

# 1982 Census of Agriculture

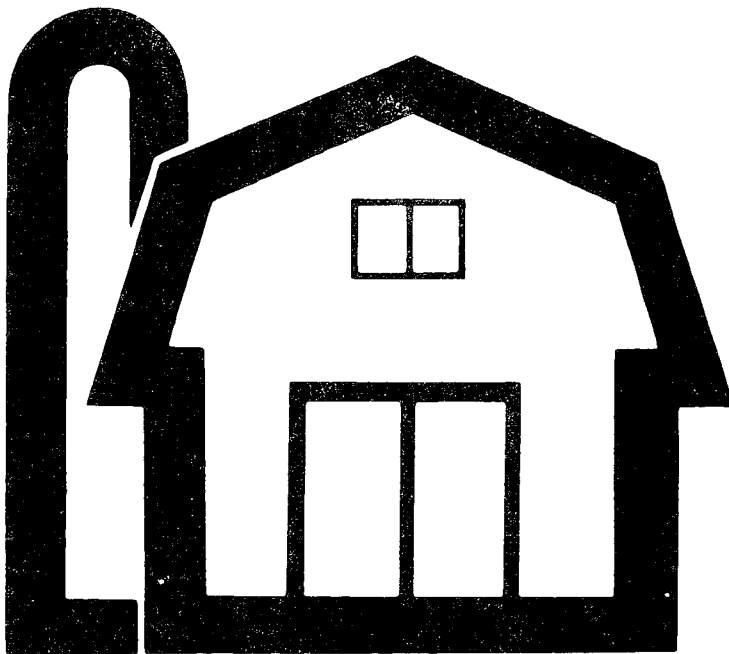
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Volume 1  
GEOGRAPHIC AREA SERIES

Part 52

## Puerto Rico



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U.S. Department of Commerce  
BUREAU OF THE CENSUS

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The publications  
from the 1982 Economic and  
Agriculture Censuses are dedicated  
to the memory of Shirley Kallek,  
Associate Director for Economic Fields.  
During her career at the Bureau of the  
Census (1955 to 1983), she continually  
directed efforts to improve  
the timeliness and accuracy of  
economic statistics.

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GEOGRAPHIC AREA SERIES

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## Puerto Rico

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Issued July 1984



**U.S. Department of Commerce**  
**Malcolm Baldrige**, Secretary  
**Clarence J. Brown**, Deputy Secretary  
**Sidney Jones**, Under Secretary for  
Economic Affairs

**BUREAU OF THE CENSUS**  
**John G. Keane**,  
Director

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**BUREAU OF THE CENSUS**  
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**AGRICULTURE DIVISION**  
**John H. Berry, Chief**

**ACKNOWLEDGMENTS**—Many persons participated in conducting the 1982 Census of Agriculture. Primary direction was by **Shirley Kallek**, Associate Director for Economic Fields (to May 1983); **Charles A. Waite**, her successor, and **Michael G. Farrell**, Assistant Director for Economic and Agriculture Censuses.

This report was prepared in the Agriculture Division under the general supervision of **Arnold L. Bollenbacher**, Chief (to June 1982) and **John H. Berry**, Chief (from July 1982).

The report form content was prepared by the Outlying Areas Branch of the Agriculture Division, Bureau of the Census, in cooperation with the Department of Agriculture of Puerto Rico.

Many census divisions contributed to this report. Administrative Services provided the forms design and other administrative services; Publications Services contributed in publication planning and design, editorial review, composition, and printing procurement; Geography provided the maps; Computer Services provided the computer processing facilities; and Field provided selected data collection activities.

Special tribute is paid to the thousands 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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If you have any questions concerning the statistics in this report, call (301) 763-5230.

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- b. Monies are paid by the Federal Government based in part on census data.
- c. Business persons can determine where and how much of their product they can sell, and measure other features of their market.
- d. Farmers compare their current size and performance with the size and performance of other farms in the same geographic area to determine how well they are doing.

## HISTORY

The 1982 Census of Agriculture is the 22d nationwide agricultural census. The first agricultural census data were collected in 1840 as a part of the sixth decennial census. From then to 1920, an agricultural census was taken as a part of each decennial census. Since 1920, a national agricultural census has been taken every 5 years.

The 1982 census is the 11th census of agriculture of Puerto Rico. The first census of agriculture was taken in 1910. From then to 1950, a census of agriculture was taken every 10 years in conjunction with the decennial censuses. In 1935, a special census of Puerto Rico was taken by the Puerto Rican Reconstruction Administration. In 1957, an amendment was made to the law to include Puerto Rico in the quinquennial national census of agriculture. The first census under this amendment was taken in 1959, separately from the 1960 decennial census. From 1959 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 to coincide with the 1982 Economic Censuses covering manufacturing, mining, construction, retail trade, wholesale trade, service industries, and selected transportation activities. After 1982, the agriculture census will revert to a 5-year cycle and be taken covering years ending in "2" and "7."

