

July 29

1987

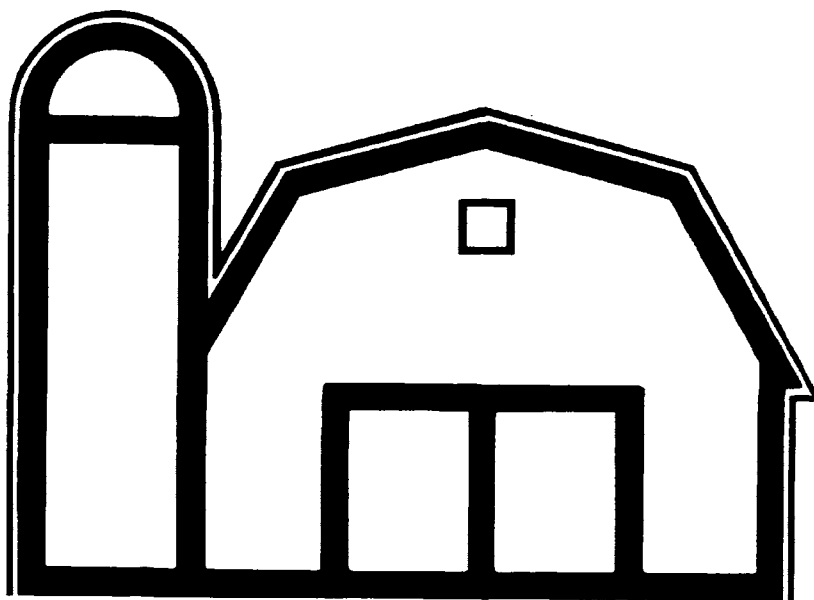
Census of Agriculture

AC87-S-3

Volume 2
SUBJECT SERIES

Part 3

Ranking of States and Counties



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 and Publications Services performed planning, design, composition, editorial review, and printing planning and procurement for publications and report forms; 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

(301) 763-8569 Livestock Branch

(301) 763-8566 Farm Economics Branch

(301) 763-1113 General Information

(301) 763-8558 Statistical Methodology

1987

Census of Agriculture

AC87-S-3

Volume 2
SUBJECT SERIES

Part 3

Ranking of States and Counties

Issued September 1990



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

BUREAU OF THE CENSUS
Barbara Everitt Bryant, Director



BUREAU OF THE CENSUS
Barbara Everitt Bryant, Director
C. L. Kincannon, Deputy Director

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

Thomas L. Mesenbourg, Chief,
Economic Census Staff

AGRICULTURE DIVISION
Charles P. Pautler, Jr., Chief

Library of Congress Cataloging-in-Publication Data

Census of agriculture (1987). Volume 2. Subject series.
1987 census of agriculture. Volume 2. Subject series.
p. cm.
"AC87-S-1 < -6 >"

Contents: pt. 1. Agricultural atlas of the United States—pt.
2. Coverage evaluation—pt. 3. Ranking states and counties—pt.
4. History—pt. 5. Government payments and market value of
agricultural products sold—pt. 6. Code tabulations of selected
items.

Supt. of Docs. no.: C 3.31/12:987/v.2pt.1

1. Agriculture—Economic aspects—United States—Statistics.
2. Agriculture—Economic aspects—United States—States—Statistics.
3. Agriculture—Economic aspects—United States—Territories and
possessions—Statistics. I. United States. Bureau of the Census.
II. Title.

HD1769.C46 1990
338.1'0973'021—dc20

89-600341
CIP

For sale by Superintendent of Documents, U.S. Government Printing
Office, Washington, DC 20402.

CONTENTS

Introduction	Page V
--------------------	-----------

TABLES

SELECTED MEASURES OF AGRICULTURE

1. Number of Farms: 1987 and 1982	1
2. Farms With Sales of \$100,000 or More: 1987 and 1982	2
3. Total Cropland: 1987 and 1982	3
4. Harvested Cropland: 1987 and 1982	4
5. Irrigated Land: 1987 and 1982	5
6. Irrigated Harvested Cropland: 1987 and 1982	6
7. Expenses for Feed for Livestock and Poultry: 1987 and 1982	7
8. Expenses for Commercial Fertilizer: 1987 and 1982	8
9. Expenses for Agricultural Chemicals: 1987 and 1982	9
10. Expenses for Hired Farm Labor: 1987 and 1982	10
11. Government Payments: 1987	11
12. Commodity Credit Corporation Loans: 1987 and 1982	12
13. Cropland Diverted Under Annual Commodity Programs: 1987 and 1982	13
14. Cropland in Conservation Reserve Program: 1987	14
15. Expenses For Petroleum Products: 1987 and 1982	15
16. Interest Expense: 1987 and 1982	16
17. Estimated Market Value of All Machinery and Equipment on Place: 1987 and 1982	17

