

# Agriculture

## Contents

<i>Title (and Series)</i>	<i>Abstract No.</i>
<b>Introduction</b>	
<b>Data Products Issued October-December 1994</b>	
<b>General Data and Reference</b>	
American Agriculture: A Need to Know (VIDEOTAPE) .....	120
Guide to the 1992 Census of Agriculture and Related Statistics .....	122
Minutes and Reports of Committee Recommendations: Census Advisory Committee on Agriculture Statistics ...	124
The 1992 Census of Agriculture (AC92-R-1) .....	126
<b>1992 Census of Agriculture</b>	
<b>Geographic Series</b>	
Geographic Area Series—State and County Data (AC92-A) .....	130
Geographic Area Series: 1992 (CD-ROM) .....	132
Geographic Area Series: 1992 (Diskette) .....	134

## INTRODUCTION

A farmer may never see an agriculture census publication, which might cover anything from crop acreage to interest expense. But complete and accurate agricultural statistics help ensure the orderly marketing and distribution of agricultural products, benefiting farmers and consumers. The census is the only source of complete, consistent agricultural data for each county; it also includes such data for the States, and the United States.

Agricultural statistics are used by government, business, and other institutions. Federal, State, and local agencies use data for planning rural development, extension work, and agricultural research.

The Department of Agriculture, the Bureau of Labor Statistics, the Bureau of Economic Analysis, and other organizations use agriculture census data, collected every 5 years, as a benchmark for such current statistical series as the Gross National Product, Producer Price Index, and Farm Income Accounts. Congress uses census data in developing and revising farm programs.

Farm cooperatives, commodity and trade associations, and agribusiness use the data to assist in locating new factories or service and distribution centers, allocating research funds, forecasting markets, selecting marketing areas, and making advertising and other marketing decisions. This improves farmers' access to markets and suppliers, too.

## Censuses and Surveys

The need for agricultural statistics has long been recognized. The Federal government took a census of agriculture every 10 years from 1840 to 1920 and every 5 years from 1925 through 1974. Until 1950, the government took the censuses of population, housing, and agriculture together in years ending in "0."

From 1954 to 1974, the Bureau took a census of agriculture for the years ending in "4" and "9." In 1976, Congress authorized a census of agriculture for 1978 and 1982 and for years ending in "2" and "7" after that. This made the agriculture census coincide with the economic censuses covering manufacturing, mining, construction, retail trade, wholesale trade, service industries, and selected transportation activities.

Since 1969, censuses have been taken by mail; most earlier censuses were conducted by personal interview. (The census of 1978 was taken by a combination

of both.) The censuses of 1982, 1987, and 1992 used regional report forms, with regions based on the main crops raised in each group of States.

The definition of a farm for the census has changed over the years. Since the 1978 census, a "farm" has meant any place that produced and sold (or normally would have sold) agricultural products for \$1000 or more.

In addition to the census, a variety of related surveys have covered subjects such as irrigation, drainage, agricultural economics, and land ownership.

The Census Bureau also reported on cotton ginnings through the 1991 crop year. Since then the data have been collected and disseminated by the U.S. Department of Agriculture's National Agricultural Statistics Service, telephone 202-720-2127

## What Does the Census Cover?

The first agriculture censuses of 1840 and 1850 asked farmers about livestock only in terms of the number of cattle, milk cows, and working oxen. The censuses also covered the production of Indian corn, pounds of cheese made, pounds of silk cocoons, gallons of wine produced, and other items. Many questions asked in recent censuses have been similar to those asked in earlier years.

As the Nation's agriculture expanded westward, the acreage under cultivation grew. Also over the years, mechanization, specialization, and complexity increased. The scope of the census of agriculture had to expand at the same time in order to keep pace with these rapid developments.

The Census Bureau reviews the purpose, content, and necessity for the data in preparing every census. In recent years, the Bureau has asked only basic, essential questions of all farms, along with some other questions asked of about one farm in four.

