALFA, OTHER TAME, SMALL GRAIN, WILD, GRASS SILAGE, GREEN CHOP, ETC. (SEE TEXT) (TONS, DRY)										
State Total										
Vermont	4 640	432 881	869 548	13	371	5 195	467 603	886 084	13	376
Counties										
Addison	581	100 418	201 897	2	(D)	624	98 033	180 714	-	-
Bennington	108	6 605	14 785	-	-	138	9 011	18 466	-	-
Caledonia	380	30 288	53 884	-	-	404	30 725	54 262	-	-
Chittenden	316	30 689	56 362	-	-	404	36 692	72 150	3	(D)
Essex	69	6 349	11 634	-	-	82	6 104	12 119	-	-
Franklin	658	66 172	149 858	6	230	697	66 665	140 952	2	(D)
Grand Isle	103	13 809	29 492	1	(D)	113	16 484	28 961	2	(D)
Lamoille	156	12 345	25 371	-	-	193	15 094	29 056	1	(D)
Orange	460	28 712	56 243	1	(D)	506	33 623	63 640	-	-
Orleans	515	52 037	107 534	1	(D)	582	58 102	109 738	3	34
Rutland	411	33 702	64 634	1	(D)	454	39 367	71 871	1	(D)
Washington	285	18 889	38 729	1	(D)	327	19 824	36 181	1	(D)
Windham	190	11 031	21 233	-	-	216	12 680	24 211	-	-
Windsor	408	21 835	37 892	-	-	455	25 199	43 763	-	-
ALFALFA HAY (TONS, DRY)										
State Total										
Vermont	1 768	101 496	249 147	6	158	1 913	106 244	249 788	4	110
Counties										
Addison	372	35 516	82 467	-	-	373	32 112	73 313	-	-
Bennington	69	(D)	8 283	-	-	76	3 780	9 675	-	-
Caledonia	102	4 015	8 940	-	-	115	4 981	10 216	-	-
Chittenden	127	7 270	15 901	-	-	134	8 204	19 989	-	-
Essex	16	(D)	(D)	-	-	12	602	970	-	-
Franklin	230	11 708	34 789	2	(D)	245	11 764	31 106	-	-
Grand Isle	75	6 766	18 016	1	(D)	77	7 943	15 727	2	(D)
Lamoille	42	1 827	5 175	-	-	58	1 867	3 953	-	-
Orange	152	4 422	10 325	1	(D)	174	5 564	14 132	-	-
Orleans	125	7 166	19 129	1	(D)	144	7 382	17 821	1	(D)
Rutland	184	10 020	22 192	1	(D)	217	12 129	28 606	1	(D)
Washington	81	2 911	8 384	-	-	93	3 399	8 447	-	-
Windham	68	1 997	(D)	-	-	69	2 002	5 800	-	-
Windsor	125	4 055	8 592	-	-	126	4 515	10 033	-	-
SMALL GRAIN HAY (TONS, DRY)										
State Total										
Vermont	180	4 204	8 631	-	-	212	4 312	7 932	3	(D)
Counties										
Addison	30	664	1 296	-	-	34	862	1 301	-	-
Bennington	5	(D)	174	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Caledonia	18	205	387	-	-	16	394	428	-	-
Chittenden	15	488	737	-	-	13	336	657	1	(D)
Franklin	35	679	1 385	-	-	51	1 092	2 601	-	-
Lamoille	6	121	337	-	-	5	98	255	-	-
Orange	17	334	984	-	-	12	152	374	-	-
Orleans	20	1 187	2 525	-	-	25	410	785	-	-
Rutland	11	157	313	-	-	16	324	449	-	-
Washington	10	148	245	-	-	18	362	669	1	(D)
Windsor	7	82	109	-	-	5	(D)	(D)	-	-
All other counties	6	(D)	139	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
TAME HAY OTHER THAN ALFALFA, SMALL GRAIN, AND WILD HAY (SEE TEXT) (TONS, DRY)										
State Total										
Vermont	3 115	184 780	365 497	8	158	3 807	226 789	423 931	6	151

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

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

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
TAME HAY OTHER THAN ALFALFA, SMALL GRAIN, AND WILD HAY (SEE TEXT) (TONS, DRY)—Con.										
Counties										
Addison	274	18 720	38 835	1	(D)	364	26 127	46 239	-	-
Bennington	58	2 517	4 402	-	-	82	3 481	6 097	-	-
Caledonia	297	17 694	31 883	-	-	315	18 895	33 351	-	-
Chittenden	213	14 125	24 363	-	-	295	18 177	35 081	2	(D)
Essex	55	3 442	6 289	-	-	68	4 062	8 664	-	-
Franklin	476	34 215	78 744	4	100	535	37 318	79 224	2	(D)
Grand Isle	57	3 368	6 267	-	-	55	3 813	7 732	-	-
Lamoille	120	6 177	12 487	-	-	151	9 520	18 283	-	-
Orange	309	15 062	30 579	1	(D)	408	20 700	37 665	-	-
Orleans	372	26 607	52 345	1	(D)	474	33 898	65 696	2	(D)
Rutland	268	13 403	23 848	-	-	301	16 183	27 106	-	-
Washington	196	10 787	22 000	1	(D)	239	11 757	20 568	-	-
Windham	132	6 545	12 179	-	-	175	7 695	13 238	-	-
Windsor	288	12 118	21 276	-	-	345	15 163	24 987	-	-
WILD HAY (TONS, DRY)										
State Total										
Vermont	570	18 023	23 091	2	(D)	521	17 819	23 607	2	(D)
Counties										
Addison	47	2 355	3 409	-	-	38	1 470	2 386	-	-
Bennington	20	396	318	-	-	17	(D)	(D)	-	-
Caledonia	51	1 694	2 269	-	-	48	1 714	2 169	-	-
Chittenden	33	1 036	1 321	-	-	33	1 034	1 250	-	-
Franklin	43	1 109	1 848	-	-	47	2 046	4 164	-	-
Lamoille	25	647	871	-	-	20	611	788	1	(D)
Orange	87	2 681	3 966	-	-	50	1 467	1 382	-	-
Orleans	47	1 454	1 813	1	(D)	47	1 474	2 637	-	-
Rutland	62	1 554	1 454	-	-	53	2 134	2 424	-	-
Washington	53	1 772	2 049	-	-	45	1 078	886	-	-
Windham	26	578	478	-	-	34	933	1 487	-	-
Windsor	68	2 346	2 780	-	-	73	2 024	2 256	-	-
All other counties	8	401	515	1	7	(NA)	(NA)	(NA)	(NA)	(NA)
GRASS SILAGE, HAYLAGE, AND GREEN CHOP HAY (TONS, GREEN)										
State Total										
Vermont	1 303	124 378	669 577	2	(D)	1 400	112 439	542 472	-	-
Counties										
Addison	281	43 163	227 691	1	(D)	305	37 462	172 431	-	-
Bennington	19	887	4 826	-	-	31	1 403	6 708	-	-
Caledonia	95	6 680	31 206	-	-	78	4 741	24 303	-	-
Chittenden	74	7 770	42 122	-	-	108	8 941	45 520	-	-
Essex	21	1 785	9 567	-	-	23	1 276	6 586	-	-
Franklin	227	18 461	99 282	1	(D)	225	14 445	71 563	-	-
Grand Isle	34	3 294	14 028	-	-	32	3 223	12 530	-	-
Lamoille	44	3 573	19 503	-	-	52	2 998	17 330	-	-
Orange	103	6 213	31 170	-	-	113	5 740	30 270	-	-
Orleans	152	15 623	95 169	-	-	155	14 938	68 384	-	-
Rutland	112	8 568	50 481	-	-	117	8 597	39 861	-	-
Washington	50	3 271	18 157	-	-	52	3 228	16 826	-	-
Windham	31	1 856	10 972	-	-	35	2 000	10 824	-	-
Windsor	60	3 234	15 403	-	-	74	3 447	19 336	-	-
CORN FOR SILAGE OR GREEN CHOP (TONS, GREEN)										
State Total										
Vermont	1 481	70 258	1 154 813	9	290	1 949	86 701	1 242 312	7	281
Counties										
Addison	290	14 734	220 402	-	-	393	23 130	285 342	-	-
Bennington	33	1 509	22 495	-	-	56	2 410	41 338	-	-
Caledonia	85	3 046	52 848	1	(D)	91	3 140	52 018	-	-
Chittenden	78	4 626	77 036	-	-	128	7 163	97 404	-	-
Essex	17	1 021	19 206	-	-	23	(D)	20 063	-	-
Franklin	296	14 968	262 180	6	192	344	14 716	215 333	1	(D)
Grand Isle	48	2 263	34 727	2	(D)	58	2 463	35 487	2	(D)
Lamoille	49	2 278	41 534	-	-	62	2 579	40 882	-	-
Orange	129	3 834	65 282	-	-	188	5 100	84 733	-	-
Orleans	90	6 470	109 463	-	-	103	5 995	88 691	-	-
Rutland	167	7 235	105 398	-	-	235	8 832	123 071	2	(D)
Washington	56	2 459	45 256	-	-	86	(D)	48 847	1	(D)
Windham	46	2 544	50 340	-	-	59	3 485	54 403	-	-
Windsor	97	3 271	48 646	-	-	123	3 609	54 700	1	(D)

