

**U. S. Department of Commerce**  
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**Bureau of the Census**  
*Robert W. Burgess, Director*

# United States Census of Agriculture: 1954

**Volume III**  
**SPECIAL REPORTS**

**Part 3**

**Alaska, Hawaii, Puerto Rico, District of Columbia, and  
U. S. Possessions**

Prepared under the supervision of

**RAY HURLEY**

**Chief, Agriculture Division**

**FARM CHARACTERISTICS •**

**LIVESTOCK and PRODUCTS • CROPS • FRUITS • VALUES •**



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## SUGGESTED IDENTIFICATION

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## PREFACE

Volume III, *Special Reports*, comprises a group of special compilations and summaries of data from the 1954 Census of Agriculture and from related surveys. Part 3 of Volume III, "Alaska, Hawaii, Puerto Rico, District of Columbia, and United States Possessions," presents statistics relating to agricultural inventories and production for the specified areas. The source of these statistics and the method of obtaining and assembling the data are described in the Introductory discussion for the several sections of the report.

The report was prepared in conformity with the act of Congress (Title 13, United States Code) approved August 31, 1954, which includes provisions for the mid-decade Censuses of Agriculture for the continental United States.

The compilation of the statistics was supervised by Ray Hurley, Chief, Agriculture Division, and Warder B. Jenkins, Assistant Chief. The assembly and the preparation of the tables, and much of the analysis of this report, were done under the supervision of Joseph A. Correll.

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# UNITED STATES CENSUS OF AGRICULTURE: 1954

## REPORTS

**Volume I.—Counties and State Economic Areas.**—Statistics for counties include number of farms, acreage, value, and farm operators; farms by color and tenure of operator; facilities and equipment; use of commercial fertilizer; farm labor; farm expenditures; livestock and livestock products; specified crops harvested; farms classified by type of farm and by economic class; and value of products sold by source.

Data for State economic areas include farms and farm characteristics by tenure of operator, by type of farm, and by economic class. Volume I is published in 33 parts as follows:

Part	State or States	Part	State or States	Part	State or States
1	New England States: Maine. New Hampshire. Vermont. Massachusetts. Rhode Island. Connecticut.	8 9 10 11 12 13	West North Central: Minnesota. Iowa. Missouri. North Dakota and South Dakota. Nebraska. Kansas.	21 22	East South Central—Continued Alabama. Mississippi.
2	Middle Atlantic States: New York. New Jersey. Pennsylvania.	14 15 16	South Atlantic: Delaware and Maryland. Virginia and West Virginia. North Carolina and South Carolina.	23 24 25 26	West South Central: Arkansas. Louisiana. Oklahoma. Texas. Mountain: Montana. Idaho.
3	East North Central: Ohio.	17	Georgia.	27	Wyoming and Colorado.
4	Indiana.	18	Florida.	28	New Mexico and Arizona.
5	Illinois.	19	East South Central: Kentucky.	29 30	Utah and Nevada.
6	Michigan.	20	Tennessee.	31	Pacific: Washington and Oregon.
7	Wisconsin.			32 33	California.

**Volume II.—General Report.**—Statistics by Subjects, United States Census of Agriculture, 1954. Summary data and analyses of the data for States, for Geographic Divisions, and for the United States by subjects as illustrated by the chapter titles listed below:

Chapter	Title	Chapter	Title
I	Farms and Land in Farms.	VII	Field Crops and Vegetables.
II	Age, Residence, Years on Farm, Work Off Farm.	VIII	Fruits and Nuts, Horticultural Specialties, Forest Products.
III	Farm Facilities, Farm Equipment.	IX	Value of Farm Products.
IV	Farm Labor, Use of Fertilizer, Farm Expenditures, and Cash Rent.	X	Color, Race, and Tenure of Farm Operator.
V	Size of Farm.	XI	Economic Class of Farm.
VI	Livestock and Livestock Products.	XII	Type of Farm.

### Volume III.—Special Reports

**Part 1.—Multiple-unit Operations.**—This report will be similar to Part 2 of Volume V of the reports for the 1950 Census of Agriculture. It will present statistics for approximately 900 counties and State economic areas in 12 Southern States and Missouri for the number and characteristics of multiple-unit operations and farms in multiple units.

**Part 2.—Ranking Agricultural Counties.**—This special report will present statistics for selected items of inventory and agricultural production for the leading counties in the United States.

**Part 3.—Alaska, Hawaii, Puerto Rico, District of Columbia, and U. S. Possessions.**—These areas were not included in the 1954 Census of Agriculture. The available current data from various Government sources will be compiled and published in this report.

**Part 4.—Agriculture, 1954, a Graphic Summary.**—This report will present graphically some of the significant facts regarding agriculture and agricultural production as revealed by the 1954 Census of Agriculture.

**Part 5.—Farm-mortgage Debt.**—This will be a cooperative study by the Agricultural Research Service of the U. S. Department of Agriculture and the Bureau of the Census. It will present, by States, data based on the 1954 Census of Agriculture and a special mail survey to be conducted in January 1956, on the number of mortgaged farms; the amount of mortgage debt, and the amount of debt held by principal lending agencies.

