U.S. CENSUS OF AGRICULTURE: 1959

Final Report—Vol. I—Part 52—Districts

FARMS • FARM CHARACTERISTICS
LIVESTOCK and PRODUCTS
CROPS • FRUITS • VALUES

# Guam

**DISTRICTS** 

Prepared under the supervision of RAY HURLEY, Chief Agriculture Division



U.S. DEPARTMENT OF COMMERCE Luther H. Hodges, Secretary

BUREAU OF THE CENSUS
Richard M. Scammon, Director (From May 4, 1961)
Robert W. Burgess, Director (To March 3, 1961)





# BUREAU OF THE CENSUS

RICHARD M. SCAMMON, Director (From May 4, 1961) ROBERT W. BURGESS, Director (To March 3, 1961)

A. Ross Eckler, Deputy Director HOWARD C. GRIEVES, Assistant Director CONRAD TAEUBER, Assistant Director LOWELL T. GALT, Special Assistant HERMAN P. MILLER, Special Assistant MORRIS H. HANSEN, Assistant Director for Statistical Standards JULIUS SHISKIN, Chief Economic Statistician JOSEPH F. DALY, Chief Mathematical Statistician CHARLES B. LAWRENCE, JR., Assistant Director for Operations WALTER L. KEHRES, Assistant Director for Administration CALVERT L. DEDRICK, Chief International Statistical Programs Office A. W. VON STRUVE, Acting Public Information Officer Agriculture Division-RAY HURLEY, Chief WARDER B. JENKINS, Assistant Chief ORVIN L. WILHITE, Assistant Chief Field Division-JEFFERSON D. MCPIKE, Chief IVAN G. MUNRO, Assistant Chief Machine Tabulation Division-C. F. VAN AKEN, Chief HENRY A. BLOOM, Assistant Chief Administrative Service Division—EVERETT H. BURKE, Chief Budget and Management Division—CHARLES H. ALEXANDER, Chief Business Division-Harvey Kailin, Chief Construction Statistics Division—Samuel J. Dennis, Chief Decennial Operations Division-GLEN S. TAYLOR, Chief Demographic Surveys Division—ROBERT B. PEARL, Chief Economic Operations Division-Marion D. BINGHAM, Chief Electronic Systems Division-ROBERT F. DRURY, Chief

Foreign Trade Division—J. EDWARD ELY, Chief Geography Division—WILLIAM T. FAY, Chief Governments Division—Allen D. Manvel, Chief Housing Division—WAYNE F. DAUGHERTY, Chief Industry Division—MAXWELL R. CONKLIN, Chief Personnel Division—JAMES P. TAFF, Chief

Population Division—HOWARD G. BRUNSMAN, Chief Statistical Methods Division—JOSEPH STEINBERG, Chief Statistical Reports Division—EDWIN D. GOLDFIELD, Chief Statistical Research Division—WILLIAM N. HURWITZ, Chief Transportation Division—DONALD E. CHURCH, Chief

Statistics in this report supersede figures shown in Series AC59-1 and AC59-2,
Preliminary Reports

Library of Congress Catalog Card Number: A60-9482

### SUGGESTED CITATION

U.S. Bureau of the Census. U.S. Census of Agriculture: 1959. Vol. I, Part 52 Guam

U.S. Government Printing Office, Washington, D.C., 1961

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington 25, D.C., or any of the Field Offices of the Department of Commerce. Price 20 cents

# **PREFACE**

The 1960 Census of Agriculture for Guam was authorized by an Act of Congress (Title 13, U. S. Code, Census codified August 1954 and amended in August 1957). Section 191 of Title 13 provided that the Census shall include each State, the Virgin Islands, Guam, and the Commonwealth of Puerto Rico. Section 191 further provided that the census data for Guam may be collected by the Governor, or highest ranking Federal official, in accordance with plans prescribed or approved by the Director of the U. S. Bureau of the Census.

In accordance with the provisions of Title 13, collection of the data for the 1960 Census of Agriculture in Guam was directed and supervised by the Governor of Guam. The actual collection of data was carried out by census enumerators supervised by Manuel U. Lujan and Antonio C. Cruz working under the direction of the Governor. The planning of the Census and the compilation of the statistics were supervised by Ray Hurley, Chief of the Agriculture Division, assisted by Joseph Correll and Helen Teir.

Acknowledgment is made of the technical assistance of the personnel of the Guam Department of Agriculture in the planning of the Census.

May 1961

## UNITED STATES CENSUS OF AGRICULTURE: 1959

### FINAL REPORTS

Volume I—Counties—A separate part for each State. Statistics on number of farms; farm characteristics; acreage in farms; cropland and other uses of land; land-use practices; irrigation; farm facilities and equipment; farm labor; farm expenditures; use of commercial fertilizer; number and kind of livestock; acres and production of crops; value of farm products; characteristics of commercial farms, farms classified by tenure, by size, type, and economic class; and comparative data from the 1954 Census of Agriculture.

Volume I is published in 54 parts as follows:

Part	State or States	Part	State or States	Part	State or States
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	New England States:     Maine.     New Hampshire.     Vermont.     Massachusetts.     Rhode Island.     Connecticut. Middle Atlantic States:     New York.     New Jersey.     Pennsylvania. East North Central:     Ohio.     Indiana.     Illinois.     Michigan.     Wisconsin. West North Central:     Minnesota.     Iowa.     Missouri.     North Dakota.	19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37	West North Central—Continued South Dakota. Nebraska. Kansas. South Atlantic: Delaware. Maryland. Virginia. West Virginia. North Carolina. South Carolina. Georgia. Florida. East South Central: Kentucky. Tennessee. Alabama. Mississippi. West South Central: Arkansas. Louisiana. Oklahoma. Texas.	38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54	Mountain:     Montana.     Idaho.     Wyoming.     Colorado.     New Mexico.     Arizona.     Utah.     Nevada. Pacifie:     Washington.     Oregon.     California.     Alaska.     Hawaii Other Areas:     American Samoa.     Guam.     Puerto Rico.     Virgin Islands.

Volume II—General Report.—Statistics by Subjects, United States Census of Agriculture, 1959. Summary data and analyses of the data by States, for geographic divisions, and for the United States, by subjects, as illustrated by the chapter titles listed below:

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

Volume III—Irrigation of Agricultural Lands. Western States (Dry Areas)—Data by States for drainage basins and a summary for the area, including number and types of irrigation organizations, source of water, expenditures for works and equipment since 1950, water used and acres served for irrigation purposes.

Volume IV—Drainage of Agricultural Lands. Data by States on land in drainage organizations, number and types of organizations, cost of drainage and drainage works.

Volume V—Special Reports, Part 1.—Horticultural Specialties. Statistics by States and a summary for the United States presenting number and kinds of operations; gross receipts and/or gross sales; sales of nursery products, flower seed, vegetables grown under glass, and propagated mushrooms; number of container-grown plants; inventory products; sales of bulb crops; employment; structures and equipment.

Titles of additional parts of this volume are not available as this report goes to press.

