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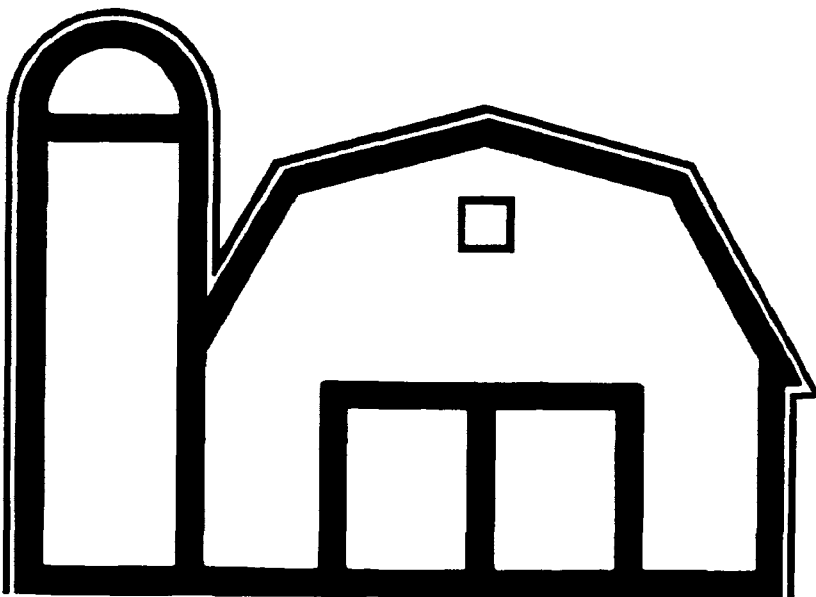
AC87-A-43

Volume 1
GEOGRAPHIC AREA SERIES

Part 43

Texas

State and County Data



U.S. Department of Commerce
BUREAU OF THE CENSUS

ACKNOWLEDGMENTS

This report was prepared in the Agriculture Division. Many other divisions contributed to this preparation: Data Preparation performed the clerical processing; Administrative Services provided the forms design and other administrative services; Publications Services contributed in publication planning and design, editorial review, composition, and printing procurement; Computer Services provided the computer processing facilities; Field provided selected data collection activities; Economic Programming prepared the computer programs; and Economic Surveys assisted in preparation of data collection and processing procedures and computer programs.

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.

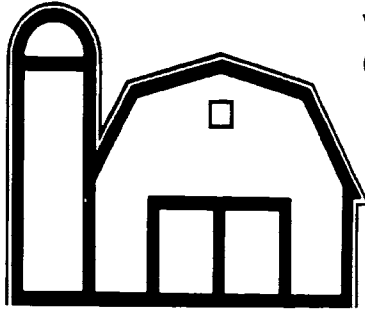
Members of various agencies of the U.S. Department of Agriculture provided valuable advice in the planning, publicizing, and processing phases of the census, and in helping farmers and ranchers complete the report forms.

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

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

If you have any questions concerning the statistics in this report, call:

(301) 763-8555 Division Chief
(301) 763-8567 Crops Branch
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(301) 763-1113 General Information
(301) 763-8558 Statistical Methodology



VOLUME 1
GEOGRAPHIC AREA SERIES

1987 Census of Agriculture

AC87-A-43
Changed November 1989

CHANGE SHEET Texas

Following are changes to the 1987 Census of Agriculture volume 1 publications:

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			
			Black	American Indian	Asian	Other (see text)
1987 OPERATOR CHARACTERISTICS						
Operators by days of work off farm:						
Any	6 656	3 721	1 968	222	45	1 428
100 to 199 days	1 297	688	387	33	14	234

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

Following are changes to appendix C:

Table G. **State Coverage Evaluation Estimates of Farms Not on the Mail List: 1987**

[During additional processing for coverage evaluation estimates, minor errors in estimates and relative standard errors were discovered for selected data items in some States. Corrected estimates will be published in *Volume 2, Subject Series, Part 2, Coverage Evaluation*]



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1987

Census of Agriculture

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Part 43
Texas
State and County Data

