

1992

Census of Agriculture



AC92-A-45

Volume 1
GEOGRAPHIC AREA SERIES

Part 45

Vermont

State and County Data



U.S. Department of Commerce
Economics and Statistics Administration
BUREAU OF THE CENSUS

Acknowledgments

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Members of the Census Advisory Committee on Agriculture Statistics and representatives of both public and private organizations made significant recommendations which helped establish data content.

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

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

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Economics and Statistics Administration
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Introduction

HISTORY

The 1992 Census of Agriculture is the 24th 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 1992 census includes each State, Puerto Rico, Guam, and the Virgin Islands of the United States.

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 its farm definition.

COMPARABILITY OF DATA

Data on acreages and inventories for 1992 and 1987 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.

TABULAR PRESENTATION

State data. Tables 1 through 45 in chapter 1 show detailed State-level data usually accompanied by historical data for one or more past censuses. Tables 46 through 52 provide 1992 State data cross-tabulated by various farm classifications.

County data. Chapter 2 presents selected data items by county. Tables 1 through 17 include general data for all counties. The counties are listed in alphabetical order in the column headings. Tables 18 through 39 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."

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, DC 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 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.
(H)	Standard error or relative standard error of estimate is greater than or equal to 99.95 percent.
(IC)	Independent city.
(L)	Standard error or relative standard error of estimate is less than .05 percent.
(NA)	Not available.
(S)	Withheld because estimate did not meet publication standards on the basis of either the response rate or a consistency review.
(X)	Not applicable.
(Z)	Less than half of the unit shown.
cwt	Hundredweight.
sq ft	Square feet.

A. Highlights of the State's Agriculture: 1992 and 1987

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

Item	All farms		
	1992	1987	Percent change from 1987 to 1992
Farms ----- number	5 436	5 877	-7.5
Land in farms ----- acres	1 278 525	1 407 868	-9.2
Average size of farm ----- acres	235	240	-2.1
Estimated market value of land and buildings ¹ :			
Average per farm ----- dollars	318 131	258 713	23.0
Average per acre ----- dollars	1 342	1 124	19.4
Estimated market value of all machinery and equipment ¹ :			
Average per farm ----- dollars	50 911	46 090	10.5
Farms by size:			
1 to 9 acres -----	292	281	3.9
10 to 49 acres -----	807	834	-3.2
50 to 179 acres -----	1 692	1 800	-6.0
180 to 499 acres -----	2 039	2 320	-12.1
500 to 999 acres -----	520	559	-7.0
1,000 to 1,999 acres -----	73	71	2.8
2,000 acres or more -----	13	12	8.3
Total cropland ----- farms	5 081	5 506	-7.7
Harvested cropland ----- acres	658 765	707 970	-7.0
----- farms	4 741	5 069	-6.5
----- acres	477 020	488 253	-2.3
Irrigated land ----- farms	255	178	43.3
----- acres	2 123	1 823	16.5
Market value of agricultural products sold ----- \$1,000	415 253	375 537	10.6
Average per farm ----- dollars	76 389	63 899	19.5
Crops, including nursery and greenhouse crops ----- \$1,000	35 483	25 186	40.9
Livestock, poultry, and their products ----- \$1,000	379 770	350 351	8.4
Farms by value of sales:			
Less than \$2,500 -----	1 326	1 523	-12.9
\$2,500 to \$4,999 -----	551	589	-6.5
\$5,000 to \$9,999 -----	567	480	18.1
\$10,000 to \$24,999 -----	467	453	3.1
\$25,000 to \$49,999 -----	350	446	-21.5
\$50,000 to \$99,999 -----	710	992	-28.4
\$100,000 to \$249,999 -----	1 115	1 158	-3.7
\$250,000 to \$499,999 -----	263	194	35.6
\$500,000 or more -----	87	42	107.1
Total farm production expenses ¹ ----- \$1,000	340 482	289 945	17.4
Average per farm ----- dollars	62 612	49 302	27.0
Net cash return from agricultural sales for the farm unit (see text) ¹ ----- farms	5 438	5 881	-7.5
----- \$1,000	71 810	83 417	-13.9
Average per farm ----- dollars	13 205	14 184	-6.9
Operators by principal occupation:			
Farming -----	3 502	3 762	-6.9
Other -----	1 934	2 115	-8.6
Operators by days worked off farm:			
Any -----	2 402	2 695	-10.9
200 days or more -----	1 344	1 598	-15.9
Livestock and poultry:			
Cattle and calves inventory ----- farms	3 558	4 128	-13.8
----- number	310 518	320 189	-3.0
Beef cows ----- farms	1 048	1 180	-11.2
----- number	11 812	9 805	20.5
Milk cows ----- farms	2 373	2 846	-16.6
----- number	168 473	178 967	-5.9
Cattle and calves sold ----- farms	3 378	3 919	-13.8
----- number	145 715	170 741	-14.7
Hogs and pigs inventory ----- farms	347	370	-6.2
----- number	3 738	5 133	-27.2
Hogs and pigs sold ----- farms	228	239	-4.6
----- number	7 427	7 595	-2.2
Sheep and lambs inventory ----- farms	485	605	-19.8
----- number	17 145	20 456	-16.2
Chickens 3 months old or older inventory ----- farms	508	649	-21.7
----- number	(D)	405 869	(D)
Broilers and other meat-type chickens sold ----- farms	51	53	-3.8
----- number	7 266	5 231	38.9
Selected crops harvested:			
Corn for grain or seed ----- farms	143	210	-31.9
----- acres	7 567	11 191	-32.4
----- bushels	727 744	1 031 941	-29.5
Corn for silage or green chop ----- farms	1 419	1 481	-4.2
----- acres	86 024	70 258	22.4
Oats for grain ----- tons, green	1 362 157	1 154 813	18.0
----- farms	28	42	-33.3
----- acres	489	646	-24.3
----- bushels	28 885	28 475	1.4
Hay--alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms	4 200	4 640	-9.5
----- acres	408 552	432 881	-5.6
----- tons, dry	776 231	869 548	-10.7
Vegetables harvested for sale (see text) ----- farms	330	230	43.5
----- acres	2 534	2 038	24.3
Land in orchards ----- farms	258	221	16.7
----- acres	4 894	4 797	2.0