**Part 6.—Irrigation in Humid Areas.**—This cooperative report by

the Agricultural Research Service of the U. S. Department of Agriculture and the Bureau of the Census will present data obtained by a mail survey of operators of irrigated farms in 28 States on the source of water, method of applying water, number of pumps used, acres of crops irrigated in 1954 and 1955, the number of times each crop was irrigated, and the cost of irrigation equipment and the irrigation system.

**Part 7.—Popular Report of the 1954 Census of Agriculture.**—This report is planned to be a general, easy-to-read publication for the general public on the status and broad characteristics of United States agriculture. It will seek to delineate such aspects of agriculture as the geographic distribution and differences by size of farm for such items as farm acreage, principal crops, and important kinds of livestock, farm facilities, farm equipment, use of fertilizer, soil conservation practices, farm tenure, and farm income.

**Part 8.—Size of Operation by Type of Farm.**—This will be a cooperative special report to be prepared in cooperation with the Agricultural Research Service of the U. S. Department of Agriculture. This report will contain data for 119 economic subregions (essentially general type-of-farming areas) showing the general characteristics for each type of farm by economic class. It will provide data for a current analysis of the differences that exist among groups of farms of the same type. It will furnish statistical basis for a realistic examination of production of such commodities as wheat, cotton, and dairy products in connection with actual or proposed governmental policies and programs.

VOLUME III, PART 3

ALASKA, HAWAII, PUERTO RICO, DIS-  
TRICT OF COLUMBIA, AND UNITED  
STATES POSSESSIONS

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# ALASKA, HAWAII, PUERTO RICO, DISTRICT OF COLUMBIA, AND UNITED STATES POSSESSIONS

**Introduction.**—This publication brings together statistics relating to agricultural inventories and production for Alaska, Hawaii, Puerto Rico, District of Columbia, American Samoa, Guam, and the Virgin Islands. Wherever a choice was possible, the data for inventories represent the status near the close of 1954 while those for production are for the calendar year 1954. In this respect, they are complementary to the data gathered in the 1954 Census of Agriculture for the continental United States. Comparative data from earlier Censuses are presented for many of the items. In a few cases, pertinent data are given for an item for an earlier year when no data were available for 1954. This procedure was followed if the additional figures gave a more complete picture of the agriculture of the area.

This report was prepared in accordance with the act of Congress which provides for the mid-decade Censuses of agriculture for the United States mainland. That act states, in part:

“(a) The Secretary shall take, beginning in the month of October 1954, and in the same month of every tenth year thereafter, a census of agriculture. The census provided for by this section shall include each State, but, except as provided in subsection (b) of this section, shall not include the District of Columbia, Alaska, Hawaii, Puerto Rico, or such other areas or territory over which the United States exercises sovereignty or jurisdiction.

“(b) As to the areas excluded from the census provided for in subsection (a) of this section, the data available from various Government sources shall be included as an appendix to the report of such census.”

**Source of data.**—As just mentioned, the act of Congress, while excluding these specified areas from the 1954 Census of Agriculture, provided that the data available for these areas from various Government sources should be brought together and published. Therefore, early in 1955 a request was made by the Director of the Census to an official source—Experiment Station, Department of Agriculture, or Governor—to obtain all available data similar to those collected in previous periodic Censuses. As an example, the two significant paragraphs in the request made to

the Director of the Agricultural Experiment Station in Alaska are quoted verbatim:

“The act of Congress providing for the 1954 Census of Agriculture specifies that enumeration is to be conducted only in the continental United States, but that data available for Alaska and some other areas from ‘various government sources shall be included as an appendix to the report of such census.’

“Accordingly, we would like to receive from you any available data for Alaska similar to those collected for the periodic censuses of agriculture. We would appreciate it very much if you could provide for our report the available data for 1954 indicated in the enclosed tables for Alaska. We would also like to have a statement explaining how the data for 1954 were collected and compiled.”

The statistics shown in this volume were compiled from the responses to these letters and, in a limited degree, from other published reports of agriculture for these areas. A more detailed account of the source of data and how they were collected may be found in the introductory text for each area.

**Presentation of statistics.**—Each area, for which statistics are presented in this report, is treated as an entity. Its statistics are apart from those of other areas. There are no totals for all the areas as a group. For ease of reference, the areas have been arranged in alphabetical sequence.

In the case of Alaska and Guam data are presented for subdivisions of the area; both judicial divisions and geographic areas for Alaska, and municipalities for Guam. Percentages and averages have been utilized to make the information more useful.

**Comparability of data.**—The comparability of the data for an area is affected by the period of the year in which the enumeration or survey was made; the definition of a farm; and the number and the wording of the questions. The method used in obtaining agricultural information also has a direct bearing on the comparability of data. The most recent information was obtained partly by mail, partly by personal interview, and partly by estimation. Some information is presented regarding these factors in the discussion for each area.