Issued July 1989



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CONTENTS

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

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	39
47. Farms by Concentration of Market Value of Agricultural Products Sold: 1987	40
48. Summary by Tenure of Operator: 1987	42
49. Summary by Type of Organization: 1987	52
50. Summary by Age and Principal Occupation of Operator: 1987	62
51. Summary by Size of Farm: 1987	82
52. Summary by Value of Agricultural Products Sold: 1987	102
53. Summary by Standard Industrial Classification of Farm: 1987	122

CHAPTER 2. County Data

1. County Summary Highlights: 1987	142
2. Market Value of Agricultural Products Sold and Farms by Standard Industrial Classification: 1987 and 1982	175
3. Farm Production Expenses: 1987 and 1982	241
4. Net Cash Return From Agricultural Sales, Government Payments, Other Farm-Related Income, and Commodity Credit Corporation Loans: 1987 and 1982	274
5. Farms, Land in Farms, and Land Use: 1987 and 1982	307
6. Harvested Cropland by Size of Farm and Acres Harvested: 1987 and 1982	373
7. Irrigation: 1987 and 1982	406
8. Machinery and Equipment on Place: 1987 and 1982	439
9. Agricultural Chemicals Used, Including Fertilizer and Lime: 1987 and 1982	472
10. Tenure and Characteristics of Operator and Type of Organization: 1987 and 1982	489
11. Cattle and Calves—Inventory and Sales: 1987 and 1982	555
12. Hogs and Pigs—Inventory, Litters, and Sales: 1987 and 1982	621
13. Sheep and Horses—Inventory and Sales: 1987 and 1982	654
14. Poultry—Inventory and Sales: 1987 and 1982	671
15. Selected Crops: 1987 and 1982	704
16. Farms With Sales of \$10,000 or More: 1987 and 1982	737
17. Milk Goats—Inventory and Sales: 1987 and 1982	886
18. Angora Goats—Inventory and Sales: 1987 and 1982	886
19. Mink and Their Pelts—Inventory and Sales: 1987 and 1982	*
20. Colonies of Bees and Honey—Inventory and Sales: 1987 and 1982	887
21. Fish Sales: 1987 and 1982	889
22. Miscellaneous Poultry—Inventory and Sales: 1987 and 1982	890
23. Miscellaneous Livestock and Animal Specialties—Inventory and Sales: 1987 and 1982	891
24. Grains—Corn, Sorghum, Wheat, and Other Small Grains: 1987 and 1982	894
25. Cotton, Tobacco, Soybeans, Dry Beans and Peas, Potatoes, Sugar Crops, and Peanuts: 1987 and 1982	904
26. Field Seeds, Grass Seeds, Hay, Forage, and Silage: 1987 and 1982	909
27. Vegetables, Sweet Corn, and Melons Harvested for Sale: 1987 and 1982	929
28. Fruits and Nuts: 1987 and 1982	947
29. Berries Harvested for Sale: 1987 and 1982	958
30. Nursery and Greenhouse Crops, Mushrooms, and Sod Grown for Sale: 1987 and 1982	959
31. Other Crops: 1987 and 1982	966
32. Farms Operated by Black and Other Races by Value of Sales and Occupation: 1987 and 1982	967
33. Farms Operated by Black and Other Races by Tenure: 1987 and 1982	969
34. Operators by Selected Racial Groups: 1987 and 1982	971
35. Operators of Spanish Origin: 1987 and 1982	975
36. Farms With Grazing Permits: 1987	977

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

*Not published for this State.