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

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

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
SORGHUM FOR SILAGE OR GREEN CHOP (TONS, GREEN)										
State Total										
Vermont	17	554	3 182	-	-	47	1 128	8 635	1	(D)
Counties										
Addison	4	80	520	-	-	15	534	2 787	-	-
Chittenden	3	40	340	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
Orange	3	24	200	-	-	(NA)	(NA)	(NA)	(NA)	(NA)
All other counties	7	410	2 122	-	-	(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								
Vermont	230	2 020	43	359	228	1 639	41	128
Counties								
Addison	20	118	5	32	21	65	4	5
Bennington	13	111	1	(D)	15	99	2	(D)
Caledonia	14	45	-	-	16	42	-	-
Chittenden	25	499	5	116	17	427	4	4
Essex	3	9	2	(D)	(NA)	(NA)	(NA)	(NA)
Franklin	14	87	2	(D)	19	64	4	9
Grand Isle	5	59	3	33	6	41	3	22
Lamoille	7	54	1	(D)	8	(D)	2	(D)
Orange	22	169	4	27	18	67	4	(D)
Orleans	9	37	2	(D)	9	53	3	3
Rutland	28	202	7	64	23	168	6	43
Washington	18	139	3	12	15	98	4	4
Windham	25	329	3	(D)	29	313	1	(D)
Windsor	27	164	5	31	30	171	4	10
VEGETABLES HARVESTED (SEE TEXT)								
State Total								
Vermont	230	2 038	43	365	228	1 633	41	128
Counties								
Addison	20	118	5	32	21	63	4	5
Bennington	13	110	1	(D)	15	100	2	(D)
Caledonia	14	44	-	-	16	(D)	-	-
Chittenden	25	505	5	115	17	427	4	4
Essex	3	9	2	(D)	(NA)	(NA)	(NA)	(NA)
Franklin	14	87	2	(D)	19	62	4	9
Grand Isle	5	67	3	40	6	40	3	22
Lamoille	7	54	1	(D)	8	(D)	2	(D)
Orange	22	170	4	27	18	68	4	(D)
Orleans	9	37	2	(D)	9	53	3	(D)
Rutland	28	202	7	64	23	168	6	43
Washington	18	141	3	11	15	99	4	5
Windham	25	329	3	(D)	29	310	1	(D)
Windsor	27	166	5	31	30	170	4	10
ASPARAGUS								
State Total								
Vermont	18	18	3	2	19	21	4	2
Counties								
Windham	5	6	-	-	4	7	-	-
All other counties	13	12	3	2	(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
SNAP BEANS								
State Total								
Vermont	48	33	12	8	53	42	9	4
Counties								
Addison	5	1	-	-	3	(Z)	1	(D)
Bennington	5	4	-	-	5	1	-	-
Chittenden	6	8	2	(D)	3	6	-	-
Franklin	4	1	1	(D)	3	2	-	-
Lamoille	3	3	-	-	(NA)	(NA)	(NA)	(NA)
Orange	3	(D)	2	(D)	4	1	2	(D)
Rutland	10	6	4	2	8	6	4	3
Washington	4	2	1	(D)	7	5	1	(D)
Windham	3	(D)	1	(D)	7	11	-	-
All other counties	5	1	1	(D)	(NA)	(NA)	(NA)	(NA)
BEETS								
State Total								
Vermont	28	10	7	3	31	13	6	1
Counties								
Chittenden	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Franklin	4	1	1	(D)	(NA)	(NA)	(NA)	(NA)
Rutland	6	3	3	(D)	5	2	2	(D)
Windsor	3	(D)	-	-	5	1	1	(D)
All other counties	12	2	2	(Z)	(NA)	(NA)	(NA)	(NA)
BROCCOLI								
State Total								
Vermont	52	81	16	22	51	24	10	3
Counties								
Addison	7	21	4	11	4	2	-	-
Caledonia	5	1	-	-	3	2	-	-
Chittenden	5	5	-	-	4	5	-	-
Franklin	3	(D)	1	(D)	4	1	1	(D)
Orange	8	18	3	2	6	2	2	(D)
Rutland	6	2	1	(D)	8	3	3	1
Washington	4	4	3	3	4	1	2	(D)
Windham	6	6	1	(D)	8	6	-	-
Windsor	3	1	1	(D)	4	1	1	(D)
All other counties	5	(D)	2	4	(NA)	(NA)	(NA)	(NA)
BRUSSELS SPROUTS								
State Total								
Vermont	6	2	1	(D)	4	1	3	1
HEAD CABBAGE								
State Total								
Vermont	36	43	11	18	33	42	4	1
Counties								
Addison	5	7	4	7	3	11	-	-
Caledonia	3	1	-	-	(NA)	(NA)	(NA)	(NA)
Chittenden	4	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)
Orange	3	5	-	-	(NA)	(NA)	(NA)	(NA)
Washington	3	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Windham	6	15	1	(D)	8	21	-	-
Windsor	4	2	2	(D)	(NA)	(NA)	(NA)	(NA)
All other counties	8	2	2	1	(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
CANTALOUPS								
State Total								
Vermont	26	13	9	7	27	14	7	2
Counties								
Addison	3	1	1	(D)	3	(D)	2	(D)
Bennington	3	1	-	-	(NA)	(NA)	(NA)	(NA)
Chittenden	3	(D)	1	(D)	3	(D)	-	-
Grand Isle	3	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)
Orange	4	2	2	(D)	(NA)	(NA)	(NA)	(NA)
Rutland	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Windham	4	1	1	(D)	7	5	-	-
All other counties	3	1	1	1	(NA)	(NA)	(NA)	(NA)
CARROTS								
State Total								
Vermont	33	21	6	3	45	44	4	1
Counties								
Addison	4	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Caledonia	3	1	-	-	3	(D)	-	-
Chittenden	3	1	1	(D)	(NA)	(NA)	(NA)	(NA)
Orange	5	2	1	(D)	4	1	1	(D)
Rutland	3	(D)	2	(D)	5	1	-	-
Windham	5	7	-	-	9	3	-	-
All other counties	10	2	2	(D)	(NA)	(NA)	(NA)	(NA)
CAULIFLOWER								
State Total								
Vermont	15	16	4	7	26	12	5	1
Counties								
Addison	3	(D)	2	(D)	3	1	-	-
Caledonia	3	1	-	-	3	1	-	-
Orange	3	(D)	1	(D)	3	(D)	1	(D)
All other counties	6	3	1	(D)	(NA)	(NA)	(NA)	(NA)
CUCUMBERS AND PICKLES								
State Total								
Vermont	47	37	10	15	51	46	10	3
Counties								
Addison	4	1	-	-	6	2	1	(D)
Bennington	4	1	-	-	3	(D)	-	-
Caledonia	3	(Z)	-	-	3	(D)	-	-
Chittenden	8	16	4	12	7	22	1	(D)
Grand Isle	4	2	3	(D)	(NA)	(NA)	(NA)	(NA)
Orange	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Rutland	5	4	-	-	5	6	1	(D)
Washington	3	(D)	-	-	7	8	1	(D)
Windham	3	(D)	-	-	6	2	-	-
Windsor	4	(D)	-	-	5	1	1	(D)
All other counties	6	2	2	(D)	(NA)	(NA)	(NA)	(NA)
EGGPLANT								
State Total								
Vermont	9	9	4	8	(NA)	(NA)	(NA)	(NA)
KALE								
State Total								
Vermont	6	6	-	-	(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
LETTUCE AND ROMAINE								
State Total								
Vermont	38	45	12	9	37	25	6	9
Counties								
Addison	6	5	-	-	3	1	-	-
Franklin	3	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)
Orange	5	10	3	(D)	3	(D)	1	(D)
Rutland	5	1	2	(D)	4	1	1	(D)
Washington	5	4	2	(D)	5	2	1	(D)
Windham	3	(D)	1	(D)	8	3	-	-
Windsor	3	(D)	1	(D)	5	3	1	(D)
All other counties	8	6	2	(D)	(NA)	(NA)	(NA)	(NA)
DRY ONIONS								
State Total								
Vermont	9	4	2	(D)	13	2	1	(D)
GREEN ONIONS								
State Total								
Vermont	7	2	2	(D)	11	5	1	(D)
GREEN PEAS, EXCLUDING GREEN COWPEAS								
State Total								
Vermont	41	35	5	3	48	25	7	3
Counties								
Addison	4	2	-	-	6	1	1	(D)
Caledonia	3	2	-	-	4	1	-	-
Chittenden	5	5	-	-	4	3	-	-
Franklin	4	1	1	(D)	(NA)	(NA)	(NA)	(NA)
Orange	3	(D)	-	-	4	2	2	(D)
Rutland	9	4	4	(D)	3	3	1	(D)
Washington	3	(D)	-	-	3	(D)	1	(D)
Windsor	4	5	-	-	5	2	-	-
All other counties	6	9	-	-	(NA)	(NA)	(NA)	(NA)
SWEET PEPPERS								
State Total								
Vermont	20	22	9	14	27	25	3	(Z)
Counties								
Chittenden	4	14	4	(D)	4	18	-	-
Rutland	3	1	-	-	(NA)	(NA)	(NA)	(NA)
Windham	4	3	1	(D)	4	2	-	-
Windsor	3	(D)	-	-	8	3	-	-
All other counties	6	2	4	1	(NA)	(NA)	(NA)	(NA)
PUMPKINS								
State Total								
Vermont	75	154	7	10	49	98	4	2
Counties								
Addison	8	6	-	-	3	(Z)	-	-
Bennington	5	32	-	-	6	21	1	(D)
Chittenden	9	22	2	(D)	4	7	1	(D)
Lamoille	4	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Orange	8	6	-	-	3	(D)	1	(D)
Orleans	3	(D)	-	-	(NA)	(NA)	(NA)	(NA)
Rutland	11	12	3	(D)	8	5	-	-
Washington	7	15	-	-	5	8	-	-
Windham	6	24	-	-	7	19	-	-
Windsor	11	21	1	(D)	5	30	-	-
All other counties	3	6	1	(D)	(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
SPINACH								
State Total								
Vermont	20	16	5	4	18	5	3	1
Counties								
Addison	6	5	2	(D)	(NA)	(NA)	(NA)	(NA)
Orange	6	4	1	(D)	(NA)	(NA)	(NA)	(NA)
Washington	3	(D)	2	(D)	(NA)	(NA)	(NA)	(NA)
All other counties	5	(D)	-	-	(NA)	(NA)	(NA)	(NA)
SQUASH								
State Total								
Vermont	76	153	14	36	57	92	5	5
Counties								
Addison	7	6	2	(D)	7	6	1	(D)
Caledonia	5	3	-	-	6	2	-	-
Chittenden	10	59	3	(D)	4	18	-	-
Franklin	3	4	1	(D)	(NA)	(NA)	(NA)	(NA)
Lamoille	3	3	-	-	(NA)	(NA)	(NA)	(NA)
Orange	6	6	-	-	3	1	1	(D)
Rutland	15	14	3	(D)	7	8	2	(D)
Washington	3	(D)	-	-	4	2	-	-
Windham	6	38	-	-	8	44	-	-
Windsor	13	10	1	(D)	9	6	-	-
All other counties	5	(D)	4	6	(NA)	(NA)	(NA)	(NA)
SWEET CORN								
State Total								
Vermont	152	1 140	19	117	164	956	16	53
Counties								
Addison	14	38	1	(D)	14	28	1	(D)
Bennington	10	52	-	-	14	65	-	-
Caledonia	7	33	-	-	10	18	-	-
Chittenden	17	312	1	(D)	12	292	1	(D)
Franklin	8	(D)	2	(D)	14	44	3	6
Lamoille	5	30	1	(D)	6	(D)	-	-
Orange	15	82	1	(D)	17	40	3	(D)
Orleans	9	29	1	(D)	6	(D)	-	-
Rutland	22	134	5	35	14	107	3	25
Washington	9	89	-	-	14	65	1	(D)
Windham	12	183	1	(D)	14	150	-	-
Windsor	18	89	4	18	23	97	1	(D)
All other counties	6	(D)	2	20	(NA)	(NA)	(NA)	(NA)
TOMATOES								
State Total								
Vermont	72	78	26	39	81	72	16	11
Counties								
Addison	8	4	2	(D)	10	7	2	(D)
Caledonia	4	1	-	-	3	(Z)	-	-
Chittenden	9	31	4	24	8	34	-	-
Franklin	6	5	1	(D)	7	5	2	(D)
Lamoille	3	1	1	(D)	(NA)	(NA)	(NA)	(NA)
Orange	6	4	4	2	6	1	2	(D)
Orleans	3	1	2	(D)	4	1	2	(D)
Rutland	12	5	5	3	7	2	1	(D)
Windham	6	9	2	(D)	9	3	-	-
Windsor	10	7	3	2	12	8	1	(D)
All other counties	5	9	2	4	(NA)	(NA)	(NA)	(NA)
MIXED VEGETABLES								
State Total								
Vermont	24	58	8	30	34	63	13	24
Counties								
Franklin	3	3	-	-	(NA)	(NA)	(NA)	(NA)
Orange	3	(D)	1	(D)	3	3	1	(D)
Rutland	3	6	2	(D)	5	9	3	7
Windham	4	13	1	(D)	5	20	1	(D)
Windsor	3	(D)	1	(D)	4	4	1	(D)
All other counties	8	16	3	7	(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
WATERMELONS								
State Total								
Vermont	8	8	3	(D)	3	1	1	(D)
OTHER VEGETABLES								
State Total								
Vermont	21	25	3	4	8	4	-	-