## USES OF THE CENSUS

This information is needed by the farmers of Puerto Rico, by their representatives, by the Government, and by many other groups of people who are concerned with food and agricultural production in Puerto Rico.

The census will provide a comprehensive inventory of the farms and their production. A great many uses are made of this basic census information.

- a. Agricultural programs can be evaluated and new programs started on the basis of farm statistics.

## AUTHORITY AND AREA COVERED

The 1982 Census of Agriculture was taken in accordance with the provisions of title 13, United States Code, reaffirmed by section 818 of the Agriculture and Consumer Protection Act of 1973 (Public Law 93-86). Section 142(a) and 191 of title 13 provide for a census of agriculture every 5 years in each State, the District of Columbia, Puerto Rico, Guam, and the Virgin Islands of the United States. The census data for Puerto Rico were collected in accordance with a Memorandum of Agreement prescribed or approved by the Director of the Bureau of the Census.

## FARM DEFINITION

The statistics collected in the census relate to places with agricultural operations qualifying as farms according to a new census definition. In Puerto Rico, this included all places from which \$500 or more of agricultural products were sold, or normally would have been sold, during the 12-month period between July 1, 1982, and June 30, 1983. Also, included were places of 10 cuerdas or more from which \$100 or more of agricultural products were sold, or normally would have been sold, during the period between July 1, 1982, and June 30, 1983.

This definition of a farm was changed since the last census. For 1978, operations qualifying as farms were all places of 3 cuerdas or more on which agricultural products other than vegetables for home consumption were produced, or on which any livestock or 15 chickens or more or other poultry, were kept on the place. Also, included were places of less than 3 cuerdas, if their gross sales during the census year or expected gross sales during the following year were \$100 or more.

## COMPARABILITY OF DATA

For better comparability of data, historical data shown in this publication have been revised to conform to the

new farm definition. Also, appendix B of this publication has 1978 data presented using both the old and new definitions for major items requested in the 1982 Census of Agriculture.

In efforts to reduce respondent burden, all farm operators were not required to provide data concerning home consumption, chemicals used, expenses, machinery and equipment, or hired farm labor. These items, which comprise sections 21 through 25 of the report form (appendix C), were requested of a sample of the farm operators that "qualified" through a set of screening questions. Appendix A gives a detailed explanation of this procedure.

Also, the method of collecting data was, as in 1978, carried out by a combination of mail and personal interviews. This does not affect the comparability. However, inclusion of some places of less than 3 cuerdas in the 1969, 1974, and 1978 censuses, and a difference in timing, affects the comparability of these censuses with that of earlier censuses.

## TABULAR PRESENTATION

The three major groups of tables presented in this report are:

**Puerto Rico**—Tables 1 through 15 present data for major items of all farms. Most data in these tables are accompanied by historical data for one or more censuses.

**Municipios**—Tables 16 through 68 present more detailed data for major items of all farms by municipios, listed alphabetically with totals for Puerto Rico and regions. Region totals are municipios that have been grouped geographically into five regions. The composition of the regions are as follows:

*Region 1*—Barranquitas, Bayamon, Canovanas, Carolina, Catano, Ceiba, Comerio, Corozal, Culebra, Dorado, Fajardo, Guaynabo, Loiza, Luquillo, Naranjito, Orocovis, Rio Grande, San Juan, Toa Alta, Toa Baja, Trujillo Alto, Vega Alta, and Vieques.

*Region 2*—Arecibo, Barceloneta, Camuy, Ciales, Florida, Hatillo, Lares, Manati, Morovis, Quebradillas, Utuado, and Vega Baja.

*Region 3*—Aguada, Aguadilla, Anasco, Cabo Rojo, Guanica, Hormigueros, Isabel, Lajas, Las Marias, Maricao, Mayaguez, Moca, Rincon, Sabana Grande, San German, and San Sebastian.

*Region 4*—Adjuntas, Arroyo, Coamo, Guayama, Guayanilla, Jayuya, Juana Diaz, Patillas, Penuelas, Ponce, Salinas, Santa Isabel, Villalba, and Yauco.

*Region 5*—Aguas Buenas, Aibonito, Caguas, Cayey, Cidra, Gurabo, Humacao, Juncos, Las Piedras, Maunabo, Naguabo, San Lorenzo, and Yabucoa.

**Summary**—Tables 69 through 74 show more detailed information for farms with sales of \$2,500 or more. Data in these tables are classified by tenure of operator, type of organization, main occupation and age of operator, size of farm, market value of agricultural products sold, and type of farm.

## 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 is not considered a disclosure, so this information may be given even though other information is withheld.

## DEFINITIONS AND EXPLANATIONS

Appendix A includes definitions and explanations of selected terms used in the tables, and a detailed explanation of enumeration periods.

## DOLLAR VALUES

All dollar values are expressed in current dollars, i.e., 1982 data are expressed in 1982 dollars and 1978 data in 1978 dollars. The dollar values have not been adjusted for changes in price levels between census years.