For 1992, the Bureau collected data in the 50 States on these main subjects:

Figure 6. TABLE FROM 1992 CENSUS OF AGRICULTURE, VOLUME 1, GEOGRAPHIC AREA SERIES (UTAH)

**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.....	13 520	14 066	-3.9
Land in farms..... acres.....	9 624 463	9 989 073	-3.7
Average size of farm..... acres.....	712	710	.3
Estimated market value of land and buildings <sup>1</sup> :			
Average per farm..... dollars.....	347 982	302 838	14.9
Per acre..... dollars.....	491	422	16.5

Figure 7. FIGURE FROM 1992 CENSUS OF AGRICULTURE, VOLUME 1, GEOGRAPHIC AREA SERIES (UTAH)

Figure 2. Percent of Farms and of Market Value of Agricultural Products Sold: 1992

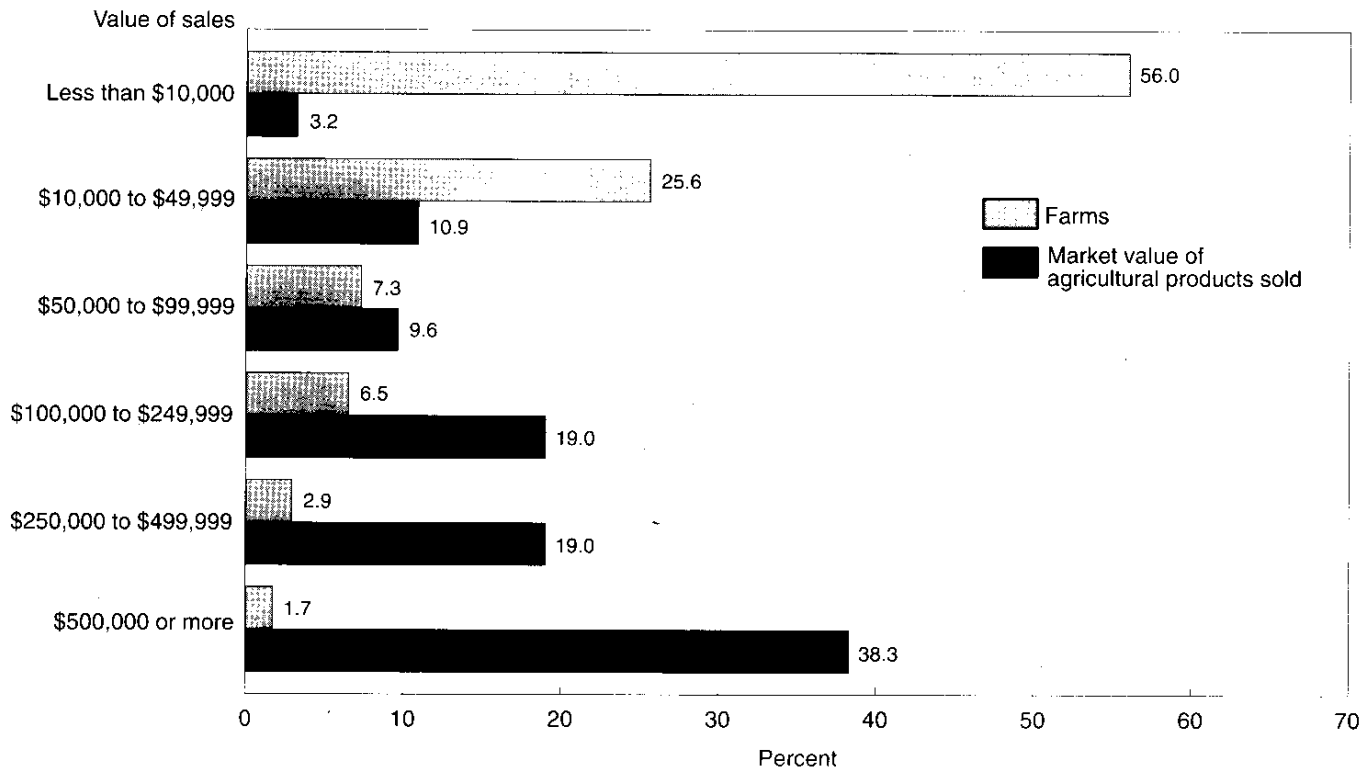


Figure 8. TABLE FROM 1987 CENSUS OF AGRICULTURE, VOLUME 1, GEOGRAPHIC AREA SERIES (UTAH)