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									
Vermont 1987	221	4 797	(X)	(X)	(X)	(X)	(X)	(X)	(X)
1982	244	4 980	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Counties, 1987									
Addison	32	2 152	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Bennington	14	(D)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Caledonia	12	21	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Chittenden	21	179	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Franklin	6	39	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Grand Isle	10	233	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Orange	16	135	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Orleans	15	64	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Rutland	15	318	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Washington	21	79	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Windham	28	890	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Windsor	26	265	(X)	(X)	(X)	(X)	(X)	(X)	(X)
All other counties	5	(D)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
APPLES									
State Total									
Vermont 1987	217	4 728	395 878	168	85 860	178	310 018	121	43 729 756
1982	243	4 936	344 522	181	126 645	204	217 877	150	51 692 679
Counties, 1987									
Addison	32	2 152	241 214	26	44 518	27	196 696	27	22 680 905
Bennington	14	(D)	10 032	11	(D)	11	(D)	10	(D)
Caledonia	12	18	568	11	375	8	193	5	1 350
Chittenden	21	169	12 010	19	5 228	19	6 782	12	1 086 936
Franklin	6	38	3 350	6	(D)	4	(D)	4	153 150
Grand Isle	9	225	15 784	7	2 775	7	13 009	4	4 002 656
Orange	16	135	15 233	14	9 875	14	5 358	8	(D)
Orleans	13	38	1 542	10	1 315	8	227	4	4 400
Rutland	15	317	16 159	10	4 751	14	11 408	11	2 786 250
Washington	20	75	3 783	14	1 230	14	2 553	4	(D)
Windham	28	875	61 831	17	9 196	23	52 635	18	6 843 061
Windsor	26	262	14 127	20	3 884	24	10 243	14	(D)
All other counties	5	(D)	245	3	115	5	130	-	-
CHERRIES, TOTAL (SEE TEXT)									
State Total									
Vermont 1987	17	26	1 161	13	(D)	11	(D)	4	(D)
1982	27	8	488	17	350	18	138	11	2 623
Counties, 1987									
Caledonia	3	1	15	3	(D)	2	(D)	-	-
All other counties	14	25	1 146	10	1 058	9	88	4	1 747

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
GRAPES (SEE TEXT) (FRESH WEIGHT)									
State Total									
Vermont 1987	22	6	2 851	20	375	17	2 476	3	(D)
1982	26	7	2 559	18	786	19	1 773	8	570
Counties, 1987									
Caledonia	3	1	605	3	55	3	550	-	-
Chittenden	4	1	(D)	3	33	4	(D)	1	(D)
Grand Isle	3	1	320	3	(D)	2	(D)	-	-
Windham	5	2	(D)	5	100	2	(D)	2	(D)
All other counties	7	1	625	6	67	6	558	-	-
PEACHES									
State Total									
Vermont 1987	6	(D)	(D)	5	171	4	(D)	3	(D)
1982	14	3	149	11	(D)	4	(D)	2	(D)
PEARS									
State Total									
Vermont 1987	17	19	1 364	13	(D)	8	(D)	4	(D)
1982	25	11	648	18	281	14	367	9	42 817
Counties, 1987									
Orleans	3	(D)	(D)	3	(D)	-	-	-	-
All other counties	14	(D)	(D)	10	374	8	773	4	96 300
PLUMS AND PRUNES (SEE TEXT) (FRESH WEIGHT)									
State Total									
Vermont 1987	13	6	290	11	155	7	135	4	(D)
1982	25	8	533	17	365	14	168	8	2 075
Counties, 1987									
Orleans	3	2	(D)	3	(D)	2	(D)	2	(D)
All other counties	10	5	(D)	8	(D)	5	(D)	2	80

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

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

Geographic area	1987					1982				
	Harvested			Irrigated		Harvested			Irrigated	
	Farms	Acres	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
BERRIES										
State Total										
Vermont	130	280	(X)	48	185	133	237	(X)	51	144
Counties										
Addison	10	16	(X)	7	15	13	17	(X)	6	12
Bennington	10	17	(X)	2	(D)	6	13	(X)	-	-
Caledonia	5	4	(X)	1	(D)	5	6	(X)	-	-
Chittenden	9	58	(X)	5	44	12	30	(X)	6	19
Franklin	6	(D)	(X)	1	(D)	3	(D)	(X)	1	(D)
Lamoille	5	7	(X)	1	(D)	4	5	(X)	3	3
Orange	23	26	(X)	5	15	15	15	(X)	6	7
Orleans	3	(D)	(X)	1	(D)	8	11	(X)	2	(D)
Rutland	12	13	(X)	6	7	20	19	(X)	8	13
Washington	12	20	(X)	7	13	8	9	(X)	5	5
Windham	22	77	(X)	7	56	24	58	(X)	8	40
Windsor	8	8	(X)	2	(D)	12	(D)	(X)	4	(D)
All other counties	5	5	(X)	3	3	(NA)	(NA)	(X)	(NA)	(NA)

Table 29. **Berries 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	Quantity	Farms	Acres	Farms	Acres	Quantity	Farms	Acres
TAME BLUEBERRIES (POUNDS)										
State Total										
Vermont	26	67	94 237	11	45	16	32	74 693	4	(D)
Counties										
Bennington	3	(D)	3 600	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Chittenden	5	20	50 935	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Orange	4	3	2 100	2	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Windham	9	32	32 785	4	30	9	18	(D)	3	(D)
All other counties	5	(D)	4 817	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
RASPBERRIES (POUNDS)										
State Total										
Vermont	55	40	59 966	16	21	44	23	36 884	9	5
Counties										
Caledonia	4	(D)	(D)	1	(D)	(NA)	(NA)	(NA)	(NA)	(NA)
Chittenden	4	4	(D)	1	(D)	5	(D)	1 930	2	(D)
Orange	10	8	7 243	2	(D)	4	(D)	1 180	2	(D)
Rutland	5	1	700	1	(D)	10	3	2 066	2	(D)
Washington	10	(D)	6 140	5	2	(NA)	(NA)	(NA)	(NA)	(NA)
Windham	8	13	19 127	2	(D)	10	(D)	22 566	2	(D)
Windsor	4	(D)	1 330	1	(D)	3	(D)	(D)	-	-
All other counties	10	6	6 998	3	1	(NA)	(NA)	(NA)	(NA)	(NA)
STRAWBERRIES (POUNDS)										
State Total										
Vermont	80	167	839 582	31	120	102	177	834 112	45	120
Counties										
Addison	9	(D)	83 550	7	15	11	(D)	85 356	6	12
Bennington	7	10	40 504	-	-	5	8	(D)	-	-
Chittenden	5	34	238 500	4	30	8	21	75 552	3	(D)
Franklin	6	(D)	(D)	1	(D)	3	(D)	(D)	1	(D)
Lamoille	3	4	8 300	1	(D)	4	(D)	21 787	3	(D)
Orange	17	15	91 812	3	7	12	14	78 670	4	(D)
Rutland	6	8	54 786	5	(D)	14	16	56 162	8	(D)
Washington	4	15	24 220	2	(D)	6	7	40 150	5	5
Windham	12	27	125 850	4	(D)	15	31	206 986	7	25
Windsor	5	6	(D)	1	(D)	10	10	48 535	4	(D)
All other counties	6	14	44 250	3	13	(NA)	(NA)	(NA)	(NA)	(NA)

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

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

Geographic area	1987				1982			
	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)	Farms	Sq. ft. under glass or other protection	Acres in the open	Sales ($1,000)
NURSERY AND GREENHOUSE CROPS (SEE TEXT)								
State Total								
Vermont	197	813 387	456	4 983	174	710 901	384	2 978
Counties								
Addison	22	111 858	56	575	21	92 139	38	423
Bennington	12	53 306	24	544	11	82 309	15	269
Caledonia	14	(D)	(D)	296	8	(D)	(D)	399
Chittenden	19	119 666	84	678	24	108 478	64	404
Franklin	12	(D)	(D)	282	9	(D)	(D)	144
Lamoille	11	41 420	24	204	6	(D)	(D)	218
Orange	16	30 486	18	354	11	(D)	(D)	250
Orleans	9	42 900	49	304	13	(D)	(D)	189
Rutland	18	87 908	33	351	13	27 373	4	105
Washington	16	57 592	7	274	12	(D)	(D)	97
Windham	20	60 900	(D)	404	24	68 152	29	(D)
Windsor	21	53 688	29	455	18	39 501	17	180
All other counties	7	33 078	12	263	(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, FLORICULTURE, VEGETABLE AND FLOWER SEED CROPS, SOD, ETC., GROWN IN THE OPEN, IRRIGATED (SEE TEXT)								
State Total								
Vermont	38	(X)	127	(X)	24	(X)	62	(X)
Counties								
Addison	9	(X)	11	(X)	6	(X)	21	(X)
Bennington	5	(X)	9	(X)	3	(X)	(D)	(X)
Chittenden	4	(X)	(D)	(X)	4	(X)	7	(X)
Windham	6	(X)	12	(X)	(NA)	(X)	(NA)	(X)
Windsor	4	(X)	(D)	(X)	(NA)	(X)	(NA)	(X)
All other counties	10	(X)	23	(X)	(NA)	(X)	(NA)	(X)
BEDDING PLANTS								
State Total								
Vermont	126	559 701	45	2 592	111	505 332	2	1 672
Counties								
Addison	12	106 252	12	473	11	86 903	-	(D)
Bennington	11	33 682	3	303	9	31 968	-	94
Caledonia	6	(D)	(D)	(D)	5	60 276	-	217
Chittenden	10	63 118	(D)	195	8	96 228	(D)	244
Franklin	10	42 278	(D)	187	7	32 140	(D)	114
Lamoille	5	25 400	-	76	(NA)	(NA)	(NA)	(NA)
Orange	11	20 566	(D)	109	4	17 000	-	(D)
Orleans	4	(D)	-	109	11	35 375	(D)	115
Rutland	11	49 640	(D)	202	10	20 408	(D)	65
Washington	9	39 728	(D)	176	7	22 301	-	70
Windham	17	54 380	12	327	20	44 988	(D)	142
Windsor	16	34 727	(D)	174	13	(D)	-	110
All other counties	4	14 100	-	48	(NA)	(NA)	(NA)	(NA)
CUT FLOWERS AND CUT FLORIST GREENS								
State Total								
Vermont	25	27 595	15	120	27	65 912	6	137
FOLIAGE AND POTTED FLOWERING PLANTS, TOTAL								
State Total								
Vermont	50	107 721	(D)	517	48	103 127	14	423
Counties								
Addison	6	(D)	(D)	(D)	4	(D)	(D)	8
Bennington	5	(D)	(D)	(D)	8	(D)	(D)	(D)
Chittenden	3	(D)	(D)	75	5	(D)	3	17
Lamoille	4	6 720	-	25	(NA)	(NA)	(NA)	(NA)
Orange	3	(D)	-	5	5	26 000	(D)	106
Orleans	3	(D)	-	(D)	(NA)	(NA)	(NA)	(NA)
Rutland	7	8 042	-	40	4	(D)	(D)	16
Washington	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Windham	4	(D)	(D)	(D)	7	12 064	(D)	34
Windsor	6	12 850	(D)	50	4	(D)	4	24
All other counties	6	11 297	-	40	(NA)	(NA)	(NA)	(NA)
FOLIAGE PLANTS								
State Total								
Vermont	14	16 396	(D)	132	(NA)	(NA)	(NA)	(NA)
POTTED FLOWERING PLANTS								
State Total								
Vermont	45	91 325	4	385	(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								
Vermont	61	56 514	382	1 613	49	3 800	236	512
Counties								
Addison	8	(D)	43	91	9	(D)	37	29
Bennington	5	(D)	15	109	4	(D)	14	(D)
Caledonia	8	-	(D)	61	(NA)	(NA)	(NA)	(NA)
Chittenden	7	3 748	80	358	11	-	61	103
Franklin	3	(D)	(D)	(D)	(NA)	(NA)	(NA)	(NA)
Lamoille	4	(D)	(D)	85	(NA)	(NA)	(NA)	(NA)
Orleans	4	-	49	(D)	(NA)	(NA)	(NA)	(NA)
Rutland	5	(D)	27	69	(NA)	(NA)	(NA)	(NA)
Washington	4	(D)	4	16	(NA)	(NA)	(NA)	(NA)
Windham	4	-	(D)	(D)	6	-	27	62
Windsor	4	-	(D)	215	(NA)	(NA)	(NA)	(NA)
All other counties	5	16 628	28	440	(NA)	(NA)	(NA)	(NA)
GREENHOUSE VEGETABLES								
State Total								
Vermont	13	31 070	(X)	67	13	14 820	(X)	43
Counties								
Orange	3	5 800	(X)	8	(NA)	(NA)	(X)	(NA)
All other counties	10	25 270	(X)	59	(NA)	(NA)	(X)	(NA)