VALUE OF AGRICULTURAL PRODUCTS SOLD

18. Market Value of Agricultural Products Sold: 1987 and 1982	18
19. Value of Livestock, Poultry, and Their Products Sold: 1987 and 1982	19
20. Value of Poultry and Poultry Products Sold: 1987 and 1982	20
21. Value of Dairy Products Sold: 1987 and 1982	21
22. Value of Cattle and Calves Sold: 1987 and 1982	22
23. Value of Hogs and Pigs Sold: 1987 and 1982	23
24. Value of Sheep, Lambs, and Wool Sold: 1987 and 1982	24
25. Value of Crops Sold, Including Nursery and Greenhouse Crops: 1987 and 1982	25
26. Value of Crops Sold Per Acre of Harvested Cropland: 1987 and 1982	26
27. Value of Vegetables, Sweet Corn, and Melons Sold: 1987 and 1982	27
28. Value of Fruits, Nuts, and Berries Sold: 1987 and 1982	28
29. Value of Nursery and Greenhouse Crops, Mushrooms, and Sod Sold: 1987 and 1982	29

LIVESTOCK, POULTRY, AND THEIR PRODUCTS—INVENTORY AND SALES

30. Cattle and Calves—Inventory: 1987 and 1982	30
31. Cows and Heifers That Had Calved—Inventory: 1987 and 1982	31
32. Beef Cows—Inventory: 1987 and 1982	32
33. Milk Cows—Inventory: 1987 and 1982	33
34. Cattle and Calves Sold: 1987 and 1982	34
35. Cattle Fattened on Grain and Concentrates Sold: 1987 and 1982	35
36. Hogs and Pigs—Inventory: 1987 and 1982	36
37. Hogs and Pigs Other Than Feeder Pigs Sold: 1987 and 1982	37
38. Feeder Pigs Sold: 1987 and 1982	38
39. Litters of Pigs Farrowed Between December 1 of Preceding Year and November 30 of Census Year: 1987 and 1982	39
40. Sheep and Lambs—Inventory: 1987 and 1982	40
41. Ewes 1 Year Old or Older—Inventory: 1987 and 1982	41
42. Sheep and Lambs Sold: 1987 and 1982	42
43. Horses and Ponies—Inventory: 1987 and 1982	43

	Page
44. Chickens 3 Months Old or Older—Inventory: 1987 and 1982	44
45. Hens and Pullets of Laying Age—Inventory: 1987 and 1982	45
46. Pullets Not of Laying Age Sold: 1987 and 1982	46
47. Broilers and Other Meat-Type Chickens Sold: 1987 and 1982	47
48. Turkeys Sold: 1987 and 1982	48

FIELD CROPS—QUANTITY AND ACRES HARVESTED

49. Corn Harvested for Grain or Seed: 1987 and 1982	49
50. Sorghum Harvested for Grain or Seed: 1987 and 1982	51
51. Wheat Harvested for Grain: 1987 and 1982	53
52. Barley Harvested for Grain: 1987 and 1982	55
53. Oats Harvested for Grain: 1987 and 1982	57
54. Rice Harvested: 1987 and 1982	59
55. Soybeans Harvested for Beans: 1987 and 1982	60
56. Peanuts Harvested for Nuts: 1987 and 1982	62
57. Dry Edible Beans Harvested, Excluding Dry Limas: 1987 and 1982	64
58. Cotton Harvested: 1987 and 1982	65
59. Tobacco Harvested: 1987 and 1982	67
60. Irish Potatoes Harvested: 1987 and 1982	69
61. Sugar Beets Harvested for Sugar: 1987 and 1982	71
62. Hay Harvested—Alfalfa, Other Tame, Small Grain, Wild, Grass Silage, and Green Chop: 1987 and 1982 ..	72
63. Alfalfa Hay Harvested: 1987 and 1982	74
64. Tame Hay Harvested Other Than Alfalfa, Small Grain, and Wild Hay: 1987 and 1982	76