# GUAM

### CONTENTS

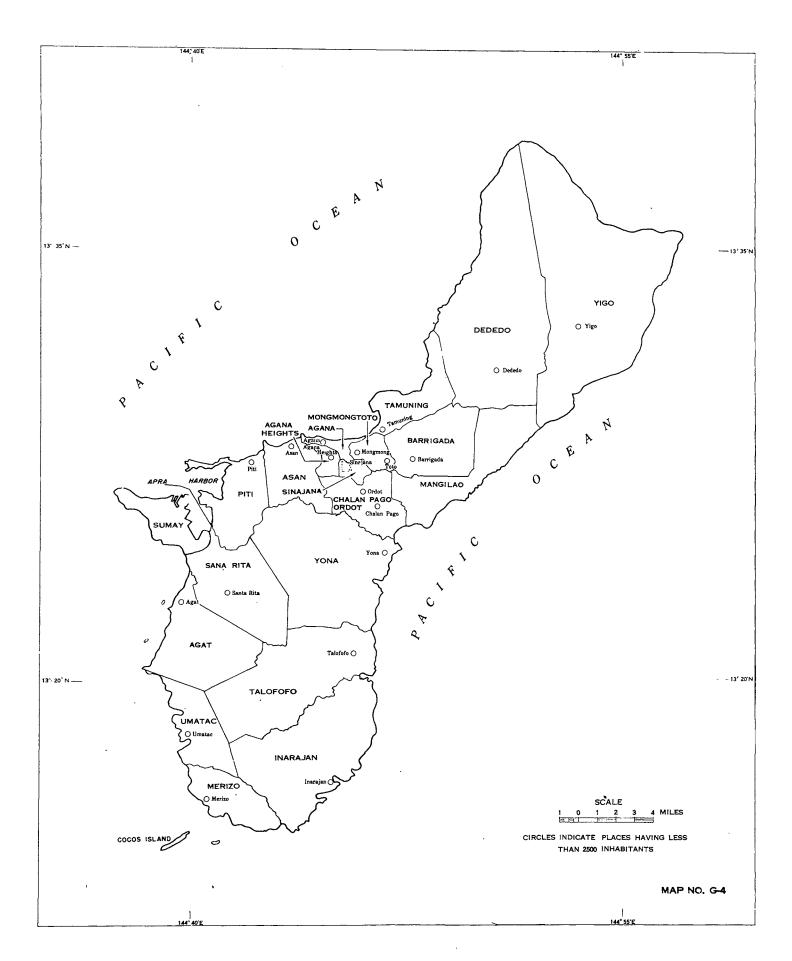
### INTRODUCTION

THE 1960 CENSUS OF AGRICULTURE	Page
History of the Census.  Legal basis for the Census.  Pretest of the 1960 Census.  Training of enumeration personnel.  Enumeration period.	IX IX IX IX
ENUMERATION FORMS AND PROCEDURES	
The agriculture questionnnaire The enumeration. Enumeration districts. Processing operations. Presentation of statistics.	X X X
DEFINITIONS AND EXPLANATIONS	
Descriptive summary and reference	x
General Farm Information	
Census definition of a farm	X X X X
Crops	
Field crops and vegetables Fruits and muts	XI XI
Livestock and Poultry	
Cattle and calves	XI
Fishponds	
Stocked with fish for food purposes	XII
Classification of Farms	
Farms by size	XII
STATISTICS FOR ELECTION DISTRICTS	
Table—	
1.—Population, land area, number of farms, and land in farms, by election districts: Census of 1960.  2.—Livestock and poultry on farms, April 1, by kind: Censuses of 1930 to 1960.  3.—Field crops and vegetables—Area and quantity harvested: Censuses of 1930 to 1960.  4.—Fruits and coffee—Number of trees or plants and quantity harvested: Censuses of 1930 to 1960.  5.—Farms and farm characteristics, by size of farm: Census of 1960.  6.—Farms and farm characteristics, by tenure of operator: Census of 1960.  7.—Farms and land in farms, by size of farm, by election districts: Census of 1960.  8.—Farms and land in farms, by ownership, by election districts: Census of 1960.  10.—Farms and land in farms, by ownership, by election districts: Census of 1960.  11.—Livestock and poultry on farms, April 1, by kind, by election districts: Census of 1960.  12.—Field crops and vegetables—Farms reporting, area, and quantity harvested, by election districts: Census of 1960.  13.—Fruits—Farms reporting, number of trees or plants, April 1, 1960, and quantity harvested, 1959, by election districts: Census of 1960.  14.—Specified crops—Farms reporting and quantity harvested or gathered, by election districts: Census of 1960.	3 3 4 4 5 7 9 10 11 11 12 13
, , ,	
APPENDIX	
The 1960 Census of Agriculture Questionnaire	19

# INTRODUCTION

(VII')

**GUAM**Election Districts, Cities and Villages



# INTRODUCTION

### THE 1960 CENSUS OF AGRICULTURE

History of the Census.—The 1960 Census of Agriculture is the fifth United States agricultural census of Guam. The first such census was taken in 1920, in conjunction with the Census of Population. Since 1920, a census of agriculture has been taken in Guam every 10 years, at the same time as the population census.

Legal Basis for the Census.-The 1960 Census of Agriculture was authorized by an Act of Congress, as were the prior censuses of Guam. "Title 13, United States Code-Census," codified in August 1954, and amended in August 1957 and September 1960, is now the legal basis for the census of agriculture as well as for all other censuses and surveys conducted by the Bureau of the Census. Section 191 of Title 13 specifically provides that the censuses "shall include each State, . . . the Virgin Islands, Guam, and the Commonwealth of Puerto Rico" as well as other areas under the jurisdiction or control of the United States. Section 191 further provides that the census data for these areas may be collected by the Governor or highest ranking Federal official in accordance with plans prescribed or approved by the Director of the United States Bureau of the Census. Pursuant to this provision, collection of data for the 1960 Census of Agriculture in Guam was directed and supervised by the Governor of Guam according to procedures prescribed by the Bureau of the Census.

Pretest of the 1960 Census.—A "pretest" of the 1960 Census of Agriculture was conducted in Guam during April 1958. Its purpose was to provide the Bureau with a measure of the effectiveness of the questions and procedures planned for the 1960 Census. During the pretest, agricultural agents on the staff of the Guam Department of Agriculture, using preliminary versions of the agriculture questionnaire and the enumerators' reference manual, interviewed approximately 300 farmers.

Training of Enumeration Personnel.—Each supervisor, crew leader, and enumerator employed for the 1960 Census of Agriculture in Guam received special training for his job. All training was presented according to procedures contained in guides and manuals prepared by the Bureau of the Census. It included film-strips, map reading, practice interviewing, and practice filling of questionnaires.

Enumeration Period.—The enumeration for the Census of Agriculture began on April 4, 1960. The bulk of the work was completed within two weeks thereafter.

Data for inventory items—land in farms, fruit and nut trees, livestock, poultry, and fishponds—represent the situation existing on or about April 1, 1960. Data for area harvested and for quantities of crops harvested or gathered relate to the crop year 1959.

### ENUMERATION FORMS AND PROCEDURES

The Agriculture Questionnaire.—The questionnaire for the 1960 Census of Agriculture was prepared by the staff of the Census Bureau in cooperation with the Governor of Guam. It contained a total of 65 inquiries as compared with only 39 on the questionnaire for the 1950 Census. Selection of the inquiries was based on current needs for agricultural information as well as on experience gained in earlier censuses.

The 1960 questionnaire contained more detailed questions about land tenure than had been asked in any previous census in Guam and was the first questionnaire to include questions about land use in Guam. In the section on tenure, each operator was asked to give separate figures for the amount of land owned, rented to others, rented from others, used under permit, occupied as a squatter (or borrower), or furnished by the Government in connection with living quarters. The reports for land owned and land rented to others specifically excluded land used by the United States Military Services. The combined area of land reported by each operator, minus the land he rented to others, was taken to represent one Census farm, regardless of where the land was located. In six questions about land use, the area in each farm was distributed according to its principal use.

In the sections for crops, the 1960 questionnaire contained separate inquiries for 20 field crops and vegetables and for 17 kinds of fruits and nuts as compared with 9 and 14, respectively, on the 1950 questionnaire. Both the 1960 and the 1950 questionnaires contained space for the reporting of crops that were not specified in individual inquiries.

The questions on livestock and poultry were essentially the same in 1960 as in 1950. The only difference was that the 1960 questionnaire specified chickens 4 months old and over whereas the 1950 questionnaire referred to chickens of all ages.

About two weeks before the start of enumeration, agriculture questionnaires were distributed through post offices to most households in rural areas. A letter was attached to each questionnaire asking the farm operator to fill the questionnaire and to give it to the enumerator when he called. The purpose of this procedure was to save time and money in taking the census and to improve the quality of the information given by farm operators. By having the questionnaire ahead of time, the farmer could determine what information was required and could prepare his report in advance of the enumerator's visit. The enumerator, however, was directly responsible for obtaining a questionnaire for each place requiring one. If the farm operator had filled the questionnaire, the enumerator was instructed to examine it for completeness and consistency and, as necessary, to help the operator arrive at valid estimates of his agricultural operations.

The Enumeration.—The questionnaire used by enumerators for taking the 1960 Census of Population and Housing in Guam contained the question "Does anyone living in this house operate a farm?" If this question was answered "Yes," the enumerator knew that he must obtain an agriculture questionnaire for the farm operator. If it was answered "No," the enumerator was instructed to ask whether any member of the household harvested or gathered any crops in 1959, kept any livestock or poultry on April 1, 1960, or had a fishpond on April 1, 1960. A "Yes" answer to any one of these additional questions indicated that an agriculture questionnaire was required. The enumerator was also instructed to ask enough questions about tracts of land on which no one lived to determine whether an agriculture questionnaire was required for the person in charge of the land. This instruction was designed to assure enumeration of all land used for agriculture, whether operated by an individual, a partnership, a corporation, or an institution.

Enumeration Districts.—For purposes of enumeration, the Territory of Guam was divided into 95 Enumeration Districts, or "ED's." The ED's were clearly outlined on special maps prepared for the census. Each enumerator was required to canvass the entire area within his assigned ED and to indicate his route of travel on the map. This procedure was designed to assure complete enumeration coverage of all land and dwellings in Guam.

Processing Operations.-After the completion of enumeration, all agriculture questionnaires were sent to the Agriculture Operations Office in Parsons, Kansas. There, all questionnaires were individually edited and coded prior to tabulation of the data. In the editing process, questionnaires that did not represent farms according to the Census definition were withdrawn from further processing. (See below, "Census definition of a farm.") The remaining questionnaires were then examined for completeness and consistency. Errors in calculations and in units of measure, inconsistencies, and misplaced entries were corrected. Incomplete reports were adjusted on the basis of related information on the same questionnaire or on questionnaires for nearby farms of similar size. In the coding process, numerical codes were entered on all questionnaires to classify farms by size, in terms of total area, and by tenure of operator. As necessary for tabulation purposes, numerical codes were also assigned to individual crop and livestock items to assure their inclusion in the appropriate farm product totals.

After the questionnaires had been edited and coded, the information on them was transferred to tabulation sheets. These tabulations were reviewed for reasonableness and consistency.

Presentation of Statistics.—This report contains data as compiled from the questionnaires used for the 1960 Census of Agriculture in Guam. Totals are given for the Territory of Guam and also for the 19 Election Districts. Comparable figures for preceding census years are given for the Territory of Guam for those items for which information is available

In the 1950 and 1940 Censuses, data were compiled for municipalities. Prior to the 1960 Census, the 15 municipalities were rearranged into 19 Flection Districts. Because of differences in boundaries resulting from the rearrangement, comparable data for prior censuses could not be presented for Election Districts.

### DEFINITIONS AND EXPLANATIONS

The definitions and explanations that follow refer specifically to the 1960 Census of Agriculture but many of them also apply to earlier censuses. Most of the definitions consist of a resume of the questionnaire wording, supplemented by excerpts from instructions given to enumerators. For exact wording of the questions and of the instructions included on the questionnaire, see the facsimile of the 1960 Agriculture Questionnaire in the appendix of this report.

### GENERAL FARM INFORMATION

Census Definition of a Farm.—For the 1960 Census of Agriculture in Guam, a farm was defined as any "place" on which crops were grown in 1959, or on which any livestock, or five or more poultry, were kept on or about April 1, 1960. The word "place" designates all land under the control of one person or partnership, exclusive of land used by the United States Military Services. Control may have been exercised through ownership or management or through a lease, rental, permit, squatter, or governmental arrangement.