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

[Not published for this State]

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											
Vermont 1987	21	3 593	16	1 673	2 160	1	4	5	6	3	2
1982	8	1 996	6	586	423	-	-	4	3	1	-
COUNTIES, 1987											
Addison	3	556	3	227	25	-	-	-	2	-	1
Washington	3	(D)	1	(D)	(D)	-	-	1	2	-	-
Windham	5	378	5	257	14	1	4	-	-	-	-
All other counties	10	(D)	7	(D)	(D)	-	-	4	2	3	1

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									
Vermont 1987	9	(D)	590	10	1 894	1 083	2	(D)	-
1982	6	(D)	(D)	1	(D)	(D)	1	(D)	-
COUNTIES, 1987									
Windham	1	(D)	(D)	4	(D)	(D)	-	-	-
All other counties	8	1 673	587	6	1 526	829	2	16	-

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				
Vermont 1987	3	(D)	1	(D)
1982	1	(D)	-	-
AMERICAN INDIAN				
State Total				
Vermont 1987	11	2 396	5	(D)
1982	6	(D)	4	(D)
ASIAN OR PACIFIC ISLANDER				
State Total				
Vermont 1987	2	(D)	-	-
1982	1	(D)	-	-
OTHER RACES (SEE TEXT)				
State Total				
Vermont 1987	5	(D)	1	(D)
1982	-	-	-	-

[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				
Vermont 1987	24	5 479	13	4 242
1982	13	3 349	7	2 277
COUNTIES, 1987				
Franklin	4	624	1	(D)
Orleans	5	1 629	5	1 629
Washington	5	667	-	-
All other counties	10	2 559	7	(D)

[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
Vermont	**19**	**4 925**	**4**	**8**	**5**	**2**	**-**	**-**	**2**	**2**	**-**	**15**
Addison	4	1 135	-	2	1	1	-	-	-	-	-	4
Franklin	3	1 261	-	1	1	1	-	-	-	2	-	1
Orleans	4	698	1	3	-	-	-	-	-	-	-	4
All other counties	8	1 831	3	2	3	-	-	-	2	-	-	6

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

[Not applicable for this State]

APPENDIX C.
Statistical Methodology

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MAIL LIST MODEL

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

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

CENSUS SAMPLE DESIGN

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

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

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

CENSUS ESTIMATION

The 1987 Census of Agriculture used two types of statistical estimation procedures. These estimation

procedures accounted both for nonresponse to the data collection and for the sample data collection. These procedures are used because some farm operators never respond to the census despite numerous attempts to contact them, and not all farm operators are requested to provide the sample data items.

Whole Farm Nonresponse Estimation

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

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

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

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

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

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

Item	Percent of total
Farms ----------number--	13.2
Land in farms ----------acres--	9.5
Value of land and buildings ----------$1,000--	9.9
Market value of agricultural products sold --$1,000--	5.0
Harvested cropland ----------acres--	7.6
Corn for grain or seed----------acres--	3.1
Wheat for grain----------acres--	6.8
Livestock and poultry inventory:	
Cattle and calves ----------number--	6.5
Hogs and pigs----------number--	14.6
Hens and pullets of laying age ---------number--	1.1

Sample Estimation

All respondent sample records received a sample weight. The sample data estimates the actual figures that would have resulted from a complete census of the items in sections 23 through 28 of the report form. The estimates were obtained from an iterative ratio estimation procedure that resulted in the assignment of a weight to each record containing sample items. For any given county, a sample item total was estimated by multiplying the data items for each farm in the county by the corresponding sample weight and summing overall sample records in the county.

Each sample farm was assigned one sample weight to be used to produce estimates for all sample items. For example, if the weight given to a sample farm had the value 5, all sample data items reported by that farm would be multiplied by 5. The weight assigned a certainty farm was 1. The estimation procedure used to assign weights was performed for each county.

Within a county, the ratio estimation procedure for farms was performed in three steps using three variables. The first variable contained eight 1987 total value of agricultural production (TVP) groups. Both the second and third variables, Standard Industrial Classification (SIC) code and farm acreage, contained two groups. The variable groups were as follows:

TVP	SIC	Acres
$1 to $999	01 All crops	0 to 69
$1,000 to $ 2,499	02 All livestock	70 or more
$2,500 to $ 4,999		
$5,000 to $ 9,999		
$10,000 to $24,999		
$25,000 to $49,999		
$50,000 to $99,999		
$100,000 or more		

The first step in the estimation procedure was to partition the sample records into 32 mutually exclusive initial post strata formed by combining the three variable groups. This produced a three dimensional array where the cells of the array corresponded to the initial post strata groups. Each sample farm record was assigned an initial weight equal to the ratio of the total farm count to the sample farm count, expanded for nonresponse estimation, for the cell containing the sample farm. This weight was approximately equal to the inverse of the probability of selecting a farm for the census sample.

The second step in the estimation procedure was to combine, if necessary, the cells of the array (prior to the repeated ratio estimation) to increase the reliability of the ratio estimation procedure. Any cell within the array that either contained less than 10 sample farms or had a ratio of total farms to sample farms that was more than 2 times the mail sample rate was collapsed with another cell (in the same variable) according to a specified collapsing pattern. New total farm counts and sample farm counts were computed for each of the collapsed cells (final post strata) and were used in the ratio estimation procedure to calculate final sample weights.

In the third step in the ratio estimation procedure, complete counts for the three variables (TVP, SIC, acreage) were used to compute the marginals of the array defined by the final post strata. Factors were then applied to expanded sample totals in each cell of the array to obtain agreement with the row marginal (TVP) complete counts. The sample totals then had factors applied to obtain agreement with the column marginal (SIC) complete counts. Lastly, the sample totals had factors applied to obtain agreement with the depth marginal (acreage) complete counts. This procedure that requires the row totals, then the column totals, and then the depth totals to agree with the complete counts for the rows, columns, and depths, respectively, is continued iteratively until the process converges (the marginal totals agree with the complete count totals).

The ratio of the adjusted total farm count to the sample farm count obtained from the second iteration of the estimation procedure was the noninteger final post stratum sample weight assigned to the sample farm records in that post stratum. The noninteger sample weight, the product of the noninteger final post stratum sample weight and the nonresponse weight, was randomly rounded to an integer weight for tabulation. If, for example, the final weight for the farms in a particular group was 7.2, then one-fifth of the sample farms in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

CENSUS SAMPLING ERROR

Sampling error in the census data results from the nonresponse sample and the census sample data collection. Census items were classified as either complete count or sample data items. The complete count items were asked of all farm operators. The complete count data items included land in farms, harvested cropland, livestock inventory and sales, crop acreages, quantities harvested and crop sales, land use, irrigation, government loans and payments, conservation acreage, type of organization, and operator characteristics (sections 1 through 22 of the census report form). Variability in the complete count data items is considerably smaller than in the sample items as the variation is due only to the nonresponse sample estimation procedure. The sample items were asked of approximately 25 percent of the total census farm operators. The sample data items included farm production expenditures, fertilizer and chemical usage, farm machinery and equipment, value of land and buildings, and farm-related income (sections 23 through 28 of the census report form). Variability in the estimates of sample items is due both to the census sample selection and estimation procedure and the nonresponse sample estimation procedure.

The sample for the 1987 Census of Agriculture is one of a large number of possible samples of the same size that could have been selected using the same sample design. Estimates derived from the different samples would differ from each other. The difference between a sample estimate and the average of all possible sample estimates is called the sampling deviation. The standard error or sampling error of a survey estimate is a measure of the variation among the estimates from all possible samples, and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The percent relative standard error of estimate is defined as the standard error of the estimate divided by the value being estimated multiplied by 100. If all possible samples were selected, each of the samples were surveyed under essentially the same conditions, and an estimate and its standard error were calculated from each sample, then:

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

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

Tables B and C provide the reliability estimates of the estimated number of farms in a county reporting complete count and sample items, respectively. Both tables show the percent relative standard errors for selected estimated number of farms in a county reporting an item.These are derived from a regression equation. The parameters of the regression equation were estimated using the estimated number of farms in a county reporting the complete count or sample item as the independent variable and the standard error of that estimate as the dependent variable for all counties in the State.