VEGETABLES HARVESTED FOR SALE—ACREAGE

65. Vegetables Harvested for Sale: 1987 and 1982	78
66. Snap Beans Harvested for Sale: 1987 and 1982	79
67. Cucumbers and Pickles Harvested for Sale: 1987 and 1982	80
68. Lettuce and Romaine Harvested for Sale: 1987 and 1982	81
69. Green Peas, Excluding Green Cowpeas, Harvested for Sale: 1987 and 1982	82
70. Sweet Corn Harvested for Sale: 1987 and 1982	83
71. Tomatoes Harvested for Sale: 1987 and 1982	84
72. Watermelons Harvested for Sale: 1987 and 1982	85

FRUITS, PECANS, AND STRAWBERRIES

73. Land in Orchards: 1987 and 1982	86
74. Apples: 1987 and 1982	87
75. Cherries: 1987 and 1982	89
76. Grapefruit: 1987 and 1982	90
77. Grapes: 1987 and 1982	91
78. Oranges: 1987 and 1982	92
79. Peaches: 1987 and 1982	93
80. Pears: 1987 and 1982	95
81. Plums and Prunes: 1987 and 1982	96
82. Pecans: 1987 and 1982	97
83. Strawberries Harvested for Sale: 1987 and 1982	99

APPENDIXES

A. General Explanation	A-1
B. Report Form and Information Sheet	B-1

Publication Program Inside back cover

INTRODUCTION

	Page
HISTORY	VII
USES OF THE CENSUS	VII
AUTHORITY AND AREA COVERED	VII
FARM DEFINITION	VII
COMPARABILITY OF DATA	VII
TABULAR PRESENTATION	VII
QUALIFICATIONS OF DATA AND RANKINGS	VIII
CENSUS DISCLOSURE RULES	VIII
DEFINITIONS AND EXPLANATIONS	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 Islands 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.

TABULAR PRESENTATION

All of the tables in this report show data and rank for the leading agricultural States and counties for selected items from the 1987 and 1982 censuses. Statistics from all places qualifying as farms in the 1987 census are included. Also, accompanying each table are data showing the cumulative percent of the U.S. total as each leading State or county is ranked.

For all tables except one, the leading States or counties were determined by the value of the agricultural resource, inventory, or production item. The State or county with the largest value for the selected item was ranked first, the State or county with the next largest value, second, and so forth. However, Table 26, Value of Crops Sold Per Acre of Harvested Cropland (100 acres or more), was ranked on a

ratio of agricultural measures. This table shows States and counties ranked by the proportion of the gross value of crops sold to the total acres of harvested cropland for counties with 100 acres or more of harvested cropland.

Tables on all crop items except fruits and pecans harvested present the number of acres harvested along with the primary quantity of the harvested item, which determines the rank of State or county. The acres for fruits and pecans are total acres in the crop. The leading counties for the primary item are often not the same for the acres harvested, or acres in crop for fruits and pecans.

Comparative data and rank for the 1982 census are shown for the leading 1987 States and counties in most of the tables presented. Depending on the specified item ranked, the 1982 data and rank may be very similar to 1987.

Total lines for the leading States and counties show the sums of the data items for the States and counties listed. The crop tables show rank for both quantity harvested and acres harvested or acres in crop for fruits and pecans. In these tables the primary ranking of the States and counties is by quantity harvested. The related ranking of the acres harvested is also shown.

QUALIFICATIONS OF DATA AND RANKINGS

Data for the leading agricultural States and counties usually indicate agricultural areas of commercial importance. The leading counties usually account for a significant part of the U.S. total as shown by the cumulative statistics in each table. For certain specialty crops and fruits grown in a few areas, the leading counties account for nearly all the production. For other more widespread items such as alfalfa hay and cattle and calves on farms, the leading counties account for a smaller proportion of the U.S. totals.

It is important to note that the rank of counties is based only on data for the census year. Unusual weather or economic conditions during 1987 may have had a significant effect on the ranking of counties for certain items in certain areas. A ranking of counties based on the average of data for several years would undoubtedly show a number of differences in the rankings.

Occasionally the ranking of a county may be influenced by the assignment of all land, agricultural operations, and sales of farms with land in two or more counties to the county with the largest value of agricultural products raised or produced.

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.

DEFINITIONS AND EXPLANATIONS

Appendix A includes definitions and explanation of selected terms used in the tables.

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.
- (X) Not applicable.
- (NA) Not available.