¹Data are based on a sample of farms.

1992 CENSUS OF AGRICULTURE

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B. Highlights of the State's Agriculture: 1992 and 1987 (Metric Measurement)

[1 acre = 0.4047 hectare. For further metric conversions, see metric conversion table in appendix E. Dollar figures are in current dollars with no adjustment for price changes. For meaning of abbreviations and symbols, see introductory text]

Item	All farms		
	1992	1987	Percent change from 1987 to 1992
Farms ----- number	5 436	5 877	-7.5
Land in farms ----- hectares	517 419	569 764	-9.2
Average size of farm ----- hectares	95	97	-2.1
Estimated market value of land and buildings ¹ :			
Average per farm ----- dollars	318 131	258 713	23.0
Average per hectare ----- dollars	1 342	1 124	19.4
Estimated market value of all machinery and equipment ¹ :			
Average per farm ----- dollars	50 911	46 090	10.5
Farms by size:			
.01 to 3.84 hectares -----	292	281	3.9
3.85 to 20.04 hectares -----	807	834	-3.2
20.05 to 72.67 hectares -----	1 692	1 800	-6.0
72.68 to 202.22 hectares -----	2 039	2 320	-12.1
202.23 to 404.65 hectares -----	520	559	-7.0
404.66 to 809.51 hectares -----	73	71	2.8
809.52 hectares or more -----	13	12	8.3
Total cropland ----- farms	5 081	5 506	-7.7
----- hectares	266 602	286 515	-7.0
Harvested cropland ----- farms	4 741	5 069	-6.5
----- hectares	193 050	197 596	-2.3
Irrigated land ----- farms	255	178	43.3
----- hectares	859	738	16.4
Market value of agricultural products sold ----- \$1,000	415 253	375 537	10.6
Average per farm ----- dollars	76 389	63 899	19.5
Crops, including nursery and greenhouse crops ----- \$1,000	35 483	25 186	40.9
Livestock, poultry, and their products ----- \$1,000	379 770	350 351	8.4
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\$25,000 to \$49,999 -----	350	446	-21.5
\$50,000 to \$99,999 -----	710	992	-28.4
\$100,000 to \$249,999 -----	1 115	1 158	-3.7
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Livestock and poultry:			
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----- number	310 518	320 189	-3.0
Beef cows ----- farms	1 048	1 180	-11.2
----- number	11 812	9 805	20.5
Milk cows ----- farms	2 373	2 846	-16.6
----- number	168 473	178 967	-5.9
Cattle and calves sold ----- farms	3 378	3 919	-13.8
----- number	145 715	170 741	-14.7
Hogs and pigs inventory ----- farms	347	370	-6.2
----- number	3 738	5 133	-27.2
Hogs and pigs sold ----- farms	228	239	-4.6
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Sheep and lambs inventory ----- farms	485	605	-19.8
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Chickens 3 months old or older inventory ----- farms	508	649	-21.7
----- number	71	405 869	(D)
Broilers and other meat-type chickens sold ----- farms	51	53	-3.8
----- number	7 266	5 231	38.9
Selected crops harvested:			
Corn for grain or seed ----- farms	143	210	-31.9
----- hectares	3 062	4 529	-32.4
metric tons -----	18 486	26 213	-29.5
Corn for silage or green chop ----- farms	1 419	1 481	-4.2
----- hectares	34 814	28 433	22.4
metric tons -----	1 235 728	1 047 629	18.0
Oats for grain ----- farms	28	42	-33.3
----- hectares	198	261	-24.1
metric tons -----	419	413	1.5
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text) ----- farms	4 200	4 640	-9.5
----- hectares	165 341	175 187	-5.6
metric tons -----	704 185	788 841	-10.7
Vegetables harvested for sale (see text) ----- farms	330	230	43.5
----- hectares	1 025	825	24.2
Land in orchards ----- farms	258	221	16.7
----- hectares	1 980	1 941	2.0

¹Data are based on a sample of farms.

2 VERMONT

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