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

Farms	Relative standard error of estimate (percent)
Number of farms reporting:	
25	16.1
50	14.3
75	12.5
100	11.3
150	9.9
200	9.0
300	7.8
500	6.6
750	5.8
1,000	5.2
1,500	(NA)
2,000	(NA)

Note: Complete count items are items in sections 1 to 22 of the report form.

To illustrate the use of these tables, assume that the estimate of the number of farms reporting hogs and pigs for a particular county, as given in county table 12, is 89. Since hogs and pigs is a complete count data item, refer to table B and select the estimated relative standard error of the estimate from the row whose value is equal to or just less than the estimated number of farms, 89. For this example, the relative standard error of the estimate comes from the row for 75 farms reporting. For sample data items, follow the same procedure using table C. In counties that had less than 100 farms in the 1982 Census of Agriculture, table C does not apply because the farms in these counties were sampled with certainty (1 in 1), and thus, the reliability estimates for the number of farms in these counties are smaller than for counties that were sampled at lower rates (1 in 2 or 1 in 6).

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

Farms	Relative standard error of estimate (percent)
Number of farms reporting:	
25	77.1
50	52.6
75	42.5
100	36.6
150	29.9
200	26.0
300	21.4
500	17.0
750	14.1
1,000	12.5
1,500	(NA)
2,000	(NA)

Note: Sample items are items in sections 23 to 28 of the report form.

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

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

Table F presents the relative standard error for county totals for 10 major complete count items and 7 sample items. The relative standard error of the estimate (percent) for the same item differs among counties in a State. Reasons for this are differences among counties in (1) the total number of farms, (2) the number of large farms included with certainty, (3) the size classifications of the farms sampled, (4) the amount of nonresponse, (5) the general agricultural characteristics, and (6) the specific characteristic being measured.

CENSUS NONSAMPLING ERROR

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

Census Coverage

The main objective of the census of agriculture is to obtain a complete and accurate enumeration of U.S. farms with accurate data on all aspects of the agricultural operation. However, the cost and availability of resources for this enumeration place restrictions on operationally feasible data collection methodologies. The past five agriculture censuses have been conducted by mail enumeration with telephone contact for selected nonrespondents. The completeness of such an enumeration thus depends to a large extent on the coverage of farm operations by the census mail list.

Historically, the census of agriculture has included approximately 90 percent of the farms in the United States and over 96 percent of the agricultural production. Complete enumeration of agricultural operations satisfying the farm definition of $1,000 or more in agricultural sales is complicated by fluctuations in agricultural operations qualifying for enumeration, the variety of arrangements under which farms are operated, the multiplicity of names used by an operation, the number of operations in which an operator participates, the accuracy of data reporting, etc. A new mail list is compiled for each census because no current single list of agricultural operations is comprehensive.

An evaluation of census coverage has been conducted for each census of agriculture since 1945. The evaluation provides estimates of the completeness of census farm count and major census data items. In addition, the evaluation helps to identify problems in the census enumeration and provide information that can form the basis for improvements. The results of the 1987 Coverage Evaluation program will be published in volume 2, part 2.

The evaluation of coverage conducted in 1987 was designed to measure errors in the census mail list and in farm classification. Mail list error includes a measurement of farms not on the census mail list (undercount), and a measurement of farms enumerated more than once in the census (overcount). Classification error includes a measurement of farms classified as nonfarms in the census (undercount) and of nonfarms classified as farms in the census (overcount). Classification error arises from reporting and processing errors. Mail list undercount dominates all coverage errors. Net coverage error is defined as the difference of undercounted and overcounted farms. Measurements of these errors, as well as a description of the complete coverage program, will be available in the Coverage Evaluation report.

Mail List Coverage

A major problem with the use of a mail list for the census of agriculture enumeration is the difficulties that are encountered in compiling a complete list. The percentage of farms on the census mail list varies considerably by State. Several reasons have contributed to farm operators' names not being included on the census mail list—the operation may have been started after the mail list was developed, the operation may be so small as not to appear in agricultural related source lists used in compiling the census list, or the operation may have been falsely classified as a nonfarm prior to mailout. A large proportion of the farms not included on the mail list were small in both acres and sales of agricultural products.

The 1987 Census of Agriculture Coverage Evaluation used the area segment sample of the 1987 June Enumerative Survey (JES) of the National Agricultural Statistical Service (NASS) to estimate farms not on the census mail list. The Census Bureau contracted with the NASS to augment the JES data collection and receive survey data under the confidentiality protection afforded by Title 13, U.S. Code, from all residents of area sample segments with agricultural activity. These survey records were matched to the census mail list. Records that did not match were mailed a census of agriculture report form to estimate mail list coverage. Estimates of farms not on the census mail list used the capture-recapture dual frame estimator that will be described in the Coverage Evaluation report.

Table G provides coverage evaluation estimates of the number of farms not on the mail list and selected characteristics of those farms with their percent relative standard error. The table also provides an estimate of characteristics of farms not on the mail list as a percentage of total farms in the New England States. The estimate of total farms in the New England States is based on census farm count and the estimated number of farms not on the census mail list. This estimate of total farms in the New England States was not adjusted for classification and list duplication errors. Estimates of these errors will be made at the regional level and will be available in the Coverage Evaluation report. The table provides the standard error (not relative standard error) of this percent estimate.

Respondent and Enumerator Error

Incorrect or incomplete responses to the mailed census report form or to the questions posed by a telephone

enumerator introduce error into the census data. Such incorrect information can lead, in some cases, to incorrect enumeration of farms. This type of reporting error is measured by the Classification Error Study discussed later in this section. To reduce all types of reporting error, questions were phrased as clearly as possible based on tests of the census report form, and detailed instructions for completing the report form were provided to each addressee. In addition, each respondent's answers were checked for completeness and consistency.

Item Nonresponse

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

Processing Error

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

Classification Error

An evaluation study of classification errors was conducted in the 1987 Census of Agriculture as part of the census coverage evaluation program. A sample of mail list respondents was selected, and these addresses reenumerated to determine whether they were a farm or nonfarm. A farm status determination was made based on the evaluation questionnaire and compared with the status based on the data reported on the census form. Differences in status were reconciled.

In past censuses, the proportion of farms undercounted due to classification errors was higher for farms with small values of sales. The classification error rate was higher for (1) livestock farms than crop farms, (2) farms with a small number of acres than larger farms, or (3) tenant farms than full or part-owner farms. Results from the 1987 classification error study will be published in the Coverage Evaluation report.

EDITING DATA AND IMPUTATION FOR ITEM NONRESPONSE

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

Whenever possible, edit imputations, deletions, and changes were based on component or related data on the respondent's report form. For some items, such as operator characteristics, data from the previous census were used when available. Values for other missing or unacceptable reported data items were calculated based on reported quantities and known price parameters.

When these and similar methods were not available and values had to be supplied, the imputation process used information reported for another farm operation in a geographically adjacent area with characteristics similar to those of the farm operation with incomplete data. For example, a farm operation that reported acres of corn harvested, but did not report quantity of corn harvested, was assigned the same bushels of corn per acre harvested as that of the last nearby farm with similar characteristics that reported acceptable yields during that particular execution of the computer edit. The imputation for missing items in each section of the report form was conducted separately; thus, assigned values for one operation could come from more than one respondent.

Prior to the imputation operation, a set of default values and relationships were assigned to the possible imputation variables. The relationships and values varied depending on the item being imputed. For example, different default values were assigned for several standard industrial classification and total value of sales categories when imputing hired farm labor expenses. These values and item relationships for the possible imputation variables were stored in the computer in a series of matrices. The computer records were sorted by reported State and county, where the county sequence was based on similar types of farms and agricultural practices.

Each execution of the computer edit consisted of records from only one State. For a given execution of the edit, the stored entries in the various matrices were retained in the computer only until a succeeding record having acceptable characteristics for some sections of the report form was processed by the computer. Then the acceptable responses

of the succeeding operation replaced those previously stored. When a record processed through the edit had unreported or unacceptable data, the record was assigned the last acceptable ratio or response from an operation with a similar set of characteristics. Once each execution of the computer edit for a State was completed, the possible imputation variables were reset to the default values and relationships for subsequent executions.

After the initial computer edit, keyed reports not meeting the census farm definition were reviewed to ensure that the data were keyed correctly. Edit referrals were generated for about 30 percent of the reports included as farms, and they were also reviewed for keying accuracy and to ensure that the computer edit actions were correct. If the results of the computer edit were not acceptable, corrections were made and the record was reedited. More extensive discussions of the edit and item imputation methodology with measures of the extent of imputation in the census estimates will be provided in a separate research report.

Tables D through G follow.

Table D. **Reliability Estimates of State Totals: 1987**

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

Item		All farms		Farms with sales of $10,000 or more	
		Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)
Farms	number	5 877	.2	3 285	.2
Land in farms	acres	1 407 868	.3	1 069 202	.3
Average size of farm	acres	240	.5	325	.6
Value of land and buildings[1]	$1,000	1 521 489	2.3	1 058 488	2.1
Average per farm	dollars	258 713	2.0	317 197	2.4
Average per acre	dollars	1 124	2.8	1 039	3.2
Estimated market value of all machinery and equipment[1]	$1,000	270 641	1.8	227 916	1.9
Average per farm	dollars	46 090	1.7	68 320	1.9
Farms by size:					
1 to 9 acres	farms	281	2.4	97	3.6
	acres	1 019	3.3	253	4.0
10 to 49 acres	farms	834	1.4	182	2.7
	acres	22 002	1.6	5 082	3.3
50 to 179 acres	farms	1 800	.9	661	1.4
	acres	201 789	.9	82 435	1.4
180 to 499 acres	farms	2 320	.6	1 766	.6
	acres	695 466	.6	546 909	.6
500 to 999 acres	farms	559	1.2	505	1.1
	acres	360 847	1.2	326 539	1.1
1,000 to 1,999 acres	farms	71	-	65	-
	acres	89 865	-	82 046	-
2,000 acres or more	farms	12	-	9	-
	acres	36 880	-	25 938	-
Total cropland	farms	5 506	.2	3 159	.2
	acres	707 970	.3	599 734	.3
Harvested cropland	farms	5 069	.3	3 039	.3
	acres	488 253	.3	427 966	.3
Acres harvested:					
1 to 9 acres	farms	530	1.7	101	2.5
	acres	2 074	2.2	340	3.8
10 to 49 acres	farms	1 674	.9	439	1.8
	acres	43 311	1.0	13 573	2.0
50 to 99 acres	farms	1 070	1.2	784	1.2
	acres	73 842	1.2	55 968	1.3
100 to 199 acres	farms	1 083	.9	1 013	.8
	acres	146 805	.8	138 163	.8
200 to 499 acres	farms	643	.8	633	.7
	acres	174 709	.7	172 410	.6
500 to 999 acres	farms	63	1.7	63	1.7
	acres	39 020	1.5	39 020	1.5
1,000 acres or more	farms	6	-	6	-
	acres	8 492	-	8 492	-
Cropland used only for pasture or grazing	farms	3 523	.5	2 173	.5
	acres	188 468	.7	150 305	.6
Other cropland	farms	1 007	1.1	574	1.2
	acres	31 249	2.8	21 463	2.8
Irrigated land	farms	178	2.1	124	2.2
	acres	1 823	4.5	1 629	4.7
Acres irrigated:					
1 to 9 acres	farms	136	2.1	85	2.0
	acres	347	3.8	225	3.8
10 to 49 acres	farms	35	6.3	32	6.3
	acres	784	6.9	712	6.7
50 to 99 acres	farms	5	17.9	5	17.9
	acres	(D)	(D)	(D)	(D)
100 to 199 acres	farms	2	-	2	-
	acres	(D)	(D)	(D)	(D)
200 to 499 acres	farms	-	-	-	-
	acres	-	-	-	-
500 to 999 acres	farms	-	-	-	-
	acres	-	-	-	-
1,000 acres or more	farms	-	-	-	-
	acres	-	-	-	-
Market value of agricultural products sold	$1,000	375 537	.2	368 848	.2
Average per farm	dollars	63 899	.4	112 282	.4
Value of sales:					
Less than $2,500	farms	1 523	.9	-	-
	$1,000	1 339	1.3	-	-
$2,500 to $4,999	farms	589	1.7	-	-
	$1,000	2 078	1.8	-	-
$5,000 to $9,999	farms	480	2.0	-	-
	$1,000	3 272	2.0	-	-
$10,000 to $24,999	farms	453	1.7	453	1.7
	$1,000	7 264	1.8	7 264	1.8
$25,000 to $49,999	farms	446	1.9	446	1.9
	$1,000	16 615	1.9	16 615	1.9
$50,000 to $99,999	farms	992	1.0	992	1.0
	$1,000	72 953	1.0	72 953	1.0
$100,000 or more	farms	1 394	.1	1 394	.1
	$1,000	272 016	.1	272 016	.1
Sales by commodity or commodity group:					
Crops, including nursery and greenhouse crops	farms	2 026	.7	935	.9
	$1,000	25 186	.7	22 274	.7
Grains	$1,000	574	2.3	559	2.2
Corn for grain	$1,000	461	2.5	449	2.4
Wheat	$1,000	31	5.7	(D)	(D)
Soybeans	$1,000	(D)	(D)	(D)	(D)
Sorghum for grain	$1,000	(D)	(D)	(D)	(D)
Barley	$1,000	34	6.5	(D)	(D)
Oats	$1,000	(D)	(D)	(D)	(D)
Other grains	$1,000	20	18.8	(D)	(D)