Table 7. Harvested Cropland by Size of Farm and Acres Harvested: 1992 and 1987

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

Farms with harvested cropland		Utah	Beaver	Box Elder	Cache	Carbon	Daggett	Davis
Farms..... number, 1992.....		10 173	165	847	994	122	21	427
..... number, 1987.....		10 752	172	904	1 027	159	26	490
..... acres harvested, 1992.....		1 043 347	27 149	171 708	120 044	5 592	3 544	18 573
..... acres harvested, 1987.....		1 076 886	29 118	170 579	113 433	5 760	5 905	20 783
<b>HARVESTED CROPLAND BY SIZE OF FARM</b>								
1992 size of farm:								
1 to 9 acres..... farms.....		1 073	4	85	72	13	-	109
..... acres harvested.....		3 938	24	304	264	66	-	(D)
10 to 49 acres..... farms.....		2 809	32	181	274	31	2	165
..... acres harvested.....		44 800	680	3 445	811	37	-	2

- Acreage
- Crops
- Fruit and nut production
- Vegetables
- Nursery and greenhouse products
- Value of sales
- Farm related income
- Land use
- Irrigation, irrigation organizations
- Type of organization
- Livestock and poultry
- Animal specialties
- Characteristics and occupation of operator
- Use of fertilizers, pesticides, and other chemicals
- Expenditures for interest, production items, and energy
- Machinery and equipment
- Market value of land and buildings

Inventory figures cover December 31, 1992, and data on citrus crops are from the bloom of 1991. Generally, farms reported all other information for calendar year 1992.

The content of the 1992 census is similar to the 1987 census, with more information on farm-related income, participation in Federal programs, and production costs.

**For more recent references to agriculture data products, see the section entitled Data Products Issued October-December 1994, below.** Listings of subsequent releases appear in the *Monthly Product Announcement* and the *Daily List* (see abstracts numbered 44 and 15.5, respectively). In addition, the online service, Agridata network (1-800-558-9044), supplies the latest data via personal computers.

**NOTE—The number above the abstracts makes the indexes easier to use. It should not be used for ordering products.**

## DATA PRODUCTS ISSUED OCTOBER-DECEMBER 1994

The following data products were issued during the last quarter of 1994. Abstracts for some may appear in this chapter; generally, though, they were published too late for an abstract to be prepared. **Unless noted otherwise, these data products may still be ordered from the Government Printing Office (GPO). Orders should include the GPO Stock**

**Number. However, availability is subject to change and reports may be superseded. For the latest ordering information, contact Customer Services, Bureau of the Census (301-457-4100).**

This list excludes periodicals issued more often than once a year. Any such periodicals are described later in this chapter and listed in appendix A.

Reports carried in full or in part on CENDATA, our online information service, are identified by the word "CENDATA" in brackets at the end of the report listing.

