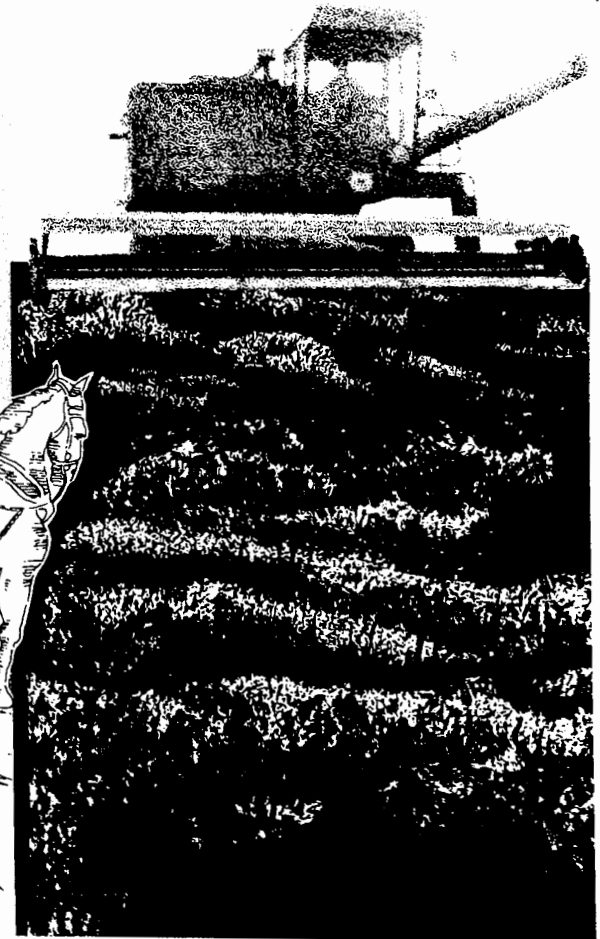
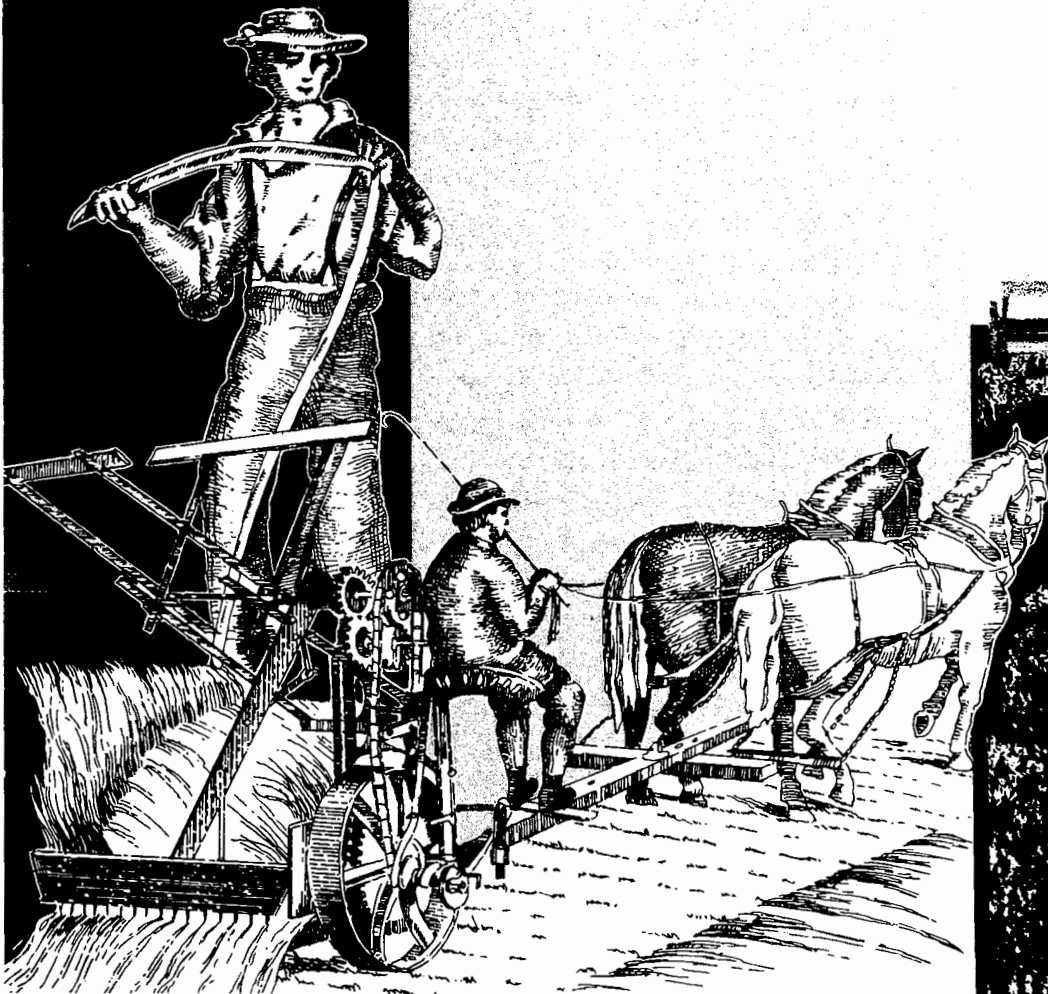


1974 Census of Agriculture

U.S. Department of Commerce
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Volume I Part 52

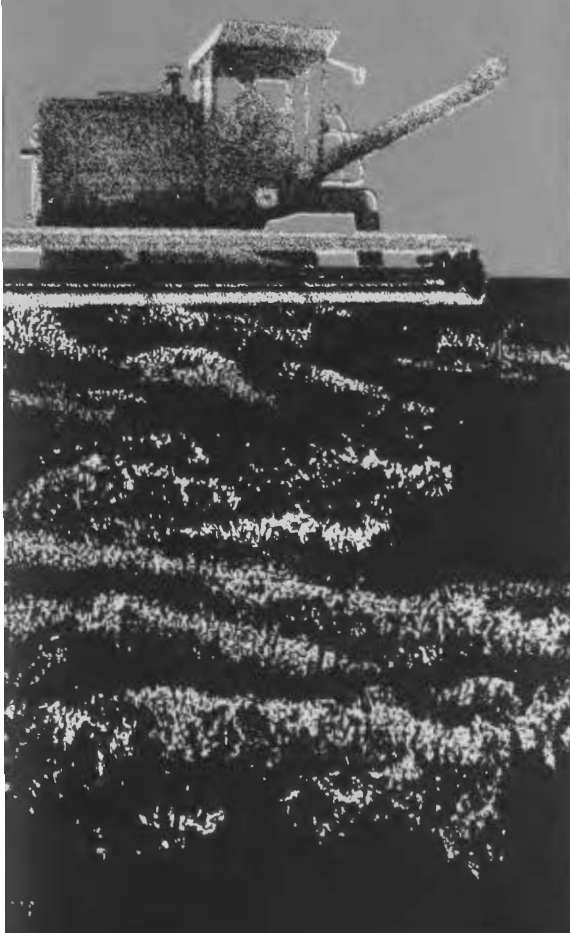
Puerto Rico



1974
Census
of
Agriculture

Volume I Part 52

Puerto Rico



Issued September 1977



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This report was prepared in the Agriculture Division, under the general direction of J. Thomas Breen, Division Chief (to February 1976) and Orvin L. Wilhite, his successor. Kenneth R. Norell, Assistant Chief for Special Surveys, Agriculture Division, participated in the overall planning and supervised the preparation of specifications and instructions for office processing and training materials, the development of enumeration procedures, and the technical review of statistics prior to their publication. Hector Vila, Chief of Outlying Areas Statistical Branch (to November 1976), made significant contributions to the planning and preparation of instructions and training materials for the enumeration and in the handling of technical problems in connection with the enumeration and office processing. Coordination of the various processing operations and the compilation of this report was carried out by William W. Perry, Special Assistant, Office of the Assistant Division Chief. Lidia R. Walters made significant contributions in the control of enumeration materials from the field, screening and editing of questionnaires, and processing of referrals in the San Juan census office.

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REPORTS OF 1974 CENSUS OF AGRICULTURE

Preliminary Reports. Four pages of data published separately for each county having 10 farms or more, and for each State, the four geographic regions, and the United States. *The statistics printed in these reports are superseded by those in the final reports, Volumes I through IV.*

Volume I, State and County Data. One for each State, Puerto Rico, Guam, and the Virgin Islands, covering the area and its subdivisions. The reports for the States contain data for all farms and farms with sales of \$2,500 and over. *Chapter I* contains detailed data at the State level classified by size of farm, tenure and age of farm operator, type of organization, value of products sold, and major type of farm; *Chapter II*, county data summarized by subject; *Chapter III*, county data by subject for miscellaneous crop and livestock items found in relatively few counties; *Chapter IV*, county data by county.

Volume II. Statistics by Subject. Chapters containing total data for the United States, geographic regions and divisions, and States, for all farms and farms with sales of \$2,500 and over.

Volume III. Agricultural Services. Data by county for each State covering establishments whose primary activities are providing agricultural services. Data at the U.S., State, and county levels for all establishments are presented for selected four-digit standard industrial classification codes by size and type of organization. Data shown include dollar volume of business, gross receipts from products provided, gross receipts, labor and payroll by type of service performed, capital expenditures, and expenditures for electricity, gasoline, petroleum, and other fuels.

Volume IV. Special Reports.

Part 1. Graphic Summary. Profiles the Nation's agricultural system in a series of U.S. maps, a number of which are printed in color. The characteristics of America's farms in 1974 are illustrated for crops, livestock, and many other characteristics.

Part 2. Ranking Counties and States. Reports on the top ranking 100 counties and 10 States in descending order of importance for 88 selected items for 1974 with comparative data for 1969.

Part 3. Coverage Evaluation. Shows the completeness of the agriculture census for States, geographic divisions, and the United States. Data also show the characteristics of farms missed by value of sales and by selected standard industrial (type-of-farm) classifications. Sampling reliability of the estimate of coverage is shown by value of sales classifications.

Part 4. Procedural History. A comprehensive summary of the procedures used in conducting the 1974 Census of Agriculture in the 50 States, Puerto Rico, Guam, and the Virgin Islands. The history explains the procedures used from early planning and testing through tabulation and publication of the final reports.

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INTRODUCTION

Authority, Area Covered, and History

The 1974 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). Sections 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.

The 1974 census is the 20th nationwide census of agriculture. The first agricultural census data were collected in 1840 as part of the sixth decennial census. From then to 1920, an agricultural census has been taken as a part of each decennial census and, since 1920, a national agricultural census has been taken every 5 years.

The first census of agriculture conducted in Puerto Rico by the United States was 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 Rico Reconstruction Administration. In 1957, an amendment was made to the law to include Puerto Rico in the quinquennial national census of agriculture, and the first census under this amendment was taken in 1959, separately from the 1960 decennial census.

This report presents totals of statistics obtained from farm operators in Puerto Rico during July, August, and September of 1975. An agriculture questionnaire was used to record the data obtained from each farm operator; it is reproduced in appendix B. Additional background and a description of the procedures followed in taking the census are presented in section 1 of appendix A.

Farm Definition

The statistics gathered in this census relate to places with agricultural operations

qualifying as farms according to the census definition. In Puerto Rico, these included 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 or more chickens 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

In general, data from the 1974 census and earlier censuses are comparable. Although the method of collecting data changed from personal interviews in earlier censuses to a combination of mail enumeration and personal interviews, the change does not affect comparability. However, inclusion of some places of less than 3 cuerdas in the 1969 and 1974 censuses, and a difference in timing, affects the comparability of some 1969 and 1974 data with that of earlier censuses.

Field enumeration for the 1974 Census of Agriculture in Puerto Rico began on July 1, 1975. An extensive supplemental mail enumeration (followup) procedure, described in section 2 of appendix A, extended the data collection phase through September 1976. Acreage, land use, location of land, crop and livestock production, irrigation, use of agricultural chemicals and fertilizers, expenses, and sales of farm products are all reported for the year 1974. Inventories for livestock, poultry, and other specified items are reported as of July 1, 1975.

Coverage

An extensive review and analysis of the data indicate that the coverage of the 1974 Census of Agriculture at the island and the municipio levels is equivalent to that of previous censuses.

Report Forms

One questionnaire was used in the 1974 Census of Agriculture in Puerto Rico as compared with two questionnaires in the 1969 census. The 1974 questionnaire had essentially the same questions as the 1969 A1 form. Most of the changes were made in the sections on land use and cattle and calves. They were made to improve the land use data and to obtain additional information on milk and egg operations.

The questionnaire was prepared by the staff of the Agriculture Division at the Census Bureau in cooperation with the Planning Board and Department of Agriculture of the Commonwealth of Puerto Rico.

Enumerators used "Listing Books" as aids in the enumeration. Use of these books is explained in section 1 of appendix A.

Tabular Presentation

Tables are presented in this report for Puerto Rico as a whole and for each of the municipios separately. Island tables 1 through 10 present data for major items for all farms and tables 11 through 16 show more detailed information for farms in economic classes 1 through 6. Municipio tables 1 through 43 present data for major items for all farms.

See Text, Explanation of Enumeration Periods

The headnote on all tables is explained in section 6 of appendix A.

Abbreviations and Symbols

—	Zero
D	Data withheld to avoid disclosing information for individual farms.
Z	Reported in small fractions.
X	Not applicable.
NA	Not available.

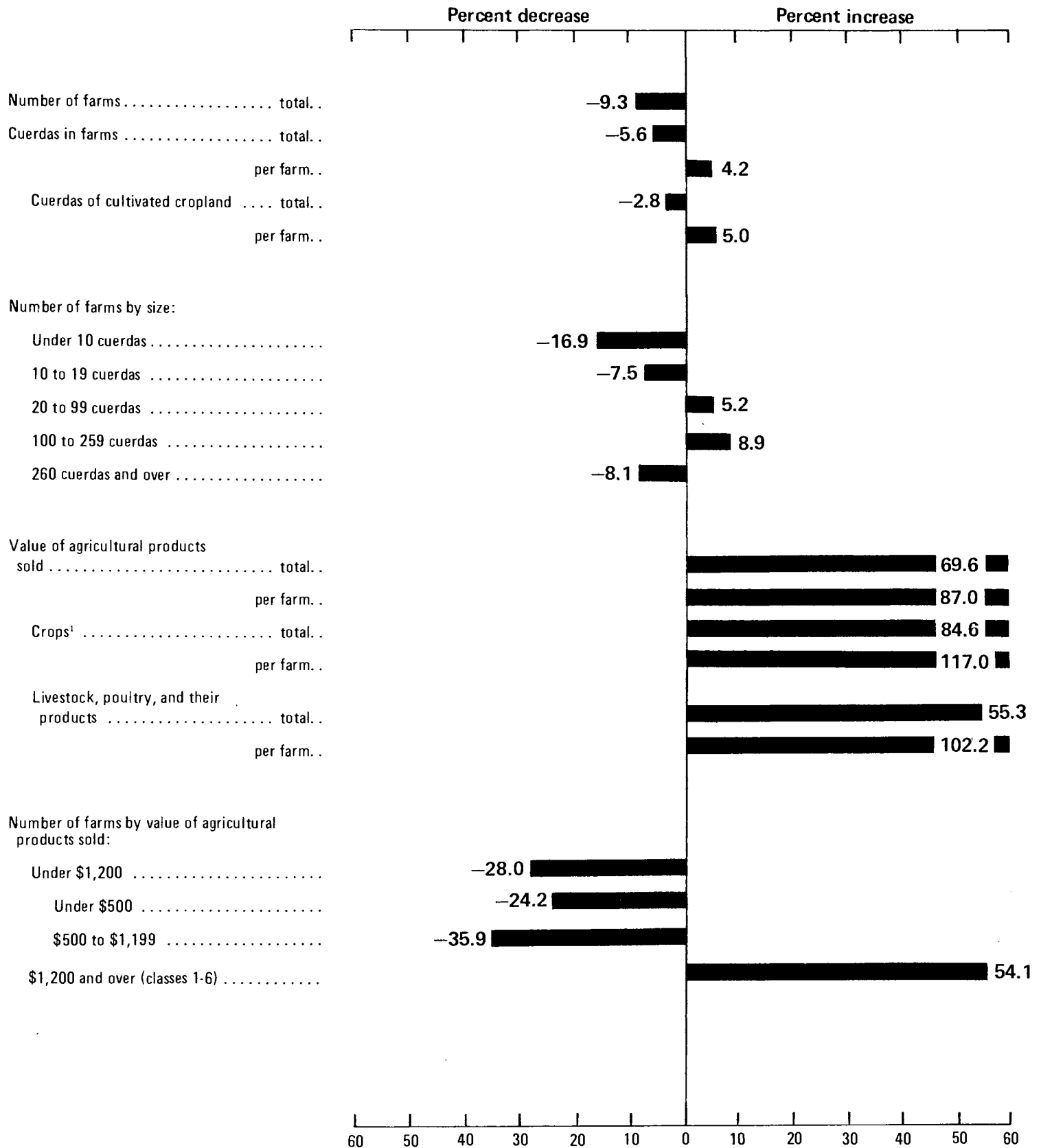
HIGHLIGHTS of Puerto Rico's Agriculture: 1974 and 1969

	All farms		Economic classes 1-6	
	1974	1969	1974	1969
Number of farms total	29,650	32,687	11,452	7,431
Cuerdas in farms total	1,259,917	1,334,800	1,040,247	1,001,333
. per farm	42.5	40.8	90.8	134.8
Cuerdas of cultivated cropland total	352,660	362,642	285,022	290,541
. per farm	14.8	14.1	29.8	46.9
Number of farms by size:				
Under 10 cuerdas	14,318	17,238	2,547	881
10 to 19 cuerdas	6,083	6,579	2,442	1,382
20 to 99 cuerdas	7,078	6,728	4,460	3,292
100 to 259 cuerdas	1,299	1,193	1,160	981
260 cuerdas and over	872	949	843	895
Machinery and equipment on farms—specified items (number):				
Jeeps and pickup trucks	} 10,792 {	(NA)	} 7,960 {	4,253
Motortrucks		(NA)		1,238
Tractors		3,143		(NA)
Value of agricultural products sold total	293,346,491	172,944,896	287,216,033	163,213,582
. per farm	9,894	5,291	25,080	21,964
Crops ¹ total	155,796,004	84,397,351	151,076,189	76,922,350
. per farm	7,591	3,498	16,104	12,475
Livestock, poultry, and their products total	137,550,487	88,547,545	136,139,844	86,291,232
. per farm	13,405	6,631	23,644	20,487
Farm income from farm-related sources ² total	16,231,710	(NA)	13,818,726	10,448,734
. per farm	2,194	(NA)	3,063	4,023
Number of farms by value of agricultural products sold:				
Under \$1,200	18,198	25,256	(X)	(X)
Under \$500	13,014	17,167	(X)	(X)
\$500 to \$1,199	5,184	8,089	(X)	(X)
\$1,200 and over (classes 1-6)	11,452	7,431	11,452	7,431
\$1,200 to \$2,499	3,955	2,890	3,955	2,890
\$2,500 to \$4,999	2,851	1,651	2,851	1,651
\$5,000 to \$7,499	1,103	667	1,103	667
\$7,500 to \$9,999	617	316	617	316
\$10,000 to \$19,999	997	537	997	537
\$20,000 and over	1,929	1,370	1,929	1,370
Value of agricultural products sold by farms having sales of:				
Under \$1,200	6,130,458	9,731,314	(X)	(X)
Under \$500	(NA)	3,124,712	(X)	(X)
\$500 to \$1,199	(NA)	6,606,602	(X)	(X)
\$1,200 and over (classes 1-6)	287,216,033	163,213,582	287,216,033	163,213,582
\$1,200 to \$2,499	6,922,991	5,090,960	6,922,991	5,090,960
\$2,500 to \$4,999	10,018,120	5,697,645	10,018,120	5,697,645
\$5,000 to \$7,499	6,687,513	4,043,080	6,687,513	4,043,080
\$7,500 to \$9,999	5,314,380	2,722,875	5,314,380	2,722,875
\$10,000 to \$19,999	13,937,920	7,525,524	13,937,920	7,525,524
\$20,000 and over	244,335,109	138,133,498	244,335,109	138,133,498
Farm production expenses—specified items (dollars):				
Feed for livestock and poultry	59,023,451	31,558,736	56,882,515	30,407,449
Commercial fertilizer	11,153,139	12,353,975	10,086,808	11,125,007
Chemicals (insecticides, herbicides, and fungicides)	4,314,565	(NA)	4,141,611	2,877,899
Wages and salaries	76,216,028	50,320,083	73,316,267	48,285,491

¹ Includes income from sales of nursery and greenhouse products, hay, and forest products.

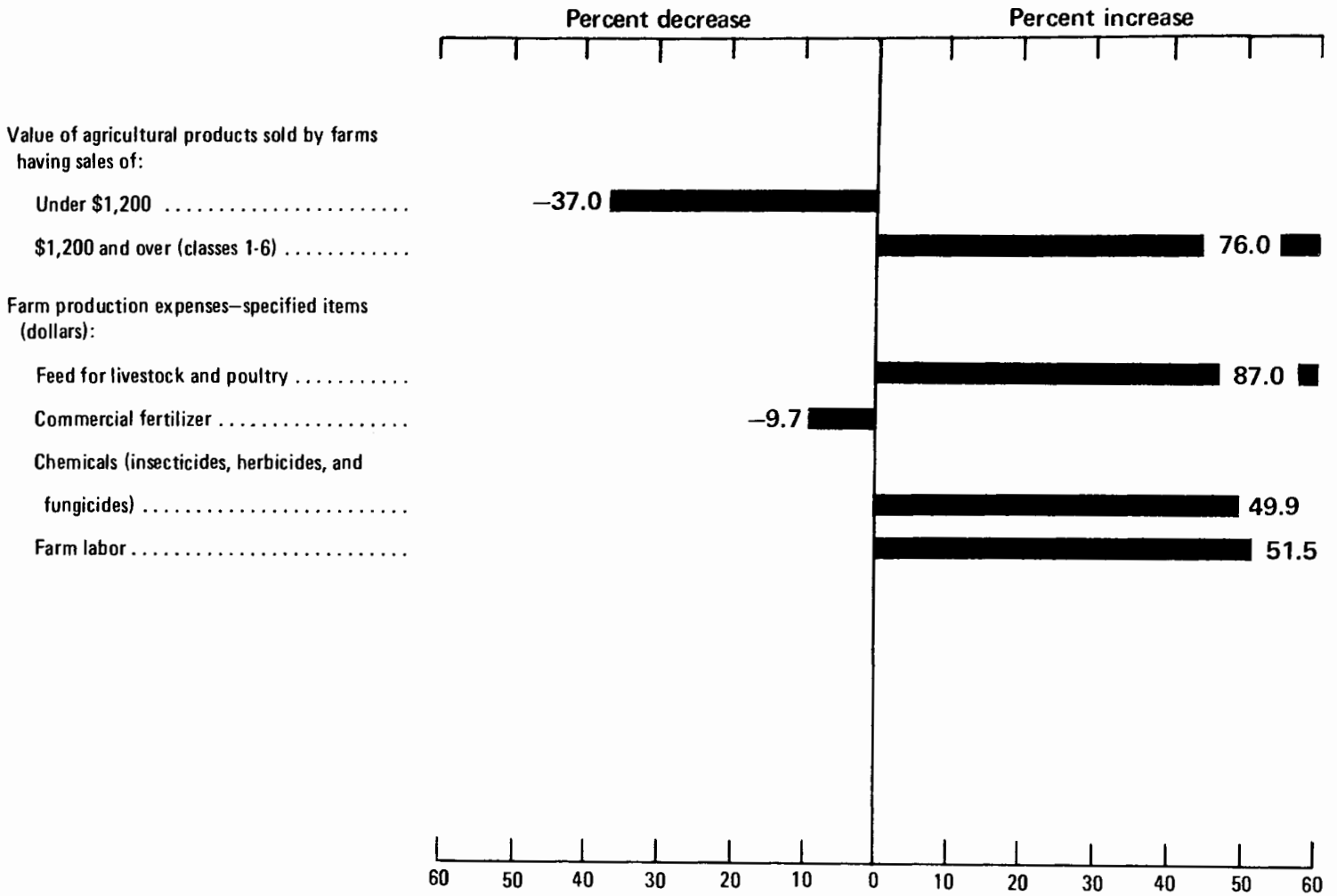
² Includes income from agricultural services provided, recreational services provided on the place, renting out farmland, and payments received for participation in Government farm programs.

CHART 1. Changes in Puerto Rico's Agriculture—All Farms: 1974 From 1969

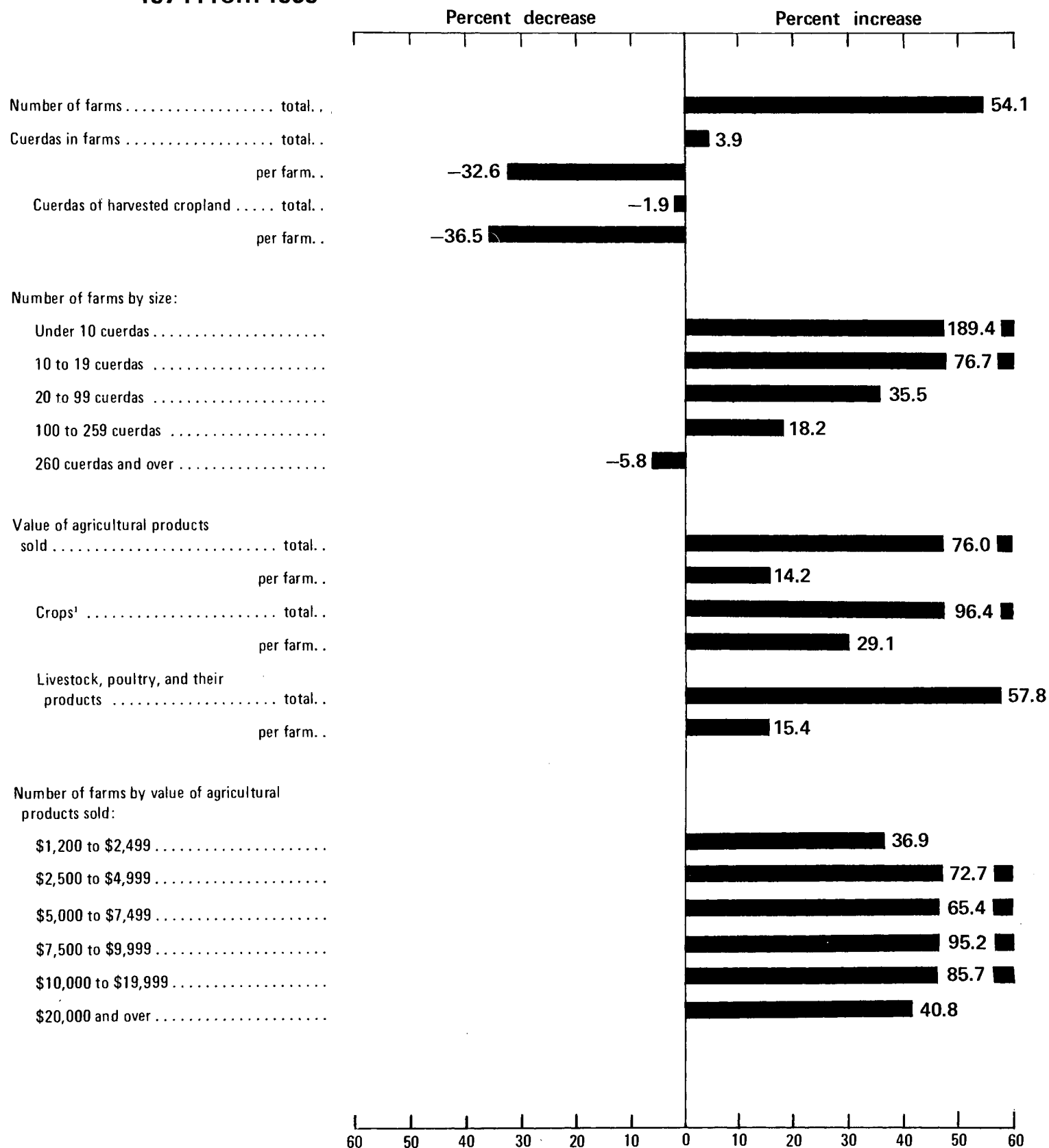


¹ Includes income from sales of nursery and greenhouse products, hay, and forest products.

CHART 1. Changes in Puerto Rico's Agriculture—All Farms: 1974 From 1969— Con.



**CHART 2. Changes in Puerto Rico's Agriculture—Economic Classes 1-6:
1974 From 1969**



¹ Includes income from sales of nursery and greenhouse products, hay, and forest products.

CHART 2. Changes in Puerto Rico's Agriculture — Economic Classes 1-6: 1974 From 1969 — Continued

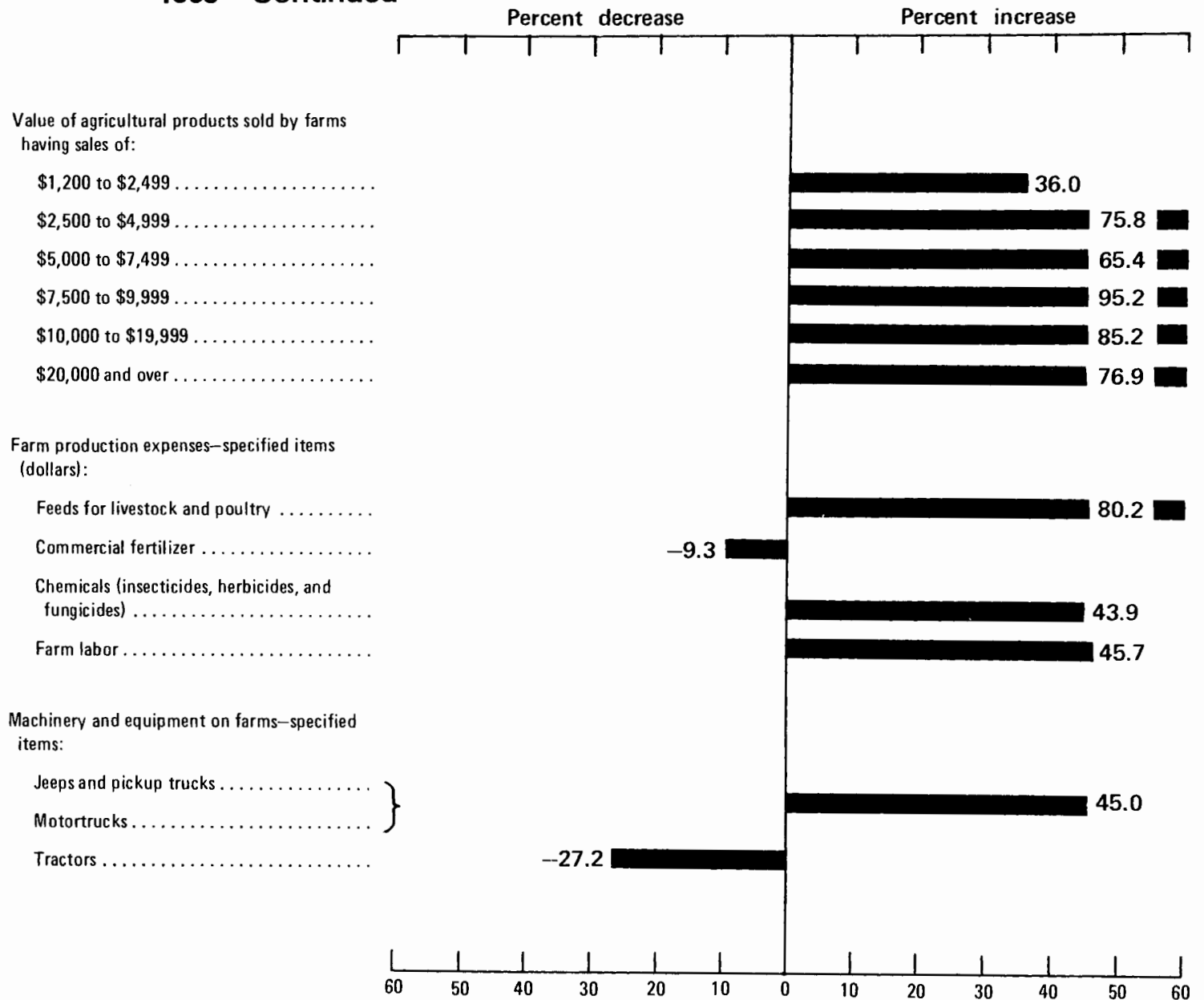


CHART 3. Profile of Puerto Rico's Agriculture— All Farms: 1974

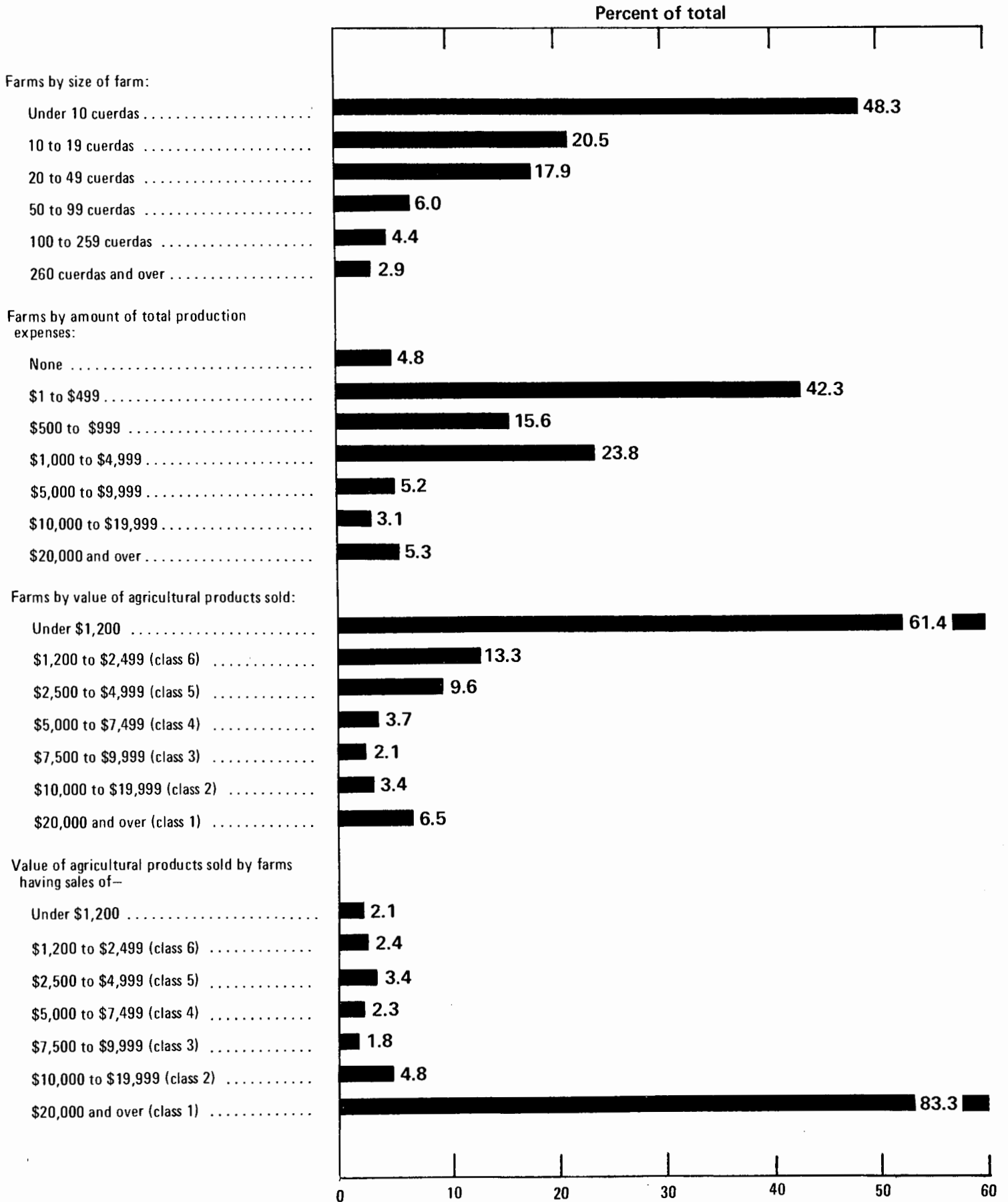
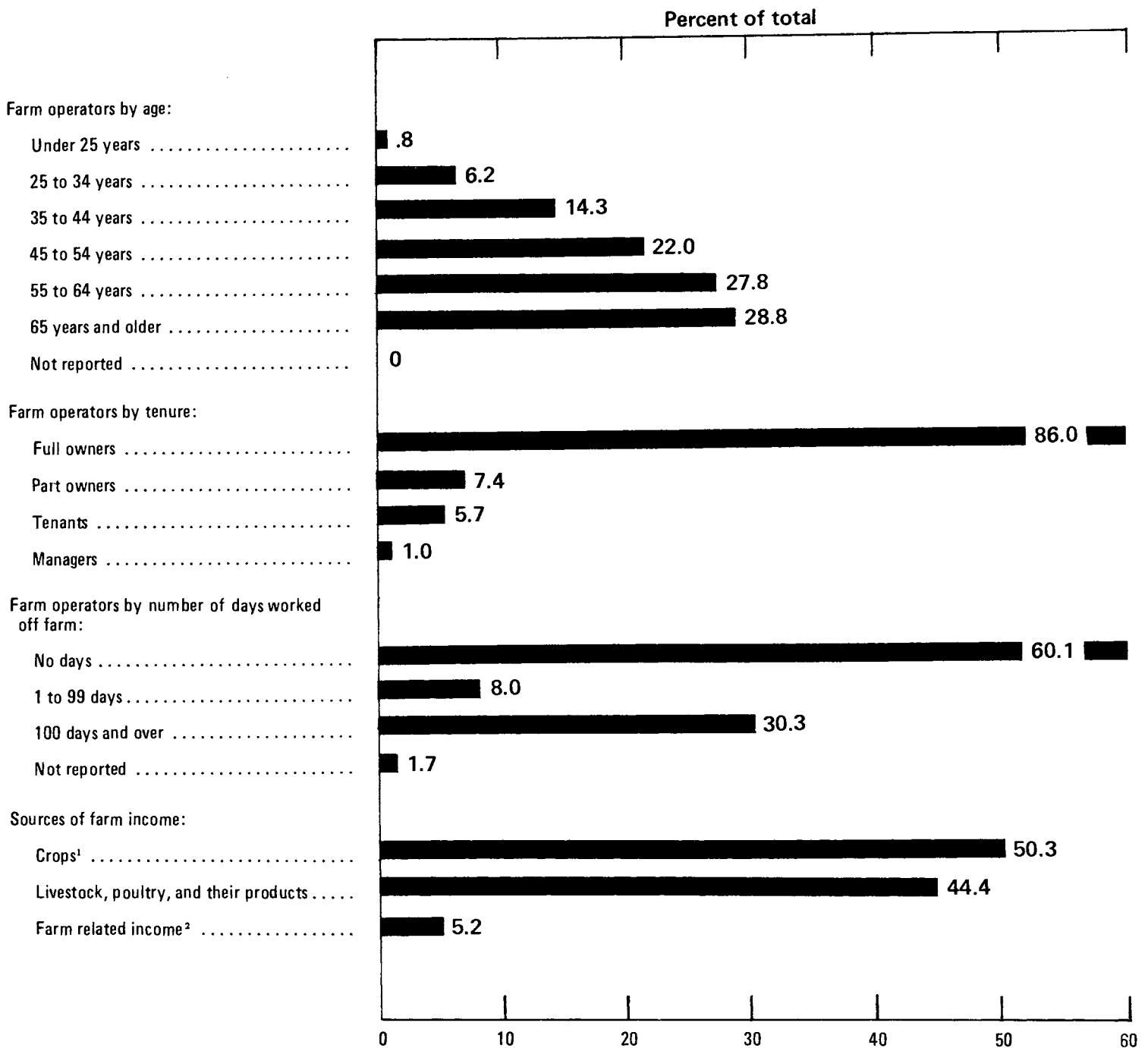


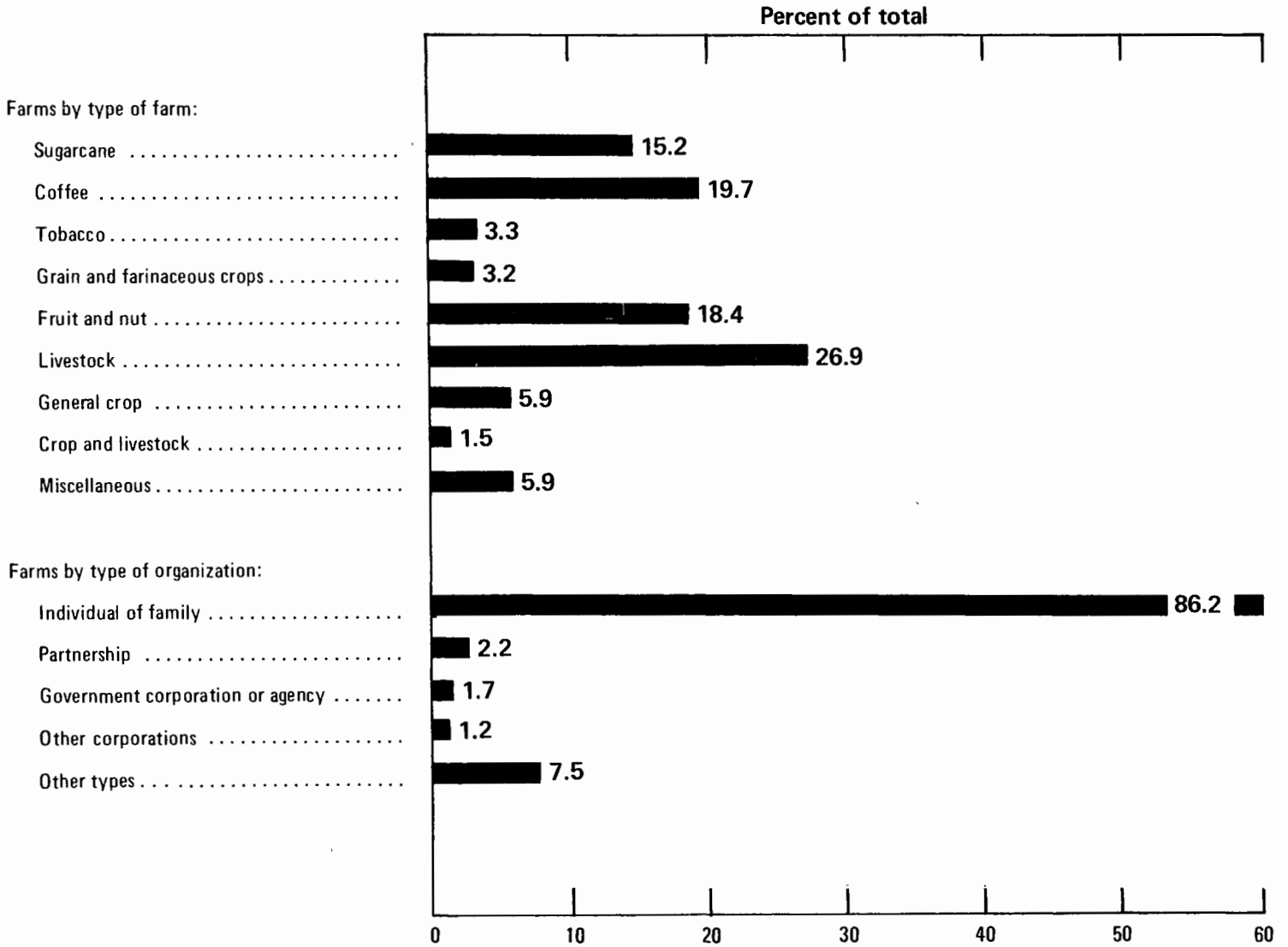
CHART 3. Profile of Puerto Rico's Agriculture—All Farms: 1974—Continued



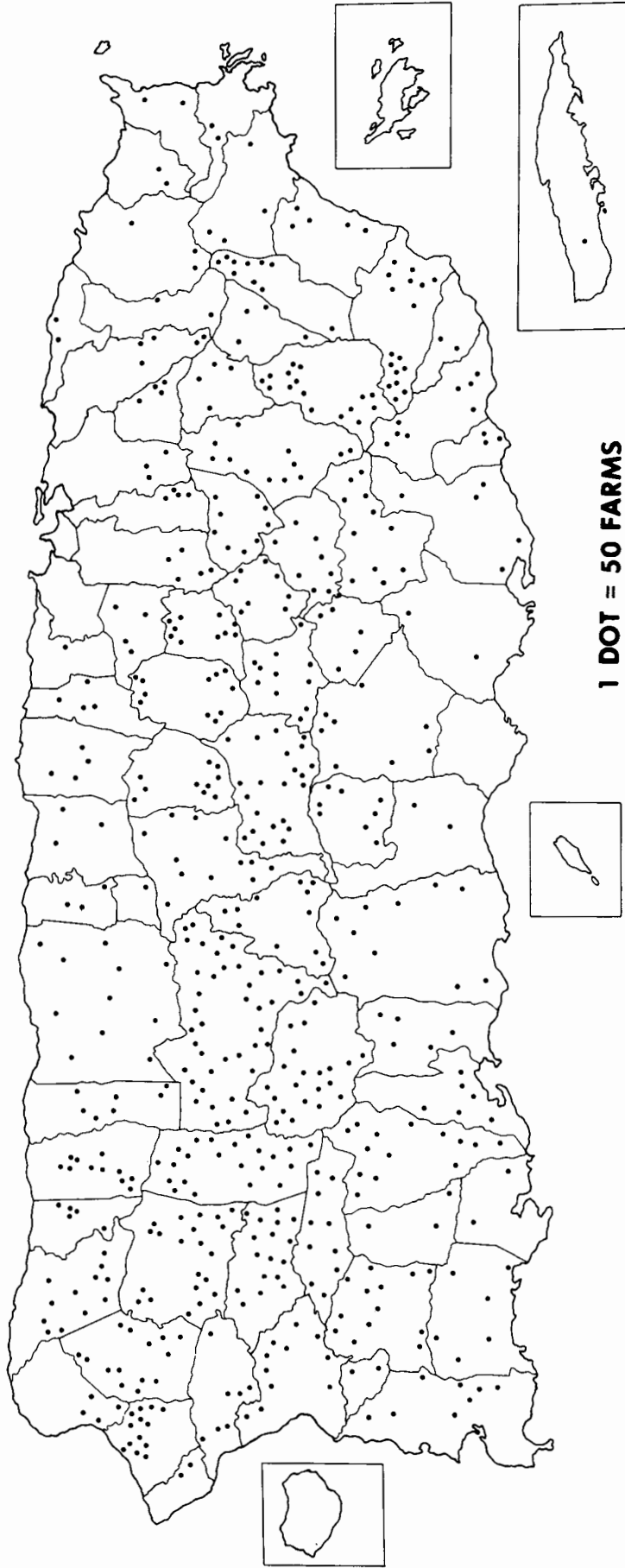
¹ Includes income from sales of nursery and greenhouse products, hay, and forest products.

² Includes agricultural services, recreational services on the place, and payments received for participation in Government farm programs.

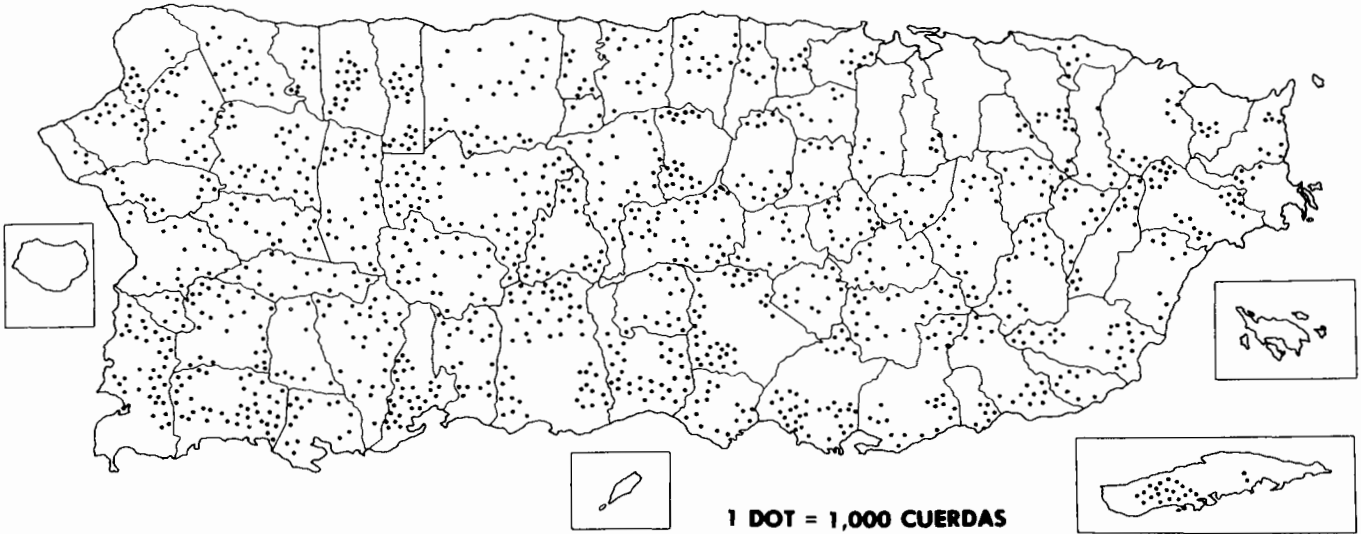
CHART 4. Profile of Puerto Rico's Agriculture—Economic Classes 1-6: 1974



NUMBER OF FARMS: 1974



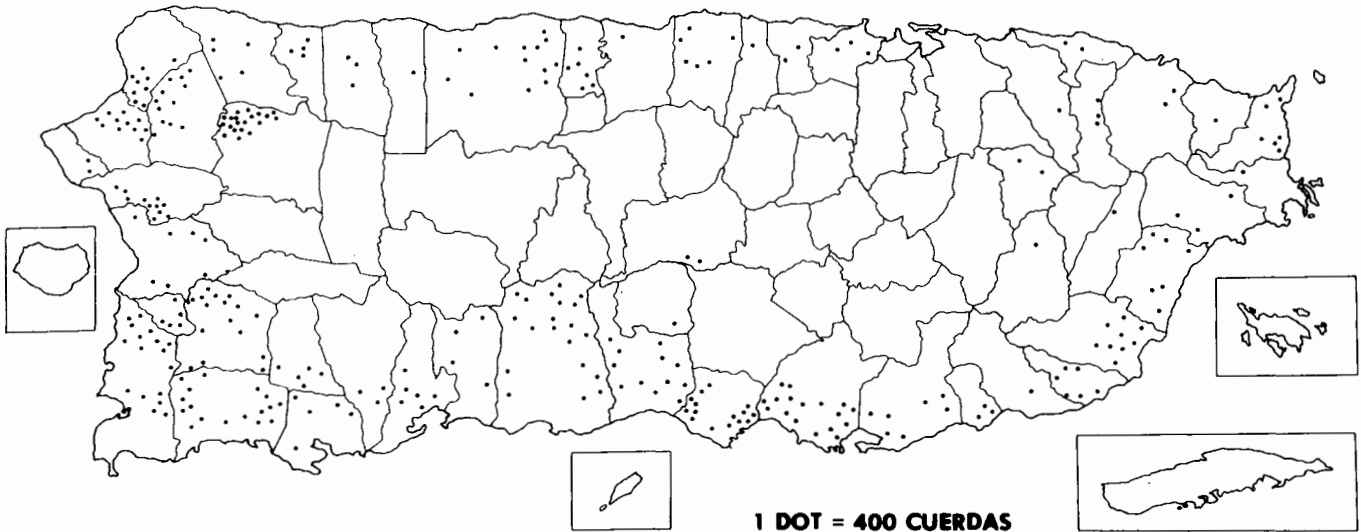
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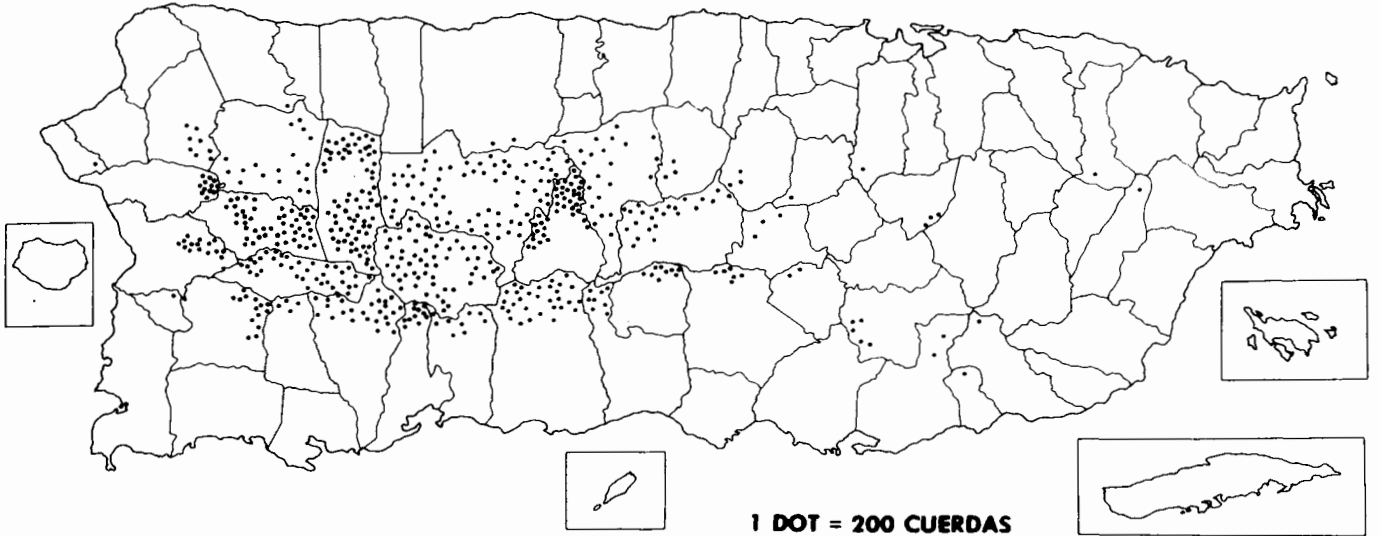
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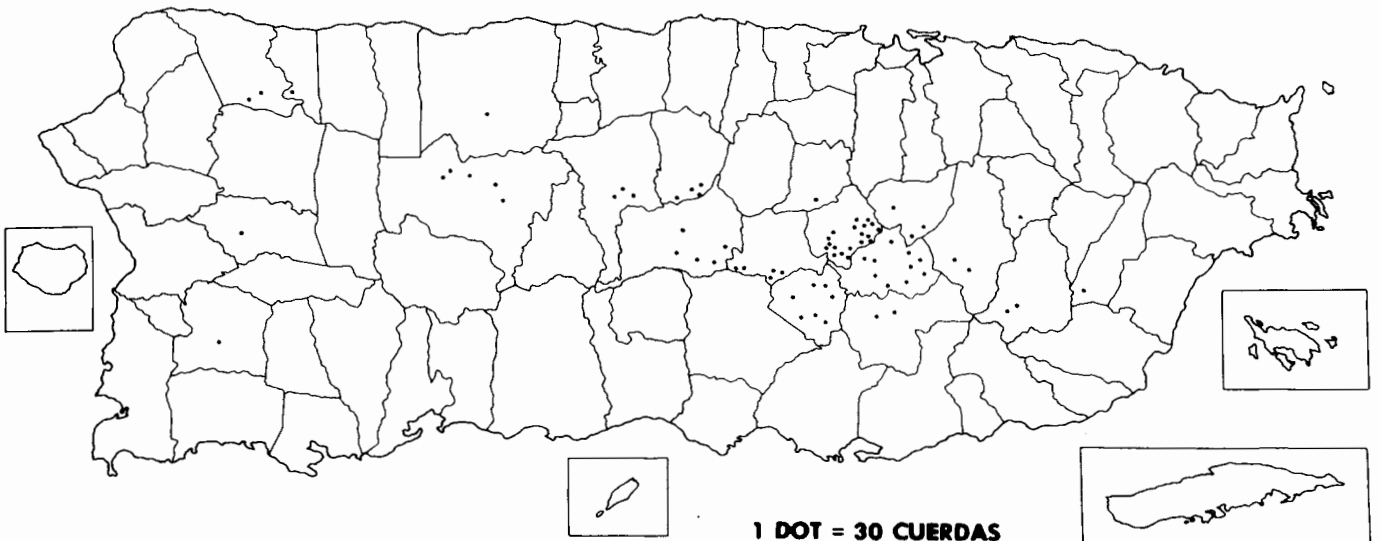
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