See footnotes at end of table.

Table D. **Reliability Estimates of State Totals: 1987**—Con.

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

Item		All farms		Farms with sales of $10,000 or more	
		Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)
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	8 219	1.4	5 984	1.7
Vegetables, sweet corn, and melons	$1,000	2 501	3.9	2 285	4.1
Fruits, nuts, and berries	$1,000	8 513	.9	8 349	.9
Nursery and greenhouse crops	$1,000	4 983	-	4 713	-
Other crops	$1,000	397	11.3	384	11.7
Livestock, poultry, and their products	farms	4 668	.3	3 050	.2
	$1,000	350 351	.2	346 573	.2
Poultry and poultry products	$1,000	5 224	.8	5 116	.7
Dairy products	$1,000	298 527	.3	298 433	.2
Cattle and calves	$1,000	42 148	.5	39 860	.4
Hogs and pigs	$1,000	660	5.3	493	7.0
Sheep, lambs, and wool	$1,000	1 354	6.7	775	11.4
Other livestock and livestock products (see text)	$1,000	2 438	4.7	1 896	5.8
Farms by standard industrial classification:					
Cash grains (011)	farms	9	11.1	4	11.2
	acres	2 527	8.1	1 809	5.3
Field crops, except cash grains (013)	farms	818	1.5	144	3.4
	acres	158 605	1.9	48 494	3.9
Vegetables and melons (016)	farms	104	4.3	48	5.7
	acres	8 235	5.1	5 029	6.0
Fruits and tree nuts (017)	farms	136	3.3	54	3.7
	acres	21 912	4.5	14 559	2.6
Horticultural specialties (018)	farms	137	-	78	-
	acres	4 581	-	2 444	-
General farms, primarily crop (019)	farms	214	3.1	11	9.1
	acres	29 558	3.9	4 176	11.0
Livestock, except dairy, poultry, and animal specialties (021)	farms	1 436	1.0	286	2.2
	acres	213 325	1.4	66 243	2.7
Dairy farms (024)	farms	2 586	.5	2 567	.4
	acres	914 312	.4	911 593	.4
Poultry and eggs (025)	farms	62	5.9	24	7.6
	acres	6 198	8.9	2 851	12.7
Animal specialties (027)	farms	307	2.6	51	6.1
	acres	28 212	3.8	5 638	7.4
General farms, primarily livestock and animal specialties (029)	farms	68	5.0	18	6.8
	acres	20 403	4.8	6 366	7.9
Farms by type of organization:					
Individual or family (sole proprietorship)	farms	5 096	.3	2 699	.3
	acres	1 126 649	.4	825 028	.4
Partnership	farms	510	1.6	390	1.5
	acres	170 255	1.4	154 996	1.3
Corporation	farms	232	2.1	172	1.8
	acres	97 113	1.5	80 771	1.0
Other—cooperative, estate or trust, institutional, etc.	farms	39	5.6	24	6.3
	acres	13 851	5.3	8 407	7.4
Tenure of operator:					
Full owners	farms	3 383	.5	1 403	.7
	acres	644 234	.7	375 212	.8
Part owners	farms	2 089	.7	1 595	.6
	acres	681 072	.6	622 008	.5
Tenants	farms	405	2.1	287	2.2
	acres	82 562	2.4	71 982	2.5
Operators by principal occupation:					
Farming	farms	3 762	.4	2 938	.3
	acres	1 121 907	.4	993 261	.4
Other	farms	2 115	.7	347	2.0
	acres	285 961	1.2	75 941	2.6
Operators by sex:					
Male	farms	5 302	.3	3 105	.2
	acres	1 319 632	.4	1 024 198	.4
Female	farms	575	1.7	180	2.7
	acres	88 236	2.1	45 004	2.9
Average age of operator	years	50.4	.4	48.7	.5
Cropland under federal acreage reduction programs:					
Annual commodity acreage adjustment programs	farms	76	2.2	74	2.1
	acres	1 789	2.4	(D)	(D)
Conservation reserve program	farms	19	6.7	12	3.7
	acres	715	10.6	(D)	(D)
Government payments:					
Amount received in cash	$1,000	3 448	3.0	2 822	2.6
Value of certificates received	$1,000	433	1.3	412	1.2
Net cash return from agricultural sales[1]:					
Net cash return from agricultural sales for the farm unit (see text)	farms	5 881	.4	3 337	.6
	$1,000	83 417	2.6	91 235	2.3
Average per farm	dollars	14 184	2.7	27 340	2.4
Farms with net gains[2]	number	3 313	.6	2 838	.7
	$1,000	99 348	1.7	98 526	1.7
Farms with net losses	number	2 568	.6	499	1.2
	$1,000	15 931	4.3	7 291	7.5
Total farm production expenses[1]	farms	5 881	.4	3 337	.6
	$1,000	289 945	.8	275 481	.8
Livestock and poultry purchased	farms	2 422	3.5	1 649	3.6
	$1,000	19 702	4.1	18 452	4.3
Feed for livestock and poultry	farms	4 533	1.7	2 962	1.4
	$1,000	89 318	1.3	87 726	1.2
Seeds, bulbs, plants, and trees	farms	2 431	2.9	2 045	2.8
	$1,000	2 983	3.1	2 885	3.2
Commercial fertilizer	farms	3 425	2.4	2 567	2.1
	$1,000	9 015	1.5	8 628	1.5

See footnotes at end of table.

Table D. **Reliability Estimates of State Totals: 1987**—Con.

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

Item		All farms		Farms with sales of $10,000 or more	
		Total (number)	Relative standard error of estimate (percent)	Total (number)	Relative standard error of estimate (percent)
Total farm production expenses—Con.					
Agricultural chemicals	farms	2 109	3.3	1 716	3.2
	$1,000	2 816	1.8	2 732	1.8
Petroleum products	farms	5 470	1.0	3 252	.9
	$1,000	10 935	1.7	9 971	1.8
Electricity	farms	4 883	1.4	3 207	1.0
	$1,000	10 851	1.4	10 348	1.4
Hired farm labor	farms	3 028	2.7	2 407	2.5
	$1,000	31 704	1.7	31 070	1.7
Contract labor	farms	558	8.4	388	8.7
	$1,000	1 515	5.3	1 403	5.4
Repair and maintenance	farms	5 045	1.3	3 116	1.2
	$1,000	20 056	1.9	18 507	2.0
Customwork, machine hire, and rental of machinery and equipment	farms	1 612	4.4	1 249	4.4
	$1,000	2 702	3.8	2 501	3.8
Interest	farms	3 187	2.6	2 486	2.3
	$1,000	22 539	2.2	21 348	2.2
Cash rent	farms	1 777	3.9	1 547	3.7
	$1,000	4 688	4.7	4 493	4.8
Property taxes	farms	5 552	.8	3 122	1.1
	$1,000	14 467	2.0	10 388	2.0
All other farm production expenses	farms	5 505	.9	3 330	.6
	$1,000	46 654	1.7	45 028	1.8
Livestock and poultry:					
Cattle and calves inventory	farms	4 128	.4	2 865	.3
	number	320 189	.3	302 632	.2
Beef cows	farms	1 180	1.1	336	2.0
	number	9 805	1.8	4 012	2.3
Milk cows	farms	2 846	.5	2 594	.4
	number	178 967	.3	178 012	.2
Cattle and calves sold	farms	3 919	.4	2 916	.3
	number	170 741	.3	163 237	.3
Hogs and pigs inventory	farms	370	2.3	165	3.0
	number	5 133	6.8	3 893	8.6
Hogs and pigs sold	farms	239	2.8	85	4.0
	number	7 595	6.8	5 669	9.1
Sheep and lambs inventory	farms	605	1.7	153	2.9
	number	20 456	3.8	9 125	7.5
Sheep and lambs sold	farms	515	1.9	114	3.5
	number	19 348	5.8	9 988	10.8
Hens and pullets of laying age inventory	farms	645	1.6	224	2.4
	number	358 595	.4	348 439	.4
Broilers and other meat-type chickens sold	farms	53	6.3	9	13.6
	number	5 231	12.9	2 635	22.0
Horses and ponies inventory	farms	1 427	1.0	532	1.4
	number	7 588	1.8	2 969	2.6
Selected crops harvested:					
Corn for grain or seed	farms	210	1.7	196	1.5
	acres	11 191	1.5	11 072	1.4
	bushels	1 031 941	1.3	1 022 926	1.2
Corn for silage or green chop	farms	1 481	.7	1 412	.6
	acres	70 258	.4	69 371	.4
	tons, green	1 154 813	.4	1 142 703	.4
Oats for grain	farms	42	5.1	37	4.7
	acres	646	3.9	612	3.9
	bushels	28 475	4.1	27 655	4.2
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	4 640	.3	2 825	.3
	acres	432 881	.4	373 807	.4
	tons, dry	869 548	.3	783 659	.3
Vegetables harvested for sale (see text)	farms	230	2.6	126	3.1
	acres	2 038	2.8	1 780	3.0
Land in orchards	farms	221	2.7	82	3.7
	acres	4 797	1.7	4 062	1.3

[1]Data are based on a sample of farms.
[2]Farms with total production expenses equal to market value of agricultural products sold are included as farms with gains.