### (100)

## 1992 Census of Agriculture

### AC92-A. Volume 1. Geographic Area Series [CENDATA]

1. Alabama. 514 pp. \$28. GPO S/N 803-010-00054-4.
2. Alaska. 244 pp. \$8.50. GPO S/N 803-010-00055-2.
3. Arizona, State and County Data. 300 pp. \$16. GPO S/N 803-010-00056-1.
4. Arkansas, State and County Data. 536 pp. \$28. GPO S/N 803-010-00057-9.
5. California, State and County Data. 524 pp. \$28. GPO S/N 803-010-00058-7.
10. Georgia. 832 pp. \$37. GPO S/N 803-010-00063-3.
11. Hawaii. 260 pp. \$15. GPO S/N 803-010-00064-1.
18. Louisiana. 508 pp. \$27. GPO S/N 803-010-00071-4.
23. Minnesota. 582 pp. \$30. GPO S/N 803-010-00076-5.
24. Mississippi. 558 pp. \$30. GPO S/N 803-010-00077-3.
26. Montana, State and County Data. 466 pp. \$25. GPO S/N 803-010-00079-0.
27. Nebraska, State and County Data. 614 pp. \$32. GPO S/N 803-010-00080-3.
28. Nevada, State and County Data. 306 pp. \$18. GPO S/N 803-010-00081-1.
31. New Mexico. 390 pp. \$21. GPO S/N 803-010-00084-6.
33. North Carolina. 638 pp. \$34. GPO S/N 803-010-00086-2.
34. North Dakota, State and County Data. 474 pp. \$26. GPO S/N 803-010-00087-1.
36. Oklahoma. 562 pp. \$30. GPO S/N 803-010-00089-7.
40. South Carolina. 432 pp. \$23. GPO S/N 803-010-00093-5.
41. South Dakota, State and County Data. 504 pp. \$27. GPO S/N 803-010-00094-3.
43. Texas (Part 43A, 628 pp.; Part 43B, 632 pp.). \$40 per set. GPO S/N 803-010-00096-0.
51. United States, Summary and State Data. 544 pp. \$29. GPO S/N 803-010-00104-4.

© 1992 Census of Agriculture, Geographic Area Series, Disc 1A. \$150 for single disc purchased separately or \$200 for 2-disc subscription (Discs 1A and 1B). Disc 1A covers 27 States (CO, CT, DE, FL, ID, IL, IN, IA, KS, ME, MD, MA, MI, MO, NH, NJ, NY, OH, OR, PA, RI, VT, VA, WA, WV, WI, and WY) and their counties. Disc 1B will include all 50 States, the United States, and Puerto Rico.

## GENERAL DATA AND REFERENCE

This section includes not only minutes for meetings and guides to data but also products presenting statistics based on varied sources.

Other chapters also include agricultural data. The General and Reference chapter cites "agriculture" in some abstracts in the economic and general statistics sections, for example. Similarly, some abstracts in the Population chapter cite people on farms. The Foreign Trade chapter includes products that report on agricultural imports and exports. For data products in various chapters, see references under "Agriculture" in the Subject Index.

### (120)


#### *American Agriculture: A Need to Know (VIDEOTAPE)*

*Subject content*—Illustrates highlights and describes products from the 1987 agriculture census. This VHS videotape includes information on the number of farms sold, farms with sales of \$10,000 or more, characteristics of farm operators, and value of products sold. The videotape also describes all the printed publications and machine-readable products available from the agriculture census and surveys.

13 1/2 minutes. 1990. \$10.

Available from Customer Services.




**New! (122)** **Guide to the 1992 Census of Agriculture and Related Statistics**

*Subject content*—Describes many agriculture data sources. The 1992 Census of Agriculture is the only source offering comparable county by county data and classifying farms by size, tenure, age and principal occupation of operator, and value of sales.

After discussing this census and its principal product series, the guide features other Census Bureau sources. For example, it notes such topics as race and income of farmers from population surveys and dairy products from the census of manufactures. The Guide identifies reference collections and other sources of data products and assistance.

54 pp. 1994. \$3.75.


Contact Customer Services for the latest ordering information. Not available on microfiche.

**New! (124)** **Minutes and Reports of Committee Recommendations: Census Advisory Committee on Agriculture Statistics**

*Subject content*—Presents minutes of the Census Advisory Committee on Agriculture Statistics meeting generally held each year by the Census Bureau. The reports cover a wide range of topics including agriculture census and survey content and methodology. The reports feature recommendations by the advisory committee and the Census Bureau's responses.