To avoid biases arising from an enumerator's personal judgment as to what constitutes a farm, the Census Bureau stressed the concept that the Census of Agriculture was a census of agricultural operations (including fishponds) rather than a census of farms. Accordingly, enumerators were not given the definition of

a farm but were instructed to obtain questionnaires for all persons who considered themselves as farm operators and for all other persons who had charge of harvesting or gathering crops in 1959, or of keeping livestock, poultry, or fishponds on April 1, 1960. Consequently, questionnaires were filled for a number of places that did not qualify as farms. The determination as to which questionnaires represented farms was made during the processing operations. Only those questionnaires meeting the Census definition of a farm were included in the tabulations.

The 1960 Census definition of a farm is comparable with the definition adopted for the 1950 Census. In the 1940 Census, however, a farm was defined as follows: "The term 'farm'...relates to any parcel or parcels of land-regardless of size and of value of production—on which crops were grown by one person, either alone or with the aid of members of his household or of hired help." Questionnaires containing reports of livestock only, with no crops, were considered to represent "nonfarm places." In the 1940 Census report for "Territories and Possessions," the 1940 data for Guam are given for farms and nonfarm places separately. In the 1950 and 1960 reports, the 1940 data represent totals for farms and nonfarm places combined.

In the 1930 Census, the questionnaire for crops contained the following definition of a farm: "A farm for Census purposes is all the land directly farmed by one person, either by his own labor alone or with the assistance of members of his household or hired employees." A separate questionnaire was used for the enumeration of livestock whether they were on farms or elsewhere.

In the 1920 Census, also, separate questionnaires were used for crops and for livestock but neither one contained the definition of a farm. Moreover, no attempt was made to classify data according to farms or nonfarm places.

Farm Operator.—The term "farm operator" designates a person who operates a farm, either doing the work himself or directly supervising the work. He may be the owner, a member of the owner's household, a hired manager, a tenant, a renter, a squatter, or a person who operates land under a permit or rent-free arrangement with the Government of Guam. If he rents land to others, he is considered as operator only of the land he retains for his own use. For farms operated in partnership, only one partner is counted as an operator. By definition, the number of farm operators is the same as the number of farms.

Farms Reporting.—Figures for "farms reporting" represent the number of farms for which the specified item was reported. For example, if there were 120 farms in an Election District and only 100 had chickens on hand, the number of farms reporting chickens would be 100. The difference between the total number of farms and the farms reporting a particular item represents the number of farms not having that item, provided a correct report was received for all farms.

Land in Farms.—The land to be included in each farm was determined from the answers to questions 2 through 7, which relate to land tenure. (See the facsimile of the questionnaire in the appendix.) The amounts of land reported as owned, rented from others, used under permit, occupied on a squatter basis, and furnished by the Government were first added together and then the amount of land reported as rented to others was subtracted. The result represented the land in the farm.

In both the 1960 and the 1950 Censuses, all data for land area were obtained in terms of hectares and area rather than acres, as in earlier censuses. In this report, all figures for land area are given in terms of hectares (100 ares =1 hectare). The corresponding acreage figures for years prior to 1950 were converted to hectares (2.47 acres =1 hectare).

Land Owned.—All land that an operator and/or his wife held under title, purchase contract, homestead law, or as heir or trustee of an undivided estate was considered as owned. However, the reports for land owned exclude land used by the United States Military Services.

Land Rented to Others.—This item includes all land that an operator rented or leased to others, except land used by the United States Military Services, and also land he assigned to others on a share basis or permitted others to occupy rentfree.

Land Rented from Others.—This item includes land that the operator rented or leased from private owners, whether individuals, partnerships, or corporations, and also land that he worked on shares for others.

Land Used under Permit.—Rights to use land owned or controlled by the Government of Guam are in the form of permits rather than lease or rental arrangements. Accordingly, this item includes all land for which the operator had a Government permit.

Land Occupied as a Squatter.—This item includes all land that the operator occupied on a "borrower" basis with neither ownership rights to the land nor any kind of permit, lease, governmental, or rental agreement.

Land Furnished with Living Quarters.—This item includes all land that the Government of Guam furnished to the operator in connection with living quarters.

Land in Two or More Election Districts.—An individual farm was always enumerated in the Election District in which the farm operator lived, regardless of where the farmland was located. If an operator had a residence in more than one Election District, his farm was to be enumerated in the Election District where his family lived or, if he had no family, in the Election District where he lived for the greater part of the year.

Land in Farms According to Use.—In this report, land in farms has been distributed according to the way in which it was used, as reported for the 1960 Census. The land uses described in the following paragraphs are mutually exclusive in that each hectare of land was to be reported in only one land-use classification even though it may have had more than one use during the year. No reports of land use were required for places of less than 10 ares. Since questions on land use were asked for the first time in the 1960 Census, there are no comparable data for earlier years.

Land used for crops refers to all land that was used for crops at any time in 1959, except land used only for soil-improvement crops. It includes land from which any crop was harvested; land in growing crops to be harvested after 1959; and land planted to both bearing and nonbearing fruit and nut trees, plants, and shrubs. Land from which two or more crops were harvested in 1959 was to be reported only once.

Cropland used for pasture includes all cropland that was used only for pasture in 1959, or in the first quarter of 1960. Land planted to crops was specifically excluded, even in cases where the crops were not harvested.

Cropland not used for crops or pasture includes idle cropland, land planted to soil-improvement crops not harvested, and any unused land that could, in the opinion of the operator, be satisfactorily cleared, planted, and cultivated for the production of field crops, vegetables, fruits, or nuts.

Pastureland used for pasture or grazing includes all land that was actually used for the grazing of livestock in 1959 or in the first quarter of 1960. It does not include any cropland, even if the cropland was used for pasture or grazing.

Pastureland not used for pasture or grazing includes all land that did not qualify as cropland but that could, in the opinion of the operator, support enough plant growth for grazing, provided the clearing and grazing of the land would not seriously damage it.

Other land includes all land that did not qualify as either cropland or pastureland, such as house lots, barn lots, land area of ponds, ditches, swamps, steep slopes, cliffs, roads, brushland, wasteland, and forest areas.

#### CROPS

The 1960 agriculture questionnaire contained individual inquiries for all crops commonly grown in Guam; space was also provided for the reporting of any additional crops that were harvested in 1959.

Field Crops and Vegetables.—The total quantity of each field crop and vegetable harvested in 1959 was always to be reported, even in cases where the farm area amounted to less than 10 ares. The area from which an individual crop was harvested was asked only if the quantity amounted to 50 pounds or more. Therefore, yields per hectare computed on the basis of the area and production figures in this report may be slightly overstated for some crops.

In cases where two or more crops, or two or more plantings of the same crop, were harvested from the same land in 1959, the area was to be reported for each separate crop or planting, provided the total production amounted to at least 50 pounds. For some Election Districts, therefore, the area given for crops may closely approximate, or even exceed, the area given for total land in farms.

Fruits and Nuts.—Questions on fruits and nuts were separated into two groups on the 1960 questionnaire. For the fruits commonly grown on farms, information was obtained for the total quantity harvested in 1959 and also for the number of trees or plants, both bearing and nonbearing, that were on the farm on April 1, 1960. For breadfruit, betelnuts, coconuts, gado and other wild root crops, guavas, soursops, starfruits, and anonas, the reported data represent total quantities harvested or gathered in 1959 by all members of the operator's household, both from land in the farm and from other land.

Unit of Measure.—On the 1960 questionnaire, all quantities were to be reported in pounds. In earlier censuses, quantities of fruits harvested were generally reported in number of fruits. In this report, no attempt has been made to convert numbers of fruits (or nuts), as reported in previous censuses, to pounds.

### LIVESTOCK AND POULTRY

In accordance with the Census definition, an April 1 inventory of one or more farm animals or of five or more poultry qualified a place as a farm in both the 1960 and the 1950 Censuses. In earlier censuses, all livestock and poultry were enumerated, whether or not they were on places qualifying as farms according to the definitions then in effect. Except for milk cows and other cattle and calves, the data for the major livestock as given in this report are entirely comparable from one census year to another and represent the total livestock in Guam. The 1960 and the 1950 data for poultry are also entirely comparable. Such lack of comparability as may exist with earlier years is considered to be negligible.

To avoid double counting in the enumeration, each farm operator was asked to report all livestock and poultry on his place as of April 1, regardless of ownership. Livestock running loose or grazing on public land were to be reported as being on the place operated by the person who had control over them.

Cattle and Calves.—In the 1960 Census, "milk cows" were defined as cows that had been milked at any time in 1959 or in 1960, up to the time of enumeration. All other cows were to be included in the report for "other cattle and calves." Questionnaires for the 1950 and 1940 Censuses contained no definition of milk cows but enumerators were instructed to report, as milk cows, all cows kept for the purpose of providing milk for human consumption. Therefore, the data for milk cows and other cattle and calves as given for 1960 are not strictly comparable with those for earlier years.

#### FISHPONDS

Only fishponds stocked with fish for food purposes were to be reported. This specification was given to enumerators so that ponds or pools kept for other purposes would not be reported.

#### CLASSIFICATION OF FARMS

Farms by Size.—Farms were classified by size on the basis of the total land area established for each farm. According to the Census definition, a farm is essentially an operating unit, not an ownership tract. All land operated or managed by one person or partnership represents one farm. In the case of share-tenants, the land assigned to each share-tenant is considered a separate farm, even though the landlord may consider his entire landholding to be one unit, rather than several separate units.

Farms by Tenure of Operator.—Farms were classified by tenure of operator on the basis of data for land owned, rented from others, used by permit, occupied as a squatter, or furnished by the Government. During the processing operations, each questionnaire for the 1960 Census was coded to indicate whether the farm operator was to be classified as a full owner, part owner, tenant, permittee, squatter, or "other" operator. The various classifications of tenure, as used for the 1960 Census, are defined below:

Full owners operate only land they own or land they own plus land they operate on a permit, squatter, or Government-furnished basis.

Part owners operate land they own plus land they rent from others.

Tenants operate only land they rent from others.