Table E. **Reliability Estimates of Percent Change in State Totals: 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	-6.9	.3	-9.0	.3
Land in farms	acres	-10.6	.4	-11.9	.3
Value of land and buildings[1]:					
Average per farm	dollars	25.2	3.3	19.2	3.0
Total cropland	farms	-7.9	.3	-10.6	.3
	acres	-8.3	.4	-8.8	.3
Harvested cropland	farms	-9.2	.4	-11.7	.3
	acres	-10.9	.3	-10.9	.3
Irrigated land	farms	48.3	3.2	55.0	3.6
	acres	45.4	6.6	44.2	6.8
Market value of agricultural products sold	farms	-6.9	.3	-9.0	.3
	$1,000	1.7	.2	1.9	.2
Crops, including nursery and greenhouse crops	farms	2.3	.8	1.9	1.0
	$1,000	25.6	1.0	27.3	1.1
Livestock, poultry, and their products	farms	-10.8	.3	-11.0	.3
	$1,000	.3	.3	.6	.2
Poultry and poultry products	farms	-23.8	1.7	-10.1	3.2
	$1,000	-15.1	.6	-15.0	.6
Selected farm production expenses[1]:					
Livestock and poultry purchased	farms	-4.9	4.3	9.6	4.8
	$1,000	21.9	5.6	22.7	5.8
Feed for livestock and poultry	farms	-12.4	1.9	-9.6	1.5
	$1,000	-14.1	1.4	-13.7	1.4
Seeds, bulbs, plants, and trees	farms	-8.8	3.3	-10.9	3.0
	$1,000	4.1	3.7	4.9	3.8
Commercial fertilizer[2]	farms	-4.5	2.9	-3.9	2.6
	$1,000	1.1	1.9	1.1	1.9
Agricultural chemicals[2]	farms	12.7	4.7	6.7	4.1
	$1,000	39.6	2.7	38.6	2.6
Hired farm labor	farms	-11.6	2.9	-10.6	2.6
	$1,000	9.8	2.4	12.0	2.4
Interest[3]	farms	1.7	3.3	-2.9	2.7
	$1,000	-10.7	2.4	-11.2	2.4
Livestock and poultry inventory:					
Cattle and calves	farms	-16.9	.4	-13.3	.3
	number	-9.8	.3	-8.6	.2
Hogs and pigs	farms	-49.5	1.2	-46.9	1.6
	number	21.3	8.3	69.3	14.9
Hens and pullets of laying age	farms	-27.5	1.2	-30.4	1.7
	number	-22.2	.6	-21.8	.5
Selected crops harvested:					
Corn for grain or seed	farms	-19.5	1.4	-16.6	1.3
	acres	-10.0	1.4	-9.0	1.3
Sorghum for grain or seed	farms	-	-	-	-
	acres	-	-	-	-
Wheat for grain	farms	-5.3	6.2	6.7	6.7
	acres	-5.9	8.5	(D)	(D)
Soybeans for beans	farms	-	-	-	-
	acres	(D)	(D)	(D)	(D)
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)	farms	-10.7	.3	-13.2	.3
	acres	-7.4	.4	-7.2	.3
Vegetables harvested for sale (see text)	farms	.9	2.7	31.3	4.2
	acres	24.8	3.8	30.3	4.3
Land in orchards	farms	-9.4	2.5	-8.9	3.4
	acres	-3.7	1.7	-7.4	1.3

[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 F. **Reliability Estimates of County Totals: 1987**

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

Geographic area	Farms		Land in farms		Average value of land and buildings per farm[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)
Addison	714	.4	220 949	.6	295 510	4.9	47 814	2.8	111 465	.6	385	4.5
Bennington	169	1.0	32 825	2.2	246 101	4.3	5 731	4.8	8 629	2.0	13	4.9
Caledonia	461	.6	102 126	1.2	194 631	7.7	22 645	9.4	32 417	1.5	(D)	(D)
Chittenden	452	.7	98 069	1.8	331 435	9.1	15 816	6.6	34 762	2.0	244	1.5
Essex	81	1.7	22 237	3.1	213 556	(Z)	3 726	(Z)	6 611	2.3	9	38.5
Franklin	786	.4	214 344	.7	205 616	3.9	46 675	5.3	78 056	.7	487	13.1
Grand Isle	127	1.3	28 234	2.6	247 126	4.4	6 347	5.4	15 557	2.4	142	22.7
Lamoille	213	.9	44 895	1.6	228 460	5.9	7 829	8.8	14 418	2.2	6	-
Orange	560	.6	113 305	1.1	229 743	5.8	23 267	8.2	30 806	1.2	89	14.2
Orleans	616	.5	168 175	1.1	221 862	6.3	27 813	5.8	56 462	.9	(D)	(D)
Rutland	516	.6	140 177	1.1	331 237	12.6	22 356	4.9	39 508	1.1	90	24.9
Washington	361	.7	71 628	1.8	235 975	7.1	12 541	6.1	20 706	1.6	40	11.1
Windham	287	.8	53 474	1.7	294 167	6.1	12 375	7.8	14 538	1.4	91	3.4
Windsor	534	.6	97 430	1.6	305 949	7.7	15 706	7.3	24 318	1.7	102	25.0

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)
Addison	63 705	.5	222	10.6	4 690	.9	224	14.1	(D)	(D)	75 677	.3
Bennington	4 923	2.9	(D)	(D)	369	4.0	-	-	-	-	6 666	1.9
Caledonia	19 685	1.3	82	10.9	(D)	(D)	(D)	(D)	-	-	23 438	1.1
Chittenden	18 737	1.3	679	30.7	762	3.8	-	-	(D)	(D)	22 036	1.0
Essex	4 269	2.9	(D)	(D)	(D)	(D)	-	-	-	-	4 964	2.2
Franklin	66 077	.5	731	5.7	1 427	.4	-	-	-	-	78 563	.4
Grand Isle	6 969	3.6	64	25.3	501	8.5	(D)	(D)	-	-	8 024	1.8
Lamoille	11 017	1.8	89	7.7	454	3.0	(D)	(D)	-	-	14 098	1.1
Orange	22 259	1.2	263	6.3	305	1.2	(D)	(D)	-	-	24 765	1.0
Orleans	43 577	.6	112	12.1	115	-	(D)	(D)	-	-	49 156	.5
Rutland	23 447	1.1	1 000	18.9	1 443	8.4	(D)	(D)	-	-	26 334	.9
Washington	13 205	1.4	190	12.5	(D)	(D)	-	-	-	-	14 781	1.2
Windham	8 789	1.5	563	30.0	446	1.9	-	-	-	-	13 466	.7
Windsor	13 530	2.0	1 060	9.1	533	17.8	-	-	-	-	13 567	1.4

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)
Addison	2 927	5.7	1 891	2.4	7 483	2.3	2 139	2.3	2 136	1.7
Bennington	241	23.2	176	5.0	801	2.3	246	4.2	191	3.9
Caledonia	1 450	15.0	676	10.9	1 339	7.4	714	5.8	592	5.6
Chittenden	1 619	24.8	458	5.8	2 141	3.0	557	7.3	643	5.2
Essex	240	(Z)	124	(Z)	397	(Z)	194	(Z)	125	(Z)
Franklin	6 074	9.0	1 691	2.5	5 745	4.8	1 847	3.8	2 375	3.1
Grand Isle	577	16.2	172	5.7	799	8.8	327	4.9	242	6.0
Lamoille	969	5.4	316	8.5	978	2.8	315	7.5	369	7.4
Orange	615	8.7	467	5.8	1 752	13.2	920	8.8	794	6.2
Orleans	2 367	11.3	1 206	4.8	3 504	5.4	1 226	8.0	1 376	5.6
Rutland	992	8.7	694	3.4	2 082	7.9	875	5.8	736	4.7
Washington	374	9.9	308	6.8	1 759	11.3	484	9.7	544	7.9
Windham	536	10.9	398	4.9	1 864	3.3	530	7.5	304	6.7
Windsor	720	16.2	437	9.0	1 062	10.1	560	6.1	425	6.3

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

Table G. New England States Coverage Evaluation Estimates of Farms Not on the Mail List: 1987

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

Item		Not on mail list		Percent not on mail list	
		Total number	Relative standard error of estimate (percent)	Total percent	Standard error of percent
Farms	number	7 767	11.5	23.6	2.7
Land in farms	acres	533 303	17.4	11.2	1.9
Farms by size:					
Less than 50 acres	farms	4 819	14.5	35.6	5.2
50 acres or more	farms	2 948	11.9	15.2	1.8
Harvested cropland	farms	7 767	11.5	26.9	3.1
	acres	150 362	28.2	9.9	2.8
Farms by value of sales:					
Less than $10,000	farms	7 101	12.1	33.3	4.0
Less than $2,500	farms	5 642	9.9	40.7	4.1
$2,500 to $9,999	farms	1 459	39.8	19.6	7.8
$10,000 or more	farms	666	13.9	5.7	.8
Market value of agricultural products sold	$1,000	25 984	24.9	1.6	.4
Farms by standard industrial classification:					
Crops (01)	farms	3 237	20.6	21.9	4.5
Livestock (02)	farms	4 530	10.6	24.9	2.7
Farms by tenure of operator:					
Full owners	farms	6 643	12.4	28.9	3.6
Part owners	farms	1 124	14.9	13.4	2.0
Tenants	farms	-	-	-	-
Operators by principal occupation:					
Farming	farms	1 532	13.1	10.2	1.3
Other	farms	6 235	13.0	34.8	4.5
Average age of operator	years	51.9	(Z)	(X)	(X)

Note 1: Farms classified as nonfarms, nonfarms classified as farms, and farms appearing more than once in the census are not accounted for in these estimates, but will be provided in the 1987 Coverage Evaluation publication. See appendix C for futher explanation.

Note 2: Detail may not add to total due to rounding.