A series of reports in progress. Pages vary. Single copies free.

Available from Agriculture Division, Room 437—Iverson Mall, Bureau of the Census, Washington, D.C. 20233. Not available on microfiche.

**(126)** **The 1992 Census of Agriculture (AC92-R-1)**

*Subject content*—Provides a brief introduction to the Census of Agriculture. The brochure, released before the census was taken, describes some uses of the data as well as some aspects of the procedures. For example, it shows how the Census Bureau determined which questions to ask. Also, the brochure lists planned census reports and data files.

8 pp. 1992. Single copies free.

Contact Customer Services for the latest ordering information. Not available on microfiche.

**Residents of Farms and Rural Areas**

See abstract number 1208 in the Population chapter.

**Product Profile No. 11. 1992 Census of Agriculture—Data for States and Counties**

See abstract number 52 in the General and Reference chapter.

**1992 CENSUS OF AGRICULTURE**

The 1992 Census of Agriculture enumerated farms in the United States. (See additional background information at the beginning of the chapter.) Census data products released through September 1994 are described below. Additional products for the 1992 census are reported in the Data Products Issued October-December 1994 section above. (See abstract number 100.) (The 1992 census was collected during the first half of 1993.)

The reports include statistics on number of farms, farm characteristics, livestock, poultry, livestock and poultry products, crops, and irrigation. Other 1992 final reports will include a State and county ranking report, an agricultural atlas, and estimates of the completeness of the census.

The series volume may be represented by a letter(s), noted here, rather than a volume number:

**Volume 1, Geographic Series (A)**

**Volume 2, Subject Series (S)**

**Volume 3, Related Surveys (RS)**

**Volume 4, Horticultural specialties (HOR)**

Other numbers in series designations may indicate "Parts" of a volume.

The Census Bureau is able to prepare data to meet user specifications. Sponsors must cover all costs for specially prepared work. For more information call 800-523-3215.

For further information, call the Agriculture Information Office toll free at 800-523-3215 or Customer Services at 301-457-4100. Also you may order a guide to the census (see abstract number 122). For information about the 1987 census, see the *Census Catalog and Guide: 1994* or call one of the above numbers.

**Geographic Series****New! (130)**   **Geographic Area Series—State and County Data (AC92-A-1 to 54)**

*Data time span*—1987 and 1992, with some comparative data for earlier years.

*Geographic areas covered*—United States, States, counties, and outlying areas.

*Subject content*—Contains data on farms, farm characteristics, and farm products. These reports provide detailed data in national and State tables for the United States and in county and State tables for each State. In addition, tables provide selected data for Puerto Rico, Guam, and the Virgin Islands of the United States.

They also include data on number of farms, land use, irrigation, crops, livestock, poultry, value of farm products sold, farms classified by specified characteristics, expenses, and operator characteristics.

Also shown are selected 1992 State data cross-tabulated by various farm classifications, such as size of farm, tenure of operator, type of organization, market value of agricultural products sold, age and principle occupation of operator, and standard industrial classification. Comparable 1987 data are included for many tables.

NOTE—This is Volume 1, Geographic Area Series.

A series of 54 paperbound reports, one for each State, the United States, Puerto Rico, Guam, and the Virgin Islands. Price for the complete series, \$557. The following reports were issued through September 1994. Contact Customer Services for the latest ordering information. Also available in part online (through CENDATA, see page 2).

6. **Colorado.** 478 pp. \$26. GPO Stock No. 803-010-00059-5.

7. **Connecticut.** 282 pp. \$16. GPO Stock No. 803-010-00060-9.

8. **Delaware.** 268 pp. \$15. GPO Stock No. 803-010-00061-7.

9. **Florida.** 514 pp. \$28. GPO Stock No. 803-010-00062-5.

12. **Idaho.** 418 pp. \$23. GPO Stock No. 803-010-00065-0.

