

# 1987

## Census of Agriculture

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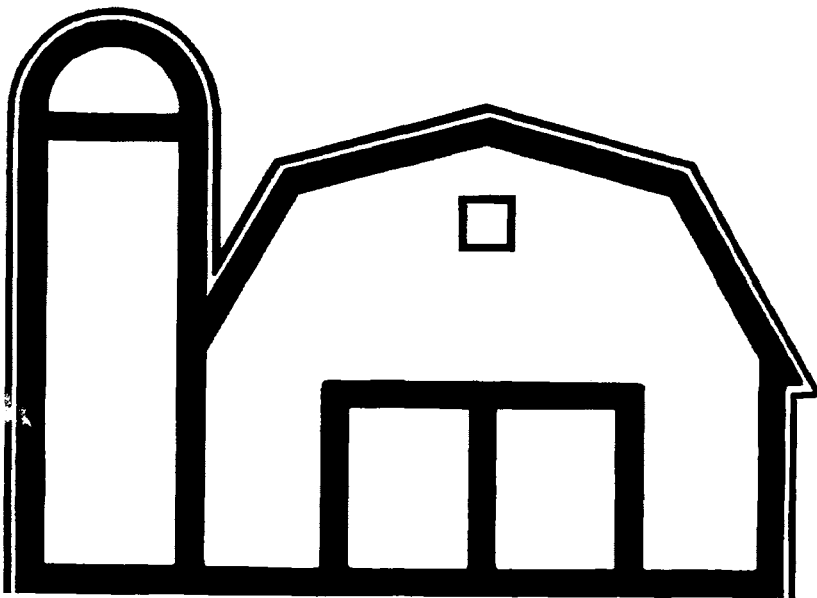
Volume 1  
GEOGRAPHIC AREA SERIES

Part 36

# Oklahoma

State and County Data

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U.S. Department of Commerce  
BUREAU OF THE CENSUS

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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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GEOGRAPHIC AREA SERIES

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**Oklahoma**  
State and County Data

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Issued July 1989



**U.S. Department of Commerce**  
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**BUREAU OF THE CENSUS**

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# CONTENTS

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Introduction .....	Page
Highlights of the State's Agriculture: 1987 and 1982 .....	VII
	1

---

## FIGURES

1. State Map .....	2
2. Profile of State's Agriculture: 1987 .....	3
3. Percent of Farms and of Value of Products Sold: 1987 .....	4
4. Farms by Value of Agricultural Products Sold: 1959 to 1987 .....	4
5. Land Use: 1987 .....	5
6. Selected Crops Harvested: 1987 .....	5
7. Value of Livestock and Poultry Sold: 1987 .....	6
8. Production Expenses: 1987 .....	6