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..	188 788	185 020	2.0
Land in farms..... acres..	130 502 792	131 310 306	-6
Average size of farm..... acres..	691	710	-2.7
Value of land and buildings ¹ :			
Average per farm..... dollars..	374 742	386 138	-3.0
Average per acre..... dollars..	544	544	-
Farms by size:			
1 to 9 acres.....	12 770	10 899	17.2
10 to 49 acres.....	37 063	33 673	10.1
50 to 179 acres.....	57 666	58 198	-9
180 to 499 acres.....	39 143	40 246	-2.7
500 to 999 acres.....	19 327	19 962	-3.2
1,000 to 1,999 acres.....	12 629	12 047	4.8
2,000 acres or more.....	10 190	9 995	2.0
Harvested cropland..... farms..	110 358	110 341	(Z)
..... acres..	16 521 315	20 761 160	-20.4
Irrigated land..... farms..	19 806	19 775	.2
..... acres..	4 271 043	5 575 553	-23.4
Market value of agricultural products sold..... \$1,000..	10 548 907	8 936 363	18.0
Average per farm..... dollars..	55 877	48 299	15.7
Crops, including nursery and greenhouse crops..... \$1,000..	2 962 663	3 025 698	-2.1
Grains.....	927 163	1 586 089	-41.5
Cotton and cottonseed..... \$1,000..	1 192 328	667 550	78.6
Tobacco..... \$1,000..	-	-	-
Hay, silage, and field seeds..... \$1,000..	110 642	103 489	6.9
Vegetables, sweet corn, and melons..... \$1,000..	263 481	252 827	4.2
Fruits, nuts, and berries..... \$1,000..	61 319	95 795	-36.0
Nursery and greenhouse crops..... \$1,000..	239 235	174 138	37.4
Other crops..... \$1,000..	168 495	145 810	15.6
Livestock, poultry, and their products..... \$1,000..	7 586 244	5 910 665	28.3
Poultry and poultry products..... \$1,000..	669 165	451 248	48.3
Dairy products..... \$1,000..	545 163	474 089	15.0
Cattle and calves..... \$1,000..	6 039 565	4 675 979	29.2
Hogs and pigs..... \$1,000..	93 867	99 879	-6.0
Sheep, lambs, and wool..... \$1,000..	129 147	94 010	37.4
Other livestock and livestock products (see text)..... \$1,000..	109 337	115 461	-5.3
Farms by type of organization:			
Individual or family (sole proprietorship).....	167 602	164 243	2.0
Partnership.....	15 946	16 263	-1.9
Corporation.....	3 945	3 257	21.1
Other—cooperative, estate or trust, institutional, etc.....	1 295	1 257	3.0
Operators by principal occupation:			
Farming.....	83 684	79 900	4.7
Other.....	105 104	105 120	(Z)
Operators by days worked off farm:			
Any.....	113 615	113 183	.4
200 days or more.....	77 778	80 043	-2.8
Average age of operator..... years..	54.4	52.9	2.8
Total farm production expenses ¹ \$1,000..	8 911 631	(NA)	(NA)
Selected farm production expenses ¹ :			
Livestock and poultry purchased..... \$1,000..	3 134 939	2 356 028	33.1
Feed for livestock and poultry..... \$1,000..	1 565 112	1 562 467	.2
Commercial fertilizer ² \$1,000..	339 641	367 989	-7.7
Agricultural chemicals ² \$1,000..	246 176	208 539	18.0
Petroleum products..... \$1,000..	416 266	601 320	-30.8
Hired farm labor..... \$1,000..	630 271	480 462	31.2
Interest expense ³ \$1,000..	486 757	608 466	-20.0
Livestock and poultry inventory:			
Cattle and calves..... farms..	142 244	143 483	-9
..... number..	13 020 910	12 611 712	3.2
Milk cows..... farms..	5 899	8 721	-32.4
..... number..	356 538	323 039	10.4
Hogs and pigs..... farms..	7 717	9 484	-18.6
..... number..	527 942	559 590	-5.7
Chickens 3 months old or older..... farms..	13 201	16 871	-21.8
..... number..	19 601 318	15 061 107	30.1
Selected crops harvested:			
Corn for grain or seed..... farms..	9 131	9 192	-7
..... acres..	1 227 335	1 097 305	11.8
Sorghum for grain or seed..... farms..	15 935	20 348	-21.7
..... acres..	2 665 237	4 812 115	-44.6
Wheat for grain..... farms..	19 386	22 647	-14.4
..... acres..	3 649 104	5 087 248	-28.3
Rice..... farms..	1 212	1 157	4.8
..... acres..	299 388	520 896	-42.5
Cotton..... farms..	16 557	16 292	1.6
..... acres..	4 349 755	4 522 787	-3.8
Soybeans for beans..... farms..	1 118	3 245	-65.5
..... acres..	172 361	720 133	-76.1
Hay—alfalfa, other tame, small grain, wild, grass silage, green chop, etc. (see text)..... farms..	76 357	71 265	7.1
..... acres..	3 252 216	2 851 469	14.1

¹Data are based on a sample of farms.

²Data for 1987 include cost of custom applications.

³Data for 1982 do not include imputation for item nonresponse.