## INVENTORIES, PRODUCTION, AND SALES DATA

Inventories of livestock, poultry, and machinery and equipment are the number on hand as of July 1, 1983. Crop production, crop and livestock sales, and expense data are for the calendar year from July 1, 1982, to June 30, 1983.

## ABBREVIATIONS AND SYMBOLS

The following abbreviations and symbols are used throughout the tables:

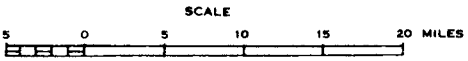
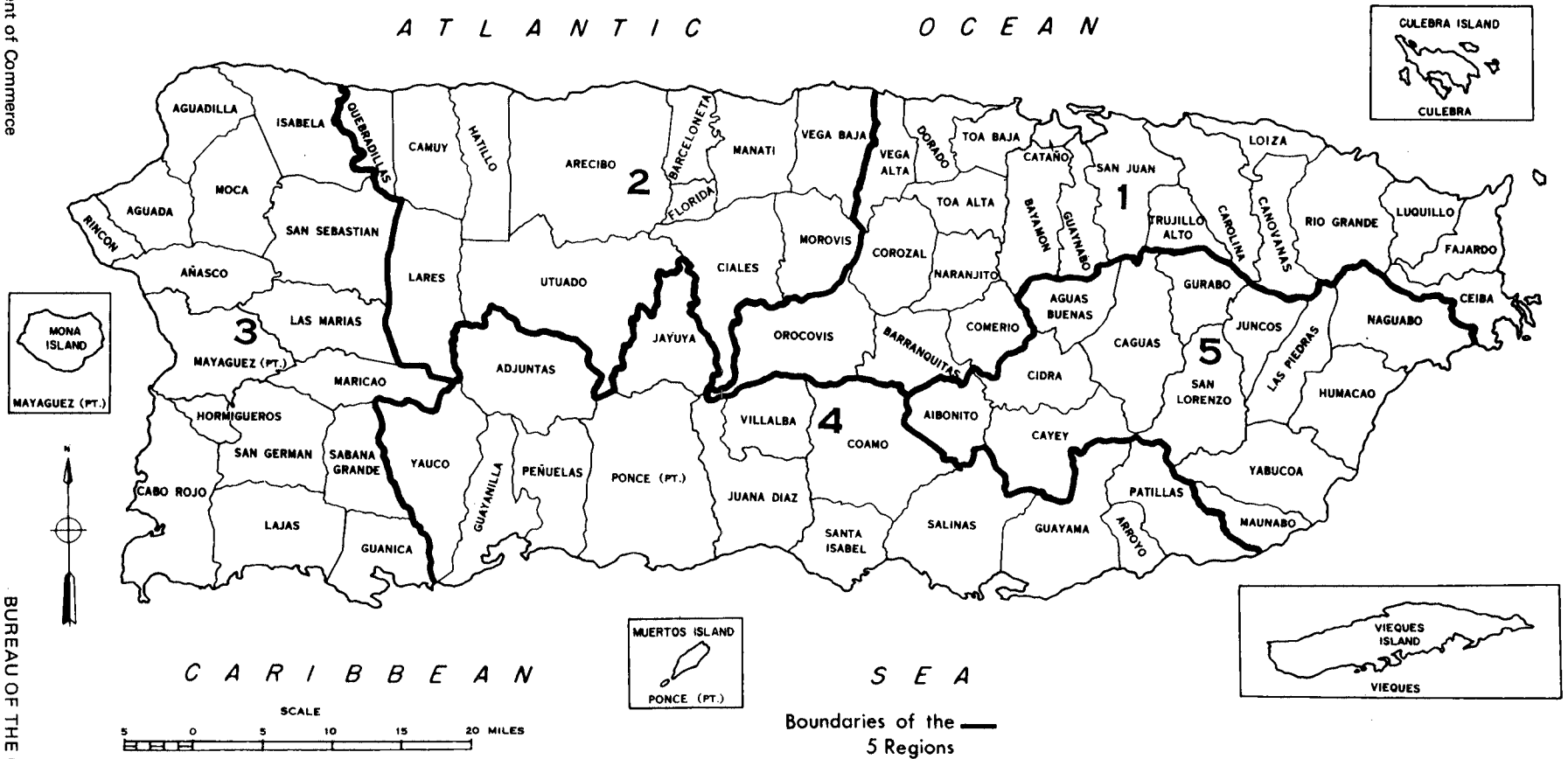
- Represents zero.
- (D) Withheld to avoid disclosing data for individual farms.
- (X) Not applicable.
- (Z) Less than half of the unit shown.
- (NA) Not available.
- cwt. Hundredweight.



**REGIONS AND MUNICIPIOS OF PUERTO RICO**

U.S. Department of Commerce

BUREAU OF THE CENSUS



Boundaries of the 5 Regions