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## TABLES

### CHAPTER 1. State Data

1. Historical Highlights: 1987 and Earlier Census Years .....	7
2. Market Value of Agricultural Products Sold: 1987, 1982, and 1978 .....	9
3. Farm Production Expenses: 1987, 1982, and 1978 .....	10
4. Net Cash Return From Agricultural Sales: 1987 .....	12
5. Government Payments and Other Farm-Related Income: 1987 and 1982 .....	13
6. Commodity Credit Corporation Loans: 1987 and 1982 .....	14
7. Land Use and Acres Diverted: 1987, 1982, and 1978 .....	15
8. Land in Farms, Harvested Cropland, and Irrigated Land, by Size of Farm: 1987 and 1982 .....	16
9. Irrigation: 1987, 1982, and 1978 .....	16
10. Selected Characteristics of Irrigated and Nonirrigated Farms: 1987 and 1982 .....	17
11. Value of Land and Buildings: 1987, 1982, and 1978 .....	18
12. Value of Machinery and Equipment on Place: 1987 and 1982 .....	18
13. Selected Machinery and Equipment on Place: 1987 and 1982 .....	18
14. Petroleum Products Expenses: 1987, 1982, and 1978 .....	19
15. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987, 1982, and 1978 .....	19
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 .....	20
17. Selected Characteristics of Farms Operated by Females, Persons of Spanish Origin, and Specified Racial Groups: 1987 and 1982 .....	21
18. Selected Characteristics of Farms by Standard Industrial Classification: 1987 .....	23
19. Selected Characteristics of Abnormal Farms: 1987 and 1982 .....	24
20. Livestock and Poultry—Inventory and Sales: 1987, 1982, and 1978 .....	25
21. Poultry—Inventory and Sales: 1987 and 1982 .....	25
22. Broilers and Started Pullets—Sales: 1987 and 1982 .....	26
23. Poultry—Inventory and Sales by Size of Flock: 1987 .....	26
24. Turkeys—Sales by Number Sold Per Farm: 1987 .....	27
25. Cattle and Calves—Inventory: 1987 and 1982 .....	27
26. Cattle and Calves—Sales: 1987 and 1982 .....	28
27. Cattle and Calves—Inventory and Sales by Size of Herd: 1987 .....	28
28. Cattle and Calves—Inventory and Sales by Size of Cow Herd: 1987 .....	29
29. Cattle and Calves—Inventory and Sales by Size of Beef Cow Herd: 1987 .....	29
30. Cattle and Calves—Inventory and Sales by Size of Milk Cow Herd: 1987 .....	30
31. Cattle and Calves—Sales by Number Sold Per Farm: 1987 .....	30
32. Hogs and Pigs—Inventory: 1987 and 1982 .....	30
33. Hogs and Pigs—Sales: 1987 and 1982 .....	31

	Page
34. Hogs and Pigs—Litters Farrowed: 1987 and 1982 .....	31
35. Hogs and Pigs—Inventory and Sales by Size of Herd: 1987 .....	31
36. Hogs and Pigs—Inventory and Sales by Number Sold Per Farm: 1987 .....	32
37. Hogs and Pigs—Inventory, Sales, and Litters by Total Farrowed: 1987 .....	32
38. Sheep and Lambs—Inventory and Sales: 1987 and 1982 .....	32
39. Sheep and Lambs—Inventory and Sales by Size of Flock: 1987 .....	33
40. Sheep and Lambs—Inventory and Sales by Size of Ewe Flock: 1987 .....	33
41. Other Livestock and Livestock Products—Inventory and Sales: 1987 and 1982 .....	34
42. Crops Harvested and Value of Production: 1987 and 1982 .....	35
43. Specified Crops Harvested—Yield Per Acre Irrigated and Nonirrigated: 1987 .....	35
44. Specified Crops by Acres Harvested: 1987 and 1982 .....	36
45. Specified Fruits and Nuts by Acres: 1987 and 1982 .....	38
46. Nursery and Greenhouse Crops, Mushrooms, and Sod Grown for Sale by Value of Sales: 1987 and 1982 .....	38
47. Farms by Concentration of Market Value of Agricultural Products Sold: 1987 .....	39
48. Summary by Tenure of Operator: 1987 .....	40
49. Summary by Type of Organization: 1987 .....	50
50. Summary by Age and Principal Occupation of Operator: 1987 .....	60
51. Summary by Size of Farm: 1987 .....	80
52. Summary by Value of Agricultural Products Sold: 1987 .....	100
53. Summary by Standard Industrial Classification of Farm: 1987 .....	120