13. **Illinois.** 622 pp. \$24. GPO Stock No. 803-010-00066-8.

14. **Indiana.** 620 pp. \$33. GPO Stock No. 803-010-00067-6.

15. **Iowa.** 620 pp. \$32. GPO Stock No. 803-010-00068-4.

16. **Kansas.** 638 pp. \$34. GPO Stock No. 803-010-00069-2.


17. **Kentucky.** 712 pp. \$35. GPO Stock No. 803-010-00070-6.

19. **Maine.** 314 pp. \$18. GPO Stock No. 803-010-00072-2.

20. **Maryland.** 338 pp. \$19. GPO Stock No. 803-010-00073-1.

21. *Massachusetts*. 294 pp. \$17. GPO Stock No. 803-010-00074-9.
22. *Michigan*. 590 pp. \$31. GPO Stock No. 803-010-00075-7.
25. *Missouri*. 684 pp. \$35. GPO Stock No. 803-010-00078-1.
29. *New Hampshire*. 288 pp. \$16. GPO Stock No. 803-010-00082-0.
30. *New Jersey*. 338 pp. \$19. GPO Stock No. 803-010-00083-8.
32. *New York*. 494 pp. \$27. GPO Stock No. 803-010-00085-4.
35. *Ohio*. 688 pp. \$32. GPO Stock No. 803-010-00088-9.
37. *Oregon*. 412 pp. \$22. GPO Stock No. 803-010-00090-1.
38. *Pennsylvania*. 526 pp. \$28. GPO Stock No. 803-010-00091-9.
39. *Rhode Island*. 254 pp. \$14. GPO Stock No. 803-010-00092-7.
45. *Vermont*. 286 pp. \$16. GPO Stock No. 803-010-00098-6.
46. *Virginia*. 626 pp. \$33. GPO Stock No. 803-010-00099-4.
47. *Washington*. 408 pp. \$22. GPO Stock No. 803-010-00100-1.
48. *West Virginia*. 442 pp. \$24. GPO Stock No. 803-010-00101-0.
49. *Wisconsin*. 548 pp. \$29. GPO Stock No. 803-010-00102-8.
50. *Wyoming*. 310 pp. \$18. GPO Stock No. 803-010-00103-6.

---

**New! (132) **

---

**Geographic Area Series: 1992 (CD-ROM)**

*Data time span*—1992, with comparative data for earlier years (State file includes 1987; county file includes 1987 and 1982).


*Geographic areas covered*—United States, States, and counties.

*Subject content*—Similar to Volume 1. *Geographic Area Series, State and County Data* (AC92-A). See abstract number 130.

The CD-ROM's include all 50 States and the United States.

CD-ROM's \$150. Initial release, 1994. The technical documentation is included on the CD-ROM as an ASCII formatted file. Order from Customer Services.

---

**New! (134) **

---

**Geographic Area Series: 1992 (Diskette)**

*Geographic areas covered and subject content*—Similar to AC92-A. See abstract number 130.

Diskettes are available by special order from the Agriculture Division, telephone 800-523-3215.

# MONTHLY PRODUCT ANNOUNCEMENT

A way to know about  
new products from the  
**BUREAU OF THE CENSUS**

The Monthly Product Announcement is a free list describing all Census Bureau products that become available each month. Included are order forms for requesting materials from the Census Bureau and the U.S. Government Printing Office. To subscribe, use the Census Bureau (Publications) order form at the back of this Catalog/Guide.

# *Build Your Business*

*with books from  
the U.S. Government!*

*Whether you're interested in  
exporting . . . selling to the Government . . .  
accounting and taxation . . . patents and  
trademarks . . . or general business . . .  
you'll find the best the Government has  
to offer in this FREE catalog of business  
books available for sale from the  
Superintendent of Documents.*

*For your FREE catalog, write to:  
Free Business Catalog  
U.S. Government Printing Office  
Office of Marketing—Stop SM  
Washington, DC 20401*