Note 3: New England States include Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

APPENDIX D.
Report Form and Information Sheet

DUE BY FEBRUARY 1, 1988

OMB No. 0607-0534: Approval Expires September 30, 1989

FORM **87-A0201** (8-11-86)

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-A0201

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 — 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* . .
- 3 ☐ Forest Service
- 4 ☐ Taylor Grazing Sec. 3 (BLM)
- 5 ☐ Indian Land
- 6 ☐ Other — *Specify* _____

2 ☐ No — *Go to item 8*

8. LOCATION OF AGRICULTURAL ACTIVITY FOR "THIS PLACE"

	County name	State	Number of acres
a. In what county was the largest value of your agricultural products raised or produced? . . . Principal county →			056
b. If you also had agricultural operations in any other county(ies), enter the county name(s), etc. . . . . Other counties			057
			058
			059

PENALTY FOR FAILURE TO REPORT

***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.	069
2. Corn (field) for silage or green chop	☐	070	071 Tons, green	072
3. Soybeans for beans . .	☐	088	089 Bu.	090
4. Beans, dry edible	☐	554	555 Cwt.	556
5. Wheat for grain	☐	073	074 Bu.	075
6. Oats for grain	☐	076	077 Bu.	078
7. Barley for grain	☐	079	080 Bu.	081
8. Rye for grain	☐	688	687 Bu.	668
9. Sorghum for grain or seed	☐	082	083 Bu.	084
10. Sorghum for silage or green chop *(Do not include sorghum-sudan crosses.)*. . .	☐	085	086 Tons, green	087
11. Tobacco — all types . .	☐	094 /10	095 Lbs.	096 /10
12. Potatoes, Irish	☐	097 /10	098 Cwt.	099 /10

SECTION 3 — Was any DRY HAY, GRASS SILAGE, HAYLAGE, or GREEN CHOP cut or harvested from "THIS PLACE" in 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, Sudangrass, meadow and pasture grasses, 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 3)* . . . . . 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*

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	
Sweet corn	461		/10	462	/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	Cucumbers and pickles	411	Peppers, sweet	443
Beans, snap (bush and pole)	381	Eggplant	415	Peppers, hot	445
Beets	383	Endive	417	Pumpkins	449
Broccoli	385	Escarole	419	Radishes	451
Brussels sprouts	387	Kale	425	Spinach	457
Cabbage, head	391	Lettuce and romaine	427	Squash	459
Cantaloups and muskmelons	395	Lima beans, green	429	Tomatoes	463
Carrots	397	Mustard greens	431	Turnips	465
Cauliflower	399	Onions, dry	433	Turnip greens	467
Celery	401	Onions, green	435	Watermelons	473
Chicory	403	Okra	437	Other vegetables — *Specify*	475
Collards	407	Parsley	439		
		Peas, green	441		

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 floriat 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 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
Strawberries	536		/10	537 Lbs.	538	/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	Other berries (pounds) — *Specify*	539
Blueberries, wild (pounds)	515		
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*

For those crops not listed enter the crop name and code from the list below. *Report quantity harvested in unit specified with crop name.*

Crop name	Code	Acres harvested		Quantity harvested	Acres irrigated	
Sweetpotatoes and yams	100		/10	101 Bu.	102	/10
Buckwheat	576			576 Bu.	577	
Red clover seed	671			672 Lbs.	673	
Timothy seed	746			747 Lbs.	748	
				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	Ryegrass seed (pounds)	689
Birdsfoot trefoil seed (pounds)	566	Salt hay (tons)	695
Corn cut for dry fodder, hogged or grazed (report acres only)	581	Sorghum cut for dry forage or hay (tons, dry weight)	698
Emmer and spelt (bushels)	599	Sorghum hogged or grazed (report acres only)	701
Grains, mixed (bushels)	614	Sunflower seed (pounds)	734
Lespedeza seed (pounds)	638	Vetch seed (pounds)	755
Peas, dry edible (pounds)	659	Other crops (pounds) — *Specify*	752
Popcorn (pounds, shelled)	662		

SECTION 8 — Was there a combined total of 20 or more FRUIT TREES, including GRAPEVINES and NUT TREES, on "THIS PLACE" in 1987?

S8
1 ☐ YES — *Complete this section*
2 ☐ NO — *Go to section 9*

1. **TOTAL ACRES** in bearing and nonbearing fruit orchards, vineyards, and nut trees on this place. *(Do not include abandoned acres.)*

Total acres		Acres irrigated	
Whole acres	Tenths	Whole acres	Tenths
121	/10	122	/10

2. For those crops not listed below, enter the name and code from the list at the right for other fruit and nut trees on this place in 1987. Report the requested information for each crop even if not harvested because of low prices, damage from hail, frost, etc.

Crop name	Code	NUMBER OF TREES OR VINES OF —		Acres in trees and vines of all ages		Quantity harvested	Unit of measure *Mark one*			
		Nonbearing age	Bearing age	Whole acres	Tenths		Lbs.	Tons	Boxes	Lbs. per box
Apples	123		124	125	/10	126	127 1 ☐	2 ☐	3 ☐	128
Grapes	177		178	179	/10	180	181 1 ☐	2 ☐	3 ☐	182
Sweet cherries	345		346	347	/10	348	349 1 ☐	2 ☐	3 ☐	350
Tart cherries	587		588	589	/10	590	591 1 ☐	2 ☐	3 ☐	592
			1	2	/10	3	4 1 ☐	2 ☐	3 ☐	5
			1	2	/10	3	4 1 ☐	2 ☐	3 ☐	5

If more space is needed, use a separate sheet of paper.

Crop name	Code
Apricots	129
Nectarines	201
Peaches	225
Pears	231
Plums and prunes	243
Other fruit and nuts — *Specify*	369

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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 — rye, dry beans, dry peas, popcorn, sunflower seed, buckwheat, etc.	☐	779 $	00
2. Tobacco	☐	781 $	00
3. Hay, silage, field seeds, and grass seeds	☐	782 $	00
4. Vegetables, sweet corn, and melons — *(Do not include Irish potatoes and sweetpotatoes, report them in item 6 below.)*	☐	783 $	00
5. Fruits, nuts, and berries — apples, peaches, grapes, cherries, cranberries, strawberries, blueberries, etc.	☐	784 $	00
6. Other crops — Irish potatoes, sweetpotatoes, etc. *(Do not include nursery and greenhouse crops.)* — *Specify* _____	☐	785 $	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. Calves weighing less than 500 pounds	☐	808	809 $	00
3. Cattle, including calves weighing 500 pounds or more	☐	810	811 $	00
a. Of the total cattle sold, how many were FATTENED on this place on GRAIN or CONCENTRATES for 30 days or more and SOLD for SLAUGHTER?	☐	812	813 $	00

• 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 ___ OR ___ Pounds; 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.)*			
Poultry name _____ Code _____			1
Poultry name _____ Code _____			1

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. Tobacco, rye, 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

1. Is this a family-held corporation? 922 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

1. RESIDENCE — Does the operator (senior partner or person in charge) live on this place? 923 1 ☐ Yes 2 ☐ No
2. PRINCIPAL OCCUPATION — At which occupation did the operator spend the majority (50 percent or more) of his/her worktime in 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 (senior partner or person in charge) work at least 4 hours per day **off** this place in 1987? — *Include work at a nonfarm job, business, or on someone else's farm for pay. (Do not include exchange farmwork.)* 929
   1 ☐ None
   2 ☐ 1–49 days
   3 ☐ 50–99 days
   4 ☐ 100–149 days
   5 ☐ 150–199 days
   6 ☐ 200 days or more
4. In what YEAR did the operator (or senior partner) begin to operate any part of this place? 060 _____ Year
5. AGE of operator (senior partner or person in charge) 925 _____ Years old
6. RACE of operator (senior partner or person in charge) 924
   1 ☐ White
   2 ☐ Negro or Black
   3 ☐ American Indian
   4 ☐ Asian or Pacific Islander
   5 ☐ Other — *Specify* _____
7. SEX of operator (senior partner or person in charge) 926 1 ☐ Male 2 ☐ Female
8. SPANISH ORIGIN — Is the operator (senior partner or person in charge) of Spanish origin or descent (Mexican, Puerto Rican, Cuban, or other Spanish)? 927 1 ☐ Yes 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 separately, 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**

	Estimated market value Dollars	Cents
1. What is the estimated market value of ALL machinery, equipment, and implements usually kept on this place and used for the farm or ranch business? — *Include cars, trucks, tractors, combines, plows, disks, harrows, dryers, pumps, motors, irrigation equipment, dairy equipment including milkers and bulk tanks, livestock feeders, grinding and mixing equipment, etc.*	943 $	00

• **SELECTED machinery and equipment on this place, December 31, 1987.** *(Report only if used in 1986 or 1987.)*	None	Total number on this place on December 31, 1987	Of the total, HOW MANY were manufactured in the last 5 years (1983 - 1987)?
2. Motortrucks — *Include pickups*	☐	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 87-A0201 (8-11-86)

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 — S2	Were any of the following CROPS harvested from "THIS PLACE" in 1987?			
	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.

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

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-A0400

Please correct errors in name, address, and ZIP Code. ENTER street and number if not shown.

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

PENALTY FOR FAILURE TO REPORT

SECTION 1

• 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.)*	☐	087 /10	088 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)	078
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

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
Specify crop(s) _____	☐	886 $	00

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? 080 _____ 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)

Page 2

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.

☆ U.S. GOVERNMENT PRINTING OFFICE: 1989— 242-303/00007

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
Boysenberries	-	29
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

INDEX—Con.

(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables
F—Con.		
Feeder pigs sales	20,33,35-37,48-53	12
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
G—Con.		
Grapes	45,48-53	28
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	10
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

INDEX—Con.

(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables
I—Con.		
Irish potatoes	1,42-44,48-53	1,15,16,25
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
P—Con.		
Pimientos	-	27
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

INDEX—Con.

(Index items not reported for the State will not appear in designated tables)

Item	State tables	County tables
S—Con.		
Salt hay	-	31
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

Census of Agriculture

Statistical Data for all Counties, States, and the United States.

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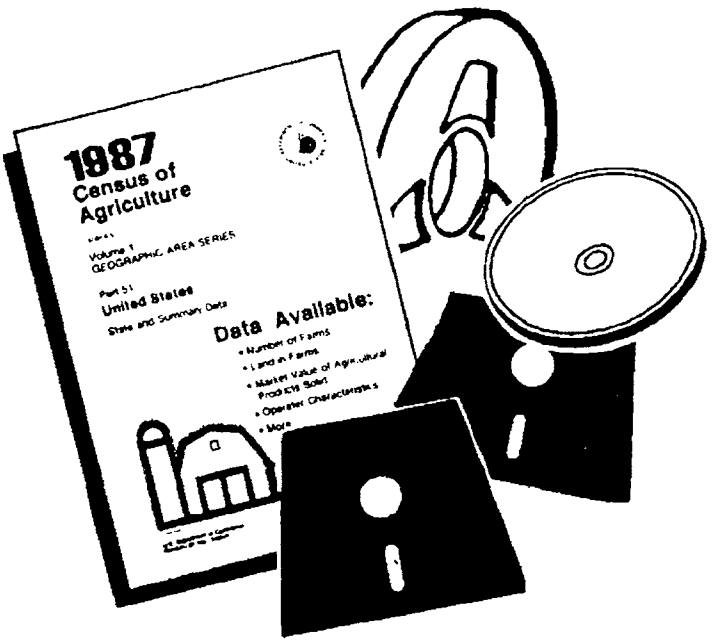

For further information call (301) 763-1113

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.

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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.

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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.

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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.