## CHAPTER 2. County Data

1. County Summary Highlights: 1987 .....	140
2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982 .....	151
3. Farm Production Expenses: 1987 and 1982 .....	173
4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982 .....	184
5. Farms, Land in Farms, and Land Use: 1987 and 1982 .....	195
6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982 .....	217
7. Irrigation: 1987 and 1982 .....	228
8. Machinery and Equipment on Place: 1987 and 1982 .....	239
9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982 .....	250
10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982 .....	256
11. Cattle and Calves—Inventory and Sales: 1987 and 1982 .....	278
12. Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982 .....	300
13. Sheep and Horses—Inventory and Sales: 1987 and 1982 .....	311
14. Poultry—Inventory and Sales: 1987 and 1982 .....	317
15. Selected Crops: 1987 and 1982 .....	328
16. Farms With Sales of \$10,000 or More: 1987 and 1982 .....	339
17. Milk Goats—Inventory and Sales: 1987 and 1982 .....	389
18. Angora Goats—Inventory and Sales: 1987 and 1982 .....	389
19. Mink and Their Pelts—Inventory and Sales: 1987 and 1982 .....	*
20. Colonies of Bees and Honey—Inventory and Sales: 1987 and 1982 .....	390
21. Fish Sales: 1987 and 1982 .....	391
22. Miscellaneous Poultry—Inventory and Sales: 1987 and 1982 .....	391
23. Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1987 and 1982 .....	392
24. Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1987 and 1982 .....	394
25. Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 1987 and 1982 .....	399
26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982 .....	401
27. Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982 .....	410
28. Fruits and Nuts: 1987 and 1982 .....	416
29. Berries Harvested for Sale: 1987 and 1982 .....	420
30. Nursery and Greenhouse Crops, Mushrooms, and Sod Grown for Sale: 1987 and 1982 .....	421
31. Other Crops: 1987 and 1982 .....	424
32. Farms Operated by Black and Other Races by Value of Sales and Occupation: 1987 and 1982 .....	425
33. Farms Operated by Black and Other Races by Tenure: 1987 and 1982 .....	426
34. Operators by Selected Racial Groups: 1987 and 1982 .....	427
35. Operators of Spanish Origin: 1987 and 1982 .....	429
36. Farms With Grazing Permits: 1987 .....	429

**APPENDIXES**

A.	General Explanation .....	A-1
B.	Places With All Cropland in the Conservation Reserve Program .....	B-1
C.	Statistical Methodology .....	C-1
D.	Report Form and Information Sheet .....	D-1

Index .....	Index 1
Publication Program .....	Inside back cover

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# INTRODUCTION

	Page
HISTORY .....	VII
USES OF THE CENSUS .....	VII
AUTHORITY AND AREA COVERED .....	VII
FARM DEFINITION .....	VII
COMPARABILITY OF DATA .....	VII
TABULAR PRESENTATION .....	VII
ADVANCE REPORTS .....	VIII
ELECTRONIC DATA DISSEMINATION .....	VIII
SPECIAL TABULATIONS .....	VIII
CENSUS DISCLOSURE RULES .....	VIII
INVENTORIES, PRODUCTION, AND SALES DATA .....	VIII
ABBREVIATIONS AND SYMBOLS .....	VIII