Permittees have a permit from the Government for all the land they operate, or they have a permit for some of the land and occupy the remainder on a squatter basis.

Squatters "borrow" all the land they operate, with no rental agreement with the owner. They neither own nor rent any land nor do they occupy any land by permit or other governmental arrangement.

Others are operators who did not qualify for any of the foregoing classifications. All the land they operate may have been furnished by the Government in connection with living quarters; or the land they operate may be partly owned, partly rented from others, and partly held on a permit, squatter, or Government-furnished basis.

The tenure classifications for the 1960 Census are more precise than those used in earlier censuses. Data for 1940 and 1950 were classified according to whether operators were "owners," "lessees," "renters," or "borrowers." These terms may be roughly compared with the 1960 classifications as follows:

Owners-Full owners and part owners

Lessees-Permittees

Renters-Tenants

Borrowers-Squatters

For exact definitions of the tenure classifications used in earlier censuses, see the 1950 report for Guam in "Territories and Possessions" (Volume 1, Part 34, U. S. Census of Agriculture: 1950).

# STATISTICS FOR ELECTION DISTRICTS

(1)

Table 1.—POPULATION. LAND AREA, NUMBER OF FARMS, AND LAND IN FARMS, BY ELECTION DISTRICTS: CENSUS OF 1960

-	Total	Total le	and area		Land in farms			
Election district	population (number)	Square miles	Hectares	Number of farms	Total (hectares)	Average size of farm (hectares)		
Guam, total	67,044	209	54,131	2,028	12,994	6.		
gala gala Heights gat san arrigada	1,642 3,210 3,107 3,053 5,430	1 1 11 6	259 259 2,849 1,554 2,331	20 97 83 111 200	1,643 283 169 206 562	82. 2. 2. 1. 2.		
halan Pago and Ordotededoarajan angilaoerizo, including Cocos Island	1,835 5,126 1,730 1,965 1,398	6 30 19 10 6	1,554 7,770 4,921 2,590 1,554	148 188 133 126 119	330 733 1,245 313 300	2. 3. 9. 2.		
congmong, Toto, Maitetii anta Rita	3,015 1,467 12,126 3,862 1,352	2 7 16 1	518 1,813 4,144 259 4,403	78 18 77 98 116	130 49 98 162 1,029	1. 2. 1. 1. 8.		
ammingmatac	5,944 744 7,682 2,356	6 6 35 20	1,554 1,554 9,065 5,180	114 47 127 128	221 137 1,295 4,089	1. 2. 10. 31.		

Table 2.-LIVESTOCK AND POULTRY ON FARMS, APRIL 1, BY KIND: CENSUSES OF 1930 TO 1960

Item (For definitions and explanations, see text)	Number	Item (For definitions and explanations, see text)	Number
arabaos	984	Horses and colts	124
1950 1940	679 1,560	1950	58
1930	3,253	1940	126
attle and calves1960	5,860	1930	147
1950  1940	2,847 5,845	Cuickens	137,071
1930	6,948	1950	132,781
cats and kids	2,592	1940	209,465
1950 1940	748 1,353	1930	154,784
1930	1,003	Ducks1960	2,137
ogs and pigs1960	7,118	1950	399
1950 1940	7,056 14,089	1940	1,027
1930	7,616	1930	1,025

Table 3.-FIELD CROPS AND VEGETABLES-AREA AND QUANTITY HARVESTED: CENSUSES OF 1930 TO 1960

Item (For definitions and explanations, see text)	Area harvested (hectares)	Quantity harvested (pounds)	Item (For definitions and explanations, see text)	Area harvested (hectares)	Quantity harvested (pounds)
Beans, green <sup>1</sup>	28 10	49,911 33,072	Melons1959	43 15	162,826 61,764
1939	2	3,271	1939	5	36,840
Cassava1959	24	95,497	Peppers	(2)	15,189 3,686
1 <b>949</b> 1939	4 74	15,710 472,657	1939	( <sup>2</sup> ) ( <sup>2</sup> )	55
1929	67	195,511	Sweetpotatoes	24	67,519
Chinese cabbage1959	10 ( <sup>2</sup> )	45,180	1949 1939	22 128	107,044 756,415
1949	(*)	<sup>3</sup> 615	1929	220	587,895
Corn	56	99,600	Taro	59 77	169,800 280,742
1949 1939	279 881	571,413 2,033,528	1939 1929	293 418	NA 1,824,967
1929	1,443	2,110,416			
Cucumbers	35	167,675	Tomatoes	11 13	30,827 13,628
1949 1939	( <sup>2</sup> )	20,475	1939	. 1	3,530
Eggplant	1	65,529	Yems	15 15	97,753 87,283
1949		2,869	1939	80	840,015
1939	(*)	295	1929	163	1,160,280

Table 4.-FRUITS AND COFFEE-NUMBER OF TREES OR PLANTS AND QUANTITY HARVESTED: **CENSUSES OF 1930 TO 1960** 

Item	Trees or	Quantity	y harvested	Item	Trees or	Quantity	y harvested
(For definitions and explanations, see text)	plants (number)	Unit	Amount	(For definitions and explanations, see text)	plants (number)	Unit	Amount
lvocados	2,798 1,870 10,220 7,407	Pounds Number Number	41,931 67,064 959,881 287,991	Mangoes	2,320 1,758 4,602 6,263	Pounds Number Number	145,835 428,072 1,933,761 1,184,248
Bananes	153,687 142,222 535,240 250,521	Pounds Bunches Bunches	660,966 65,266 301,264 196,327	Oranges	2,178 860 5,477 4,891	Pounds Number Number	34,481 25,003 365,073 393,047
Coffee	7,968 90,254	Pounds Pounds Pounds Pounds	120 2,465 42,686 54,718	Papayas	2,211 7,719	Pounds Number Number	76,136 10,504 78,153 96,712
rapefruit	51 <b>7</b> 60	Pounds Number Number	4,775 975 19,726 8,036	Pineapples		Pounds Number Number	48,950 10,726 87,025 118,233
emons and limes	3,431 1,564 13,913 9,594	Pounds Number Number	53,774 62,928 1,241,923 1,021,982	Tangerines	3,372 1,995 3,951	Pounds Number	68,447 74,713 647,719

NA Not available.

¹Reported as "beans" in censuses prior to 1960.
²Less than 1 hectare.
³Reported as "cabbage" in census of 1950.

**GUAM** 

Table 5.-FARMS AND FARM CHARACTERISTICS, BY SIZE OF FARM: CENSUS OF 1960

						Size of farm				
(For definitions and explanations, see text)	Total	Under 1 hectare	1 to 2 hectares	3 to 4 hectares	5 to 7 hectares	8 to 9 hectares	10 to 19 hectares	20 to 39 hectares	40 to 49 hectares	50 hectares and over
FARMS AND LAND IN FARMS							06	45	11	24
Farmsnumber	2,028	815 40.2	27.1	368 18.2	87 4.3	2.1	86 4.2	2.2	0.5	1.2
Land in farmshectares  Percent distributionpercent  Average size of farmhectares	12,994 100.0 6.4	136 1.0 0.2	795 6.1 1.4	1,283 9.9 3.5	512 3.9 5.9	362 2.8 8.4	1,142 8.8 13.3	1,232 9.5 27.4	467 3.6 42.5	7,065 54.4 294.4
Land in farms according to use:  Cropland, totalfarms reporting hectares	1,360 6,887	284 76	468 529	335 760	82 335	39 211	79 597	42 692	10 158	21 3,529
Used for crops	1,113 1,319	242 57	382 333	275 344	64 113	29 63	67 193	32 110	9 37	13 69
Used for pasturefarms reporting hectares	478 3,605	46 14	137 131	130 233	47 154	23 102	46 283	30 379	7 108	12 2,201
Not used for crops or pasturefarms reporting hectares	264 1,963	17 5	69 65	101 183	22 68	11 46	21 121	14 203	3 13	6 1,259
Pastureland, totalfarms reporting hectares	348 3,434	46 9	89 92	96 221	28 90	16 84	36 303	19 304	6 189	12 2,142
Used for pasturefarms reporting hectares	302 3,020	44	82 86	81 182	26 84	13 63	28 232	14 214	3 123	11 2,028
Not used for pasturefarms reporting hectares	67 414	4	8	20 39	3 6	5 21	12 71	8 90	3 66	4 114
All other landfarms reporting	881 2,673	251 51	250 174	202 302	48 87	26 67	52 242	29 236	7 120	16 1,394
FARMS BY TENURE OF OPERATOR				205	50	25		38	10	19
Owners	1,267 10,639	615 87	302 440	125 446	58 342	35 287	65 890	1,111	423	6,613
Full owners	1,253 10,420	614 87	297 431	124 441	56 329	34 279	63 868	38 1,111	10 423	17 6,451
Part ownersnumber hectares	14 219	(1)	5 9	5	2 13	8	2 22	:::		162
Tenantsmumber hectares	72 316	19 4	29 40	13 44	2 11		4 54	3 61		2 102
Permitteesnumber hectares	316 1,001	16 7	82 130	193 667	16 95	1 9	8 93			
Squattersnumber	355 953	155 36	134 180	35 119	11 64	6 49	8 95	3 60	:::	3 350
Othersnumber hectares	18 85	10 2	2 5	2 7	:::	17	10	:::	1 44	
LIVESTOCK ON FARMS  Carabaos	293	60	99	53	15	15	26	12	5	8
number  Cattle and calves, totalfarms reporting	984 1,021	137 334	195 273	167	37 59	67 30	136	39	31 8	175
Milk cowsfarms reporting	5,860 147	858 26	876 30	819	271	185	492 16	491 16	225	1,643
number  Other cattle and calvesfarms reporting	305 j	35	49 264	186	12   58	15 29	34 64	74 34	13	24 19
number  Goats and kidsfarms reporting	5,555 456	823 160	827 127	90	259 25	170	458 18	417	212	1,619
number Hogs and pigsfarms reporting	1,220	635 453	558 331	432	185 55	34	259 58	220 36	13	203
Horses and colts	7,118	1,782	1,584	1,048	685	185	720 6	410	113	591 6
number  Chickens 4 months old and overfarms reporting  number	1,879 137,071	738 34,824	513 29,720	353 24,902	82 12,296	6 42 5,576	82 13,272	40 4,311	10 1,940	30 19 10,230
. SPECIFIED FIELD CROPS AND VEGETABLES HARVESTED		.,	,,	.,,,,,,		-,2.3	,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	_,,	23,230
Corn, dry	100 30 44,585	16 2 4,035	34 7 10,635	21 7 14,520	8 3 3,550	5 2 2,330	5 1 1,750	5 1 1,535	5 3 4,850	1 4 1,380
Cucumbersfarms reporting hectares pounds	110 35 167,675	8 (Z) 1,565	27 3 11,506	26 3 10,580	8 2 8,450	5 3 17,014	16 7 51,170	11 3 13,045	5 13 33,200	4 1 21,145
Tarofarms reporting hectares pounds	501 59 169,800	112 ,5 28,365	187 17 63,685	114 19 34,615	28 5 15,010	11 3 4,345	24 3 13,225	14 4 6,290	6 2 3,450	5 1 815
See footnotes at end of table.							,	,	_,	

Table 5.-FARMS AND FARM CHARACTERISTICS, BY SIZE OF FARM: CENSUS OF 1960-Continued

-					s	ize of farm				
Item (For definitions and explanations, see text)	Total	Under 1 hectare	1 to 2 hectares	3 to 4 hectares	5 to 7 hectares	8 to 9 hectares	10 to 19 hectares	20 to 39 hectares	40 to 49 hectares	50 hectares and over
SPECIFIED FRUITS AND NUTS HARVESTED				_					-	
Avocados	474	116	131	107	28	19	37	22	3	11
	2,798	430	519	475	303	197	353	225	12	284
	41,931	7,180	7,210	9,690	3,205	1,490	5,815	3,378	1,110	2,853
Bananas, cookingfarms reporting hills pounds	851	243	282	178	37	20	47	25	6	13
	70,094	7,218	22,335	20,787	5,391	2,644	5,831	2,868	805	2,215
	314,728	52,905	109,273	67,555	28,980	8,785	22,340	10,200	2,540	12,150
Bananas, eatingfarms reporting hills pounds	889 83,593 346,238	294 8,603 53,460	274 24,243 98,525	168 16,618 54,303	41 7,409 31,810	20 2,637 7,710	8,635 39,995	29 '7,963 23,155	7 3,465 9,250	12 4,020 28,030
Lemons and limes	602	168	181	119	30	21	42	27	3	11
	3,431	509	803	608	381	241	338	260	38	253
	53,774	10,244	11,370	12,635	4,190	3,550	6,085	3,740	410	1,550
Mangoes	498	129	159	93	30	16	32	25	4	10
	2,320	282	492	670	151	157	174	193	15	186
	145,835	21,370	42,400	28,505	21,460	4,740	13,350	8,895	2,100	3,015
Oranges	407	89	126	78	26	18	34	21	5	10
	2,178	276	392	283	206	140	546	151	20	164
	34,481	1,600	8,829	5,253	2,595	3,130	5,315	5,909	1,000	850
Papayasfarms reporting trees pounds	417	129	134	81	21	9	23	12	2	6
	6,643	726	1,883	1,316	550	559	895	292	220	202
	76,136	8,216	13,050	9,300	28,015	2,970	4,245	6,180	1,000	3,160
Pineapples	165	28	57	41	12	6	11	7	1	2
	77,816	1,158	8,727	7,264	9,519	1,590	47,750	1,338	300	170
	48,950	2,068	9,397	6,620	7,810	1,865	18,300	2,470	100	320
Tangerines	422	93	110	. 86	35	21	35	25	4	13
	3,372	295	507	467	262	280	752	334	47	428
	68,447	4,990	17,990	8,124	8,605	3,465	11,928	8,990	400	3,955
Breadfruit <sup>2</sup> farms reporting pounds	513	113	171	94	32	20	40	25	7	11
	315,406	41,264	101,297	49,670	30,385	16,990	36,000	21,100	9,250	9,450
Betelmuts <sup>2</sup> farms reporting pounds	161 37,583	38 5,303	41 11,275	27 7,555	11 1,520	1,400	20 5,875	7	1,000	7 2,375
Cocomuts <sup>2</sup> farms reporting pounds	882	233	284	176	47	29	57	34	9	13
	1,113,967	105,159	273,538	251,449	111,240	57,010	147,021	79,350	12,200	77,000
Gado and other wild root ${\rm crops}^{2},\ldots\ldots,{\rm farms}$ reporting pounds	134 59,025	29 7,060	51 17,750	18 13,170	11 2,905	5 11,600	7 1,620	7 2,170	3 750	2,000
Guavas <sup>2</sup>	177	36	68	32	12	6	12	9	1	1
	10,689	1,415	3,342	2,337	1,350	445	890	830	20	60
Soursops <sup>2</sup> farms reporting pounds	182	20	63	35	20	8	17	11	2	6
	15,656	1,286	3,215	1,900	2,105	2,460	1,700	1,795	120	1,075
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	81	15	21	15	5	5	9	7	2	2
	7,776	1,155	1,601	2,115	235	260	1,325	575	160	350
FISHPONDS Fishponds	8	3		2				1		2
number area, square feet	12 2,479	959	:::	2 240		:::	:::	900		5 380
Average size of fishpondarea, square feet	207	240	•••	120				900		76

 $<sup>^{1}\</sup>mathrm{Less}$  than 1 hectare.  $^{2}\mathrm{Harvested}$  or gathered from trees or plants on farms and elsewhere.

GUAM

Table 6.-FARMS AND FARM CHARACTERISTICS, BY TENURE OF OPERATOR: CENSUS OF 1960

-							
Item (For definitions and explanations, see text)	Total	Full owners	Part owners	Tenants	Permittees	Squatters	Others
FARMS AND LAND IN FARMS							10
Farms	2,026 100.0	1,253 61.8	0.7	72 3.5	316   15.6	355 17.5	18 0.9
Land in farms hectares Percent distribution percent.  Average size of farm hectares	12,994 100.0 6.4	10,420 80.2 8.3	219 1.7 15.6	316 2.4 4.4	1,001 7.7 3.2	953 7.3 2.7	85 0.7 4.7
Land in farms according to use: Cropland, totalfarms reporting hectares	1,360 6,887	750 5,480	12 103	57 246	290 582	242 439	9 37
Used for cropsfarms reporting hectares	1,113 1,319	621 768	10 21	38 26	249 311	186 163	9 30
Used for pasturefarms reporting	478 3,605	270 3,018	7 43	31 200	82 148	86 189	2 7
Not used for crops or pasturefarms reporting	264 1,963	125 1,694	6 39	10 20	80 123	43 87	
Pastureland, total	348 3,434	184 2,704	3 66	8 J 39	72 180	76 399	5 46
Used for pasturefarms reporting hectares	302 3,020	163 2,464	3 66	8 39	54 130	70 300	4 21
Not used for pasturefarms reporting	67 414	39 240			20 50	7 99	1 25
All other landfarms reporting	881 2,673	543 2,236	7 50	16 31	167 239	140 115	8 2
FARMS BY SIZE OF FARM						366	20
Under 1 hectarehectares	815 136	614 , 87	(¹)	19 4	16 7	155 36	10 2
1 to 2 hectaresnumber hectares	549 795	297 431	5 9	29 40	82 130	134	2 5
3 to 4 hectares	368 1,283	124 442	1 4	13 44	193 667	. 35 119	2 7
5 to 7 hectares	87 512	56 329	2 13	2 11	16 94	11 65	
8 to 9 hectares	43 362	33 278	1 8		1 10	6 49	2 17
10 to 19 hectaresnumberhectares	86 1,142	63 . 868	2 22	4 54	8 93	8 95	1 10
20 to 39 hectaresnumberhectares	45 1,232	39 1,111	:::	3 61		3 60	
40 to 49 hectaresnumber hectares	11 467	10 423	:	:::	:::		1 44
50 hectares and over	24 7,065	17 6,451	2 163	2 102		3 349	
LIVESTOCK ON FARMS		,					
Cerabacs	293 984	184 662	4 l	15 73	26 66	60 163	4 9
Cattle and calves, totalfarms reporting	1,021 5,860	669 4,490	7 115	41 260	126 454	169 497	9 44
Milk cowsfarms reporting	147 305	92 198	1 15	10 31	23 36	19 23	2 2
Other cattle and calvesfarms reporting number	992 5,555	655 4,292	7 100	39 229	121 418	162 474	8 42
Goats and kidsfarms reporting	456 2,592	267 1,512	4 . 24	18 72	74 . 347	90 627	3 10
Hogs and pigsfarms reporting number	1,220 7,118	764 4,526	10 180	50 346	176 853	210 1,022	10 191
Horses and colts	36 124	24 80	3 4	2 2	3 22	4	
Chickens 4 months old and overfarms reporting	1,879 137,071	1,156 82,698	12 1,487	66 7,846	301 23,574	330 20,442	1,024
SPECIFIED FIELD CROPS AND VEGETABLES HARVESTED							
Corn, dry	100 30 44,585	63 16 25,480	1 1 700	6 2 2,250	7 2 5,170	22 8 10,705	1 1 280
Cucumbers farms reporting hectares pounds pounds to	110 35 167,675	64 13 69,610	1  45	3 1 2,606	26 3 6,440	13 6	3 12
Taro	501 59 169,800	282 29 91,850	4 (1) 910	12 2 5,690	117 18 42,445	55,160 80 10 27,040	33,814 6 ( <sup>1</sup> ) 1,865

Table 6.-FARMS AND FARM CHARACTERISTICS, BY TENURE OF OPERATOR: CENSUS OF 1960-Continued

Item (For definitions and explanations, see text)				Tenure of o	perator		
(For definitions and explanations, see text)	Total	Full owners	Part owners	Tenants	Permittees	Squatters	Others
SPECIFIED FRUITS AND NUTS HARVESTED							
Avocados	474 2,798 41,931	319 1,937 31,147	6 95 50	8 23 1,150	86 549 5,984	53 . 188 3,420	2 6 180
Bananas, cooking	851 70,094 314,728	531 35,363 213,940	5 264 1,550	26 2,297 8,090	1 <i>5</i> 9 20,933 53,105	123 10,404 34,873	7 833 3,170
Bananas, eating	889 83,593 346,238	550 49,003 258,081	5 466 2,505	26 1,976 6,345	148 14,350 34,693	151 15,280 38,954	9 2,518 5,660
Lemons and limes	602 3,431 53,774	394 2,218 37,898	5 40 100	10 27 800	103 732 8,000	86 404 6,666	4 10 310
Mangoes	498 2,320 145,835	370 1,801 125,830	5 70 680	10 32 1,380	54 211 5,075	54 192 11,690	5 14 1,180
Oranges	407 2,178 34,481	273 1,613 24,625	106 600	7 17 525	56 233 2,112	64 205 6,419	2 4 200
Papayas	417 6,643 76,136	285 4,630 62,296	135 365	11 169 1,580	59 1,195 6,305	54 500 5,440	3 14 150
Pineapples	165 77,816 48,950	93 67,203 38,395	1 50 300	6 665 830	36 5,610 5,405	26 3,588 2,825	3 700 1,195
Tangerines	422 3,372 68,447	275 2,443 54,112	6 97	9 39 1,725	64 544 5,750	67 247 6,775	1 2 85
Breadfruit <sup>2</sup> farms reporting pounds	513 315,406	344 228,354	3,405	10 5,780	61 30,192	87 43,415	6 4,260
Betelnuts 2	161 37,583	109 24,103	1,050	3 220	16 3,530	26 4,060	4,620
Coconuts 2	882 1,113,967	575 749,327	9 6,920	16 15,280	124 164,260	151 173,280	7 4,900
Gado and other wild root crops 2farms reporting pounds	134 59,025	95 40,045	3 135	:::	12 11,100	22 7,045	2 700
Guaves <sup>2</sup> farms reporting pounds	177 10,689	132 7,980	3 112	3 360	16 712	22 1,505	1 20
Scursops 2farms reporting pounds	182 15,656	124 12,541	1 40	7 435	25 1,285	24 1,325	1 30
Starfruits 2	81 7,776	56 5,990	1 50	2 65	10 521	10 940	2 210
FISHPONDS		1					
Fishponds	8 12 2,479	6 7 2,053	1 4 330	:::	1 1 96		
Average size of fishpondarea, square feet	207	293	82		96		

Z Reported in small fractions.  $^{1}\mathrm{Less}$  than 1 hectare.  $^{2}\mathrm{Harvested}$  or gathered from trees or plants on farms and elsewhere.

Table 7.-FARMS AND LAND IN FARMS, BY SIZE OF FARM, BY ELECTION DISTRICTS: CENSUS OF 1960

				<del></del>	<del></del>	Size of farm				
Election district	Total	Under 1 hectare	1 to 2 hectares	3 to 4 hectares	5 to 7 hectares	8 to 9 hectares	10 to 19 hectares	20 to 39 hectares	40 to 49 hectares	50 hectares and over
		·	····		Number o	f farms				
Guam, total	2,028	815	549	368	87	43	86	45	11	24
Agaŭa Agaŭa Heights Agat Agan Barrigada	20 97 83 111 200	9 60 28 43 119	2 13 36 38 37	3 10 12 24 28	1 3 3 4 5	1 1 1	1 8 2 1 5	2 1 1 1 1		2 1  2
Chalan Pago and Ordot.  Dededo. Inarajan. Mangilao. Merizo.	148 188 133 126 119	65 30 26 74 44	49 32 46 24 40	22 104 17 12 19	5 10 6 8 8	1 2 10 2 2	4 6 13 5	2 2 5 	 4 	2 6 1
Mongmong, Toto, Maite. Piti Santa Rita Sinajana Talofofo.	78 18 77 98 116	46 2 58 49 23	15 7 12 36 53	12 8 4 9 13	3  2 4	   5	1 1 1 1 10	1  2  6	  1	  1 1
Tamuning Umatac. Yigo. Yona.	114 47 127 128	68 11 29 31	27 22 8 52	12 10 36 13	1 1 14 9	2 2 7 5	 17 3	11 8	1 1 2 2	3 5
					Land in farms	(hectares)				
Guam, total	12,994	136	795	1,283	512	362	1,142	1,232	467	7,065
Agaña Agaña Heights Agat Asan Barrigada	1,643 283 169 206 562	1 3 1 6	20 45 55 53	10 36 42 81 92	20 20 21 27	9 9 25	15 97 26 16 70	48 20 26 27 21		1,559 78  273
Chalan Pago and Ordot	330 733 1,245 313 300	21 5 9 2 16	68 45 67 36 65	78 360 63 45 69	31 57 35 48 48	9 16 78 17 18	46 74 159 67 59	77 48 117  25	168	128 549 98
Mongmong, Toto, Maite	130 49 98 162 1,029	(1) 5 11 7	18 12 16 42 91	41 27 15 29 47	16  12 24	43	16 10 15 10 151	33 47 176	   40	58 450
Tamming. Umatac. Yigo. Yona	221 137 1,295 4,089	23 4 10 5	33 35 14 76	42 35 129 42	6 5 80 56	17 16 62 43	23  251 37	37 310 220	40 42 89 88	350 3,522

less than 1 hectare.

Table 8.-FARMS AND LAND IN FARMS, BY TENURE OF OPERATOR, BY ELECTION DISTRICTS: CENSUS OF 1960

Election district				Tenure of o	perator		
Election district	Total	Full owners	Part owners	Tenants	Permittees	Squatters	Others
				Number of farms			
Guam, total	2,028	1,253	14	72	316	355	18
Agaña . Agaña Heights . Agat . Asan . Barrigada .	20 97 83 111 200	16 72 46 63 162	 1  1	3 7 1 	1 1 23 19 22	16 11 28 11	 2 1
Chalan Pago and Ordot	148 188 133 126 119	105 42 73 97 91	 1 3 1 1	2 4 18 2 6	13 115 4 12 4	28 23 35 13 14	3  1 3
Mongmong, Toto, Maite Piti Santa Rita Sinajana Talofofo	78 18 77 98 116	59 3 69 56 79	 2  2	 1 14	7 13  15 16	. 6 2 3 12 19	1  2 1
Tamuning	114 47 127 128	74 11 53 82	1 	. 3  1 1	4 11 34 2	31 24 37 42	1 1 1 1 1
			La	nd in farms (hectares	)		
Guam, total	12,994	10,420	219	316	1,001	953	85
Agaña Agaña Heights Agat Agat Barrigada	1,643 283 169 206 562	1,611 216 101 113 449	 5  1	26 44 1 	6 4 52 59 56	14 13 34 45	 2 (¹)
Chalan Pago and Ordot Dededo. Inarajan Mangilao. Merizo.	330 733 1,245 313 300	263 241 964 164 240	64 27 98 2	(1) 2 162 11 11	25 399 20 40 13	42 27 72 (1)	(i) (i) 22
Mongmong, Toto, Maite Piti Santa Rita Sinajana Talofofo	130 49 98 162 1,029	109 11 87 109 899	 1 	. 3  3 15	17 37  34 49	1 1 2 4 71	(1)  (1)
Tenuning Umatac Yigo Yona	221 137 1,295 4,089	168 74 580 4,021	3  8 		11 26 151 2	31 34 494 56	1 3 44 8

Less than 1 hectare.

Table 9.-FARMS AND LAND IN FARMS, BY OWNERSHIP, BY ELECTION DISTRICTS: CENSUS OF 1960

	All land	in forms	Land	owned	Land :	rented thers		rented others		occupied permit	Land o	ccupied atters		urnished ernment
Election District	Farms report- ing	Hectares	Farms report- ing	Hectares	Farms report- ing	Hectares	Ferms report- ing	Hectares	Farms report- ing	Hectares	Farms report- ing	Hectares	Farms report- ing	Hectares
Guam, total	2,028	12,994	1,277	9,534	18	28	92	433	414	1,284	428	1,759	30	12
Agaña. Agaña Heights. Agat Asan Barrigada	20 97 83 111 200	1,643 283 169 206 562	16 74 46 63 163	1,610 213 87 95 448	 2  3	1 	3 8 2  5	26 48 4  12	1 3 26 24 25	6 7 64 74 64	1 17 12 29 11	1 16 14 37 48	 4 1 2	(1) (1) (1)
Chalan Pago and Ordot Dededo Inerajan Mangilao Merizo	148 188 133 126 119	330 733 1,245 313 300	105 44 76 99 93	263 287 946 182 202	2  5 2	1  2 3	2 5 21 3 7	(1) 8 174 74 12	14 116 6 15 14	21 409 53 59 61	30 23 35 13 25	47 27 72 ( <sup>1</sup> ) 28	 5  4	 (i) 
Mongmong, Toto, Maite	78 18 77 98 116	130 49 98 162 1,029	59 3 72 56 85	107 12 57 109 246	1  2	 5  3	6  5 14 3	 4 14 17	7 13 21 15 52	17 41 17 34 107	7 2 12 12 48	2 1 20 5 662	 1 1 4	(1) (1) (1) (1)
Tamuning	114 47 127 128	221 137 1,295 4,089	76 11 54 82	167 24 507 3,972	 1 	 2 	 3 1	 26 2	5 16 39 2	14 78 156 2	31 25 51 44	31 35 608 105	2  2	1  8

 $<sup>^{1}\</sup>mathrm{Less}$  than 1 hectare.

Table 10.-FARMS AND LAND IN FARMS, ACCORDING TO USE, BY ELECTION DISTRICTS: CENSUS OF 1960

į	[]		Crop	land			Pastureland		
Election district	Total	Total	Used for crops	Used for pasture	Not used for crops or pasture	Total	Used for pasture	Not used for pasture	All other land
				N	umber of farms				
Guam, total	2,028	1,360	1,113	478	264	348	302	67	
gaña. gaña Heights. gat. san. arrigada.	20 97 83 111 200	17 32 53 58 79	16 29 42 44 70	5 13 16 10 21	1 4 10 18 10	6 14 19 32 20	5; 13 14 32 18	2 1 7 1 2	
halan Pago and Ordot	148 188 133 126 119	86 163 130 43 105	82 115 74 26 100	13 35 90 27 36	3 81 35 9 10	12 15 6 7 18	8 11 2 7 18	5 4 5 	:
ongmong, Toto, Maite	78 18 77 98 116	51   16   40   77   109	47 16 39 65 100	10 4 2 18 15	6 1 2 12 10	2 4 30 8 6	2 3 30 7 6	1 2 3 2 1	
amuning	114 47 127 128	63 43 104 91	52 42 76 78	17 32 71 43	12 7 19 14	2 15 84 48	2 15 63 46	 24 6	:
_	<del></del>		<del> </del>	Lan	d in farms (hect	ares)			
Guam, total	12,994	6,887	1,319	3,605	1,963	3,434	3,020	414	2,0
gaña. gaña Heights gat. san. arrigada.	1,643 283 169 206 562	64 52 109 97 241	9 25 69 40 92	29 16 27 24 109	26 11 13 33 40	1,574 46 55 85 44	1,566 44 32 85 41	8 2 23 ( <sup>1</sup> )	:
halan Pago and Ordotdededonarajanangalaoangilaoang	330 733 1,245 313 300	91 437 961 197 205	57 158 103 58 97	24 120 760 109 95	10 159 98 30 13	59 46 130 80 72	18 30 60 80 71	41 16 70 	1
ongmong, Toto, Maitetti. anta Rita	130 49 98 162 1,029	103 35 56 75 395	42 28 31 41 188	22 7 23 23 146	39 ( <sup>1</sup> ) 2 11 61	12 5 37 68 28	9 2 37 51 24	3 3 (1) 17 4	
amuningmatac	221 137 1,295 4,089	83 67 573 3,046	26 17 109 129	28 41 347 1,655	29 9 117 1,262	36 70 690 297	36 70 481 283	 209 14	;

<sup>1</sup> Less than one hectare.

Table 11.-LIVESTOCK AND POULTRY ON FARMS, APRIL 1, BY KIND, BY ELECTION DISTRICTS: CENSUS OF 1960

	Care	ibaos	Cat	tle	Milk	COWS	Other	cattle	Goats ar	nd kids
Election district	Farms reporting	Number	Farms reporting	Number	Farms reporting	Number	Farms reporting	Number	Farms reporting	Number
Guam, total	293	984	1,021	5,860	147	305	992	5,555	456	2,592
Agaña Agaña Heights Agat	1 3 37	85 10 67	12 44 24	733 118 86	10 7	21 8	12 43 22	733 97 78	4 17 26	19 126 221
Asan Barrigada	1 2	1 2	57 115	263 456	5 15	9 26	57 109	254 430	11 42	19 207
Chalan Pago and Ordot Dededo Inarajan	3  94	506	83 69 93	273 233 848	5 18 12	5 24 31	81 63 93	268 209 817	34 43 38	123 179 183
Mangilao Merizo	4 54	4 97	94 81	387 342	15 6	38	94 81	349 336	45 19	243 44
Mongmong, Toto, MaitePiti	1 2 5 3 32	1 4 8 14 63	36 4 21 31 42	135 11 125 121 273	2  6 6 10	2  11 13 54	35 4 21 30 37	133 11 114 108 219	21 3 17 14 24	72 11 139 42 206
Tamming. Umatec Yigo. Yona.	2 31 6 12	4 79 10 25	25 25 63 102	82 122 310 942	4 3 19 4	13 3 35 6	24 24 60 102	69 119 275 936	11 12 35 40	100 63 346 249
	Hogs and	l pigs	Horses a	nd colts	Chic	kens	Duc	ks	Pige	ons
Election district	Ferms reporting	Number	Farms reporting	Number	Farms reporting	Number	Farms reporting	Number	Farms reporting	Number
Guam, total	1,220	7,118	36	124	1,879	137,071	159	2,137	71	2,048
Agaña Agaña Heights	14 46 57 65 125	116 163 320 225 759	2 1 1 1	11 3 1 4	17 88 71 96 192	4,489 4,851 7,245 3,069 15,681	2 11 13 2 13	12 54 181 23 75	2 5 3 2 11	13 83 76 52 140
Chalan Pago and Ordot	87 104 99	284 812	1	1	133 180 131	5,929 8,841 12,910	7 13 8	54 125 30	2 4 3	40 140 29
Inarajan Mangilao Merizo	70 81	731 255 241	14 2 1	42 2 3	115 115 114	12,405 5,574	17 4	912 9	9 4	445 93
Mangilao	70	255	2	2	115	12,405	17	912		

 $\begin{array}{c} \text{Table 12.} - \text{FIELD CROPS AND VEGETABLES-FARMS REPORTING, AREA, AND QUANTITY HARVESTED, BY } \\ \text{ELECTION DISTRICTS: CENSUS OF 1960} \end{array}$ 

		Green beans		Ch.	inese cabbag	ge		Cassava			Corn, dry	
Election district	Farms reporting	Hectares	Pounds harvested	Farms reporting	Hectares	Pounds harvested	Farms reporting	Hectares	Pounds harvested	Farms reporting	Hectares	Pounds harvested
Guam, total	240	28	49,911	95	10	45,180	244	24	95,497	100	30	44,585
Agaña Agaña Heights	1 4	(1)	1,000	1 2	1 (1)	2,000 90		(i)	100		(i)	500
Aget	10	(1)	1,120 580		(1)	115	21 4	(1)	7,445 330		(1)	1,700
Barrigada	17	2	3,770	9	1	2,350	11	(1)	2,652	11	2	3,650
Chalan Pago and Ordot	15 34	1 3	3,240 4,856	5 10	(¹)	1,140 495	17 22	1 5	6,300 3,060	5 4	2 1	2,250 1,170
Inarajan Mangilao	10	(1) (1)	2,325 360	3 1	(1) (1)	2,445 800		(¹)	200	23 9	11 1	15,130 4,175
Merizo	20	(1)	3,560	10	(1)	2,500	34	1.	12,100	5	1	2,310
Mongmong, Toto, Maite	2	1 2	350 650	3 2	(1) (1)	350 110	4 2	1 1	1,250 1,000	1	(1)	300
Santa Rita	2 7	(1)	150 600	 1	( <sup>2</sup> )	30	1 5	(1) 1	900 870	1 2	(1) (1)	50 245
Talofofo	45	Ì	9,550	29	4	22,675	59	5	35,535	18	3	5,510
Tamuning	4 9	· (1)·	250 1,055		(i)	100	2 18	(1) (1)	1,900 4,910			2,275
Yigo Yona	40 11	6 2	12,650 3,645	12 2	2	8,580 1,400	12 30	1 7	4,525 12,420	3 7	1 7	1,500 3,820
		Corn, green			Cucumbers			Eggplant			Green onions	
Election district	Farms reporting	Hectares	Pounds harvested	Farms reporting	Hectares	Pounds harvested	Farms reporting	Hectares	Pounds harvested	Farms reporting	Hectares	Pounds harvested
Guam, total	102	26	55,015	110	35	167,675	370	21	65,529	106	8	22,487
Agaña		ii)	:::	1	(1)	2,000	3	(1) (1)	210 420		;;; (²)	 55
Agaña Heights Agat	3	(1)	800 4,450	1 2	(2) (1)	100 45	14	(1)	2,530	3	(1) (1)	638
Asan Barrigada	8	(*)	95 6,750	2 7	5	160 35,095	5 29	(1)	190 3,555	3 8	(1)	125 615
Chalan Pago and Ordot	9	2	2,570	5	1	6,660	23	1	4,005	4	(¹)	160
Dededo Inarajan	6 7	1 2	1,080 7,500	10 8	2 3	2,355 9,700	36 10	1	7,155 6,265	16 7	1 (1)	1,105 4,840
Mangilao Merizo	2 4	(1)	1,070	13	( <sup>2</sup> )	22,300	8 17	( <sup>1</sup> )	1,895 2,325	2 8	(1)	2,014 840
Mongmong, Toto, Maite	2	(1) (1)	1,500	4	(1)	1,075	16	1	1,787	2	(i)	275
Santa Rita	1 1	(1)	50 290	3	)1) (1)	270 730	9 27	(1)	1,100 730 1,105	1 2	\ i	900 70
Talofofo	31	8	21,875	21	4	29,305	71	4	14,715	23	2	4,080
Tamuning	1	(1)	1,000	1	(1) (2)	180	15	. 2	1,005	3	(1) (1)	320
Umatac Yigo Yona	1 4 8	(1)	1,600 2,165	1 16 9	15	10 54,960 2,585	6 32 42	(1) 3	895 10,660 4,982	1 12 8	1 2	100 2,760 3,590
		Lettuce			Melons	2,505	1	Mungo beans	4,702		Peppers	3,550
Election district	Farms reporting	Hectares	Pounds harvested	Farms reporting	Hectares	Pounds harvested	Farms reporting	Hectares	Pounds harvested	Farms reporting	Hectares	Pounds harvested
Guam, total	7	(1)	787	84	15	81,601	4	(1)	316	149	5	15,189
		(1)										
Agaña Heights	1	(1) (2) (2)	100	:::		:::	:::	(i)		1 4	(1) (1) (1)	1,000 75
Agat		1	20		:::				200	6	(1) (2)	648 15
Barrigada				2	1	2,500				9	1	1,765
Chalan Pago and Ordot	i	įi;	10	3	(1)	2,420 746			:::	10	(¹)	640 1,350
Inarajan Mangilao	2	(1)	482 135	11	( <sup>2</sup> )	15,700			:::	2	(1) (2) (1)	440 10
Merizo				18	) š			:::	:::	5	(1)	300
Mongmong, Toto, Maite				3	1	1				4	(3)	180
Santa Rita	:::	:::	:::	:::	:::	:::			:::	2		50 105
Talofofo	:::	:::	:::	26	2	13,830	"i	(²)	10	22 37	(1)	5,342
Tamming				1	( <sup>2</sup> )	60				2	(²)	93
Umatac Yigo	:::	:::	:::	8				(i) (2)	100			
Yona	•••			5	1	1,720	1	(*)	6	8	1	960

 $<sup>^{1}\</sup>mathrm{Less}$  than 1 hectare.  $^{2}\mathrm{Area}$  not reported for farms harvesting less than 50 pounds.

 $\begin{array}{c} \text{Table 12.} - \text{FIELD CROPS AND VEGETABLES-FARMS REPORTING, AREA, AND QUANTITY HARVESTED, BY } \\ \text{ELECTION DISTRICTS: CENSUS OF 1960-Continued} \end{array}$ 

		Pumpkins			Radishes			Rice		S	weetpotatoes	3
Election district	Farms reporting	Hectares	Pounds harvested	Farms reporting	Hectares	Pounds harvested	Farms reporting	Hectares	Pounds harvested	Farms reporting	Hectares	Pounds harvested
Guam, total	115	12	43,330	54	2	9,464	2	3	7,525	160	24	67,519
Agaña Agaña Heights. Agat Asan Barrigada	1 3 8 1 9	(2) (1) (1) (1) (1)	20 90 2,825 100 2,205	1 1 4 	(1) (1) (2) (1)	100 300 105  275		:::	:::	2 2 8 2 6	(1) (1) (1) (1) (1)	149 250 2,200 550 1,300
Chalan Pago and Ordot.  Dededo.  Inarajan  Mangilao.  Merizo.	12 12 3 1 3	1 1 (2) (1)	5,005 2,050 2,400 30 950	3 5 3  6	(1) (1) 1 (1)	900 220 3,039  1,170		  		6 29 2 3 3	(1) 8 1 (1) (1)	0,850 5,170 1,200 3,100 400
Mongmong, Toto, Maite	3  1 26	(¹)  (²) 2	225  40 7,540	3 1  1 13	(1) (2) (2) (2)	85 40  30 1,660			7,525	5 3  5 44	(¹)  1 5	1,025 525  445 32,540
Tamun'ing. Umatac. Yigo. Yona.	3 1 18 10	(1) (1) 6 1	685 200 17,750 1,215	7	(i) (1)	500 1,040				23 15	1  4 3	480  11,150 5,185
Election district		Taro			Tomatoes			Watermelons	, <del></del>		Yems	
	Farms reporting	Hectares	Pounds harvested	Farms reporting	Hectares	Pounds harvested	Farms reporting	Hectares	Pounds harvested	Farms reporting	Hectares	Pounds harvested
Guam, total	501	59	169,800	106	11	30,827	99	27	77,225	301	15	97,753
Agaña Agaña Heights Agat Asan Barrigada	8 24 15 30	(1) (3) 1	2,325 7,330 3,455 6,945	2 2 3 4 12	(1) (1) (1) (1) 2	512 240 2,175 101 1,385	3 3 	(i) (1) 	310 525  10,150	 6 19 3 21	(1) (1) (1)	295 4,103 750 2,165
Chalan Pago and Ordot.  Dededo.  Inarajan  Mangilao  Merizo.	29 48 13 5	3 15 4 1 1	5,600 1,125	4 12 3 2 14	(1) 1 (1) 2	390 1,465 2,660 375 14,629	2 14 12 	(1) 6 4 	1,200 5,830 26,150  7,320	23 23 4 8 41	1 3 1 1	10,065 2,225 900 4,800 19,773
Mongmong, Toto, Maite	15 4 35 33	1 1 3 6	3,125 1,350 7,120 3,975 26,475	2 1  5	(1) (1) (i) 1	95 - 50 - 395 2,035	5  1 27	1  ( <sup>1</sup> ) 3	1,155  50 10,520	6 1 22 8 51	(1) (1) 1 2	995 50 5,885 830 24,425
Talofofo	66		1									

<sup>&</sup>lt;sup>1</sup>Less than 1 hectare. <sup>2</sup>Area not reported for farms harvesting less than 50 pounds.

Table 13.-FRUITS-FARMS REPORTING, NUMBER OF TREES OR PLANTS, APRIL 1, 1960, AND QUANTITY HARVESTED, 1959, BY ELECTION DISTRICTS: CENSUS OF 1960

		Avocados		Be	nanas, cooki	ng		Bananas, eatin	g	(	dustard apple	es
Election district	Farms reporting	Number of trees	Pounds	Farms reporting	Number of hills	Pounds	Farms reporting	Number of hills	Pounds	Farms reporting	Number of trees	Pounds
Guam, total	474	2,798	41,931	851	70,094	314,728	88	9 83,593	346,238	11	159	565
Ageña	9	56	650	13	1,252	2,110	1		1,140			
Agama Heights	10 21	40 80	2,550 1,175	32	645 4,480	2,345	2		6,655 25,890			:::
Asan	13	160	2,365	29	594	3,360	2	5 451	1,894	• • • •		.::
Barrigada	32	139	3,260	52	2,815	19,850	4	2,490	6,925	1	3	15
Chalan Pago and Ordot	63	191	2,525	67	3,811	15,813	5		14,633	1	9	30
DededoInarajan	20 5	119 13	2,584 250	69 57	9,612 7,537	21,440 44,300	5		10,358 66,440		90	520
Mangilao	30	174	1,330	36	3,537	12,710	1	9 16,05	4,155			
Merizo	48	141	406	92	6,185	81,020	8	5,913	63,355	•••		
Mongmong, Toto, Maite	16 10	232 104	1,915 100	37 12	3,565 1,519	14,345	3	7 2,475 8 1,495	11,525 1,740		57	
Piti Santa Rita	14	41	1,280	65	955	15,795	6		10,635			:::
Sinajana	10	27 1 <b>7</b> 9	570	66 85	1,743	6,835			9,375	•••		
Telofofo	50	179	4,280		8,123	28,985	,	16,167	50,490			
Tazauning	26 8	67 20	1,705	12 16	399 580	995 880			5,882 1,230			
Yigo	58	616	11,625	57	7,436	14,120		1 9,767	15,100	• • • • • • • • • • • • • • • • • • • •	:::	:::
Yona	31	399	3,361	43	5,306	7,965	7	11,231	38,816	•••		•••
		Grapefruit		Le	emons and lim	es		Mangoes			Oranges	
Election district	Farms reporting	Number of trees	Pounds	Farms reporting	Number of trees	Pounds	Farms reporting	Number of trees	Pounds	Farms reporting	Number of trees	Pounds
Guam, total	76	228	4,775	602	3,431	53,774	49	2,320	145,835	407	2,178	34,481
Agaña	1	1 45	1,000	9	39 21	430 1,450			1,800 4,360	.2	22 12	500 815
Agat	3	9		18	115	1,140	] 3.	2 194	28,650	11	35	710
Asan Barrigada		13	 50	10 41	54 232	1,045 4,198	10		4,685 22,355	5 25	160 150	305 545
Det 1 1 Games		15	50	1	252	4,190	*	402	22,333	25	150	545
Chalan Pago and Ordot	2	7	100	65 28	231 169	5,775 4,585	6	3 238 5 82	13,100 300	43 5	165 38	2,090 110
Inarajan	2	7		33	255	2,825	1	101	6,125	29	135	3,690
Mangilao Merizo	6	23	85 80	33 58	274 246	3,060 1,235	7:		575 20,250	18 61	289 151	225 4,605
Mongmong, Toto, Maite	3	7	45	16	35	1,300	1:	3 45	4,825	11	30	100
Piti	1	4		14	60	125	1	9 62	100	6	45	500
Santa Rita		i		17	44 43	1,925 465	1 1		10,510 3,175	3	3 12	170 157
Talofofo	33	67	2,980	58	275	8,380			7,400	39	144	8,380
Tamuning	2	4		59	294	1,900			100	39	137	195
Umatac Yigo		14	150	13	45 629	120 8,155			3,425 5,775	11 44	36 357	450 4,075
Yona	9	22	285	48	370	5,661	3	190	8,325	44	257	6,859
		Papa	yas			Pine	apples			Tange	rines	
Election district	Farms reporting	Numbe tre		Pounds	Farms reporting		ber of rees	Pounds	Farms reporting		er of ees	Pounds
Guam, total		417	6,643	76,136		165	77,816	48,950		422	3,372	68,447
Agaña		10	125	100		5	323			8	123	960
Agaña Heights		7	50 540	1,550 30,280		2 10	90 1,455	150		10	38	2,640
Asan	i	14	113	1,765		6	148	7,075 708		11 4	43 212	265 2,800
Barrigada		21	190	2,315		9	657	1,168		28	301	3,450
Chalan Pago and Ordot		57	707	4,645		23	4,381	4,990		59	304	4,964
DededoInarajan		20 14	335 1,048	3,750 3,100		6 15	1,215 3,500	2,265 3,385		12 15	66 81	800
Mengilao	İ	21	238	425	Ì	4	202	•••		25	260	1,555 4,560
Merizo		35	271	3,450		27	18,853	10,369		31	58	1,253
Mongmong, Toto, Maite		14	216	1