## 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..	70 228	72 523	-3.2
Land in farms.....acres..	31 541 977	32 369 206	-2.6
Average size of farm.....acres..	449	446	.7
Value of land and buildings <sup>1</sup> :			
Average per farm.....dollars..	215 024	311 642	-31.0
Average per acre.....dollars..	480	699	-31.3
Farms by size:			
1 to 9 acres.....	3 666	3 244	13.0
10 to 49 acres.....	10 134	10 651	-4.9
50 to 179 acres.....	22 331	23 558	-5.2
180 to 499 acres.....	18 006	18 670	-3.6
500 to 999 acres.....	8 405	8 850	-5.0
1,000 to 1,999 acres.....	5 132	5 124	.2
2,000 acres or more.....	2 554	2 426	5.3
Harvested cropland.....farms..	43 522	45 825	-5.0
.....acres..	7 319 193	8 961 353	-18.3
Irrigated land.....farms..	3 029	3 069	-1.3
.....acres..	478 437	492 077	-2.8
Market value of agricultural products sold.....\$1,000..	2 714 892	2 530 061	7.3
Average per farm.....dollars..	38 658	34 886	10.8
Crops, including nursery and greenhouse crops.....\$1,000..	610 050	827 694	-26.3
Grains.....\$1,000..	346 610	634 926	-45.4
Cotton and cottonseed.....\$1,000..	86 007	54 217	58.6
Tobacco.....\$1,000..	-	-	-
Hay, silage, and field seeds.....\$1,000..	49 913	43 163	15.6
Vegetables, sweet corn, and melons.....\$1,000..	10 602	5 657	87.4
Fruits, nuts, and berries.....\$1,000..	4 849	4 549	6.6
Nursery and greenhouse crops.....\$1,000..	61 822	45 119	37.0
Other crops.....\$1,000..	50 246	40 063	25.4
Livestock, poultry, and their products.....\$1,000..	2 104 842	1 702 366	23.6
Poultry and poultry products.....\$1,000..	219 687	124 721	76.1
Dairy products.....\$1,000..	121 176	140 144	-13.5
Cattle and calves.....\$1,000..	1 699 931	1 369 052	24.2
Hogs and pigs.....\$1,000..	33 064	36 143	-8.5
Sheep, lambs, and wool.....\$1,000..	6 773	4 913	37.8
Other livestock and livestock products (see text).....\$1,000..	24 211	27 393	-11.6
Farms by type of organization:			
Individual or family (sole proprietorship).....	64 099	65 745	-2.5
Partnership.....	4 711	5 541	-15.0
Corporation.....	1 049	886	18.4
Other--cooperative, estate or trust, institutional, etc.....	369	351	5.1
Operators by principal occupation:			
Farming.....	33 052	32 847	.6
Other.....	37 176	39 676	-6.3
Operators by days worked off farm:			
Any.....	40 839	43 879	-6.9
200 days or more.....	28 495	30 961	-8.0
Average age of operator.....years..	53.6	51.9	3.3
Total farm production expenses <sup>1</sup> .....\$1,000..	2 359 468	(NA)	(NA)
Selected farm production expenses <sup>1</sup> :			
Livestock and poultry purchased.....\$1,000..	745 844	626 108	19.1
Feed for livestock and poultry.....\$1,000..	439 530	396 650	10.8
Commercial fertilizer <sup>2</sup> .....\$1,000..	102 292	116 377	-12.1
Agricultural chemicals <sup>2</sup> .....\$1,000..	54 052	31 075	73.9
Petroleum products.....\$1,000..	128 203	181 287	-29.3
Hired farm labor.....\$1,000..	124 732	98 335	26.8
Interest expense <sup>3</sup> .....\$1,000..	189 200	263 323	-28.1
Livestock and poultry inventory:			
Cattle and calves.....farms..	53 544	58 236	-8.1
.....number..	4 537 774	4 673 900	-2.9
Milk cows.....farms..	2 828	4 504	-37.2
.....number..	90 499	108 021	-16.2
Hogs and pigs.....farms..	3 710	4 225	-12.2
.....number..	187 351	212 510	-11.8
Chickens 3 months old or older.....farms..	5 703	7 577	-24.7
.....number..	5 826 714	4 810 418	21.1
Selected crops harvested:			
Sorghum for grain or seed.....farms..	2 961	3 337	-11.3
.....acres..	339 368	468 269	-27.5
Wheat for grain.....farms..	18 644	22 999	-18.9
.....acres..	4 276 344	5 972 135	-28.4
Cotton.....farms..	2 913	2 848	2.3
.....acres..	360 299	414 312	-13.0
Soybeans for beans.....farms..	1 566	1 816	-13.8
.....acres..	229 887	265 487	-13.4
Peanuts for nuts.....farms..	1 088	1 290	-15.7
.....acres..	86 469	80 926	6.8
Hay--alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text).....farms..	32 196	31 688	1.6
.....acres..	1 920 000	1 684 013	14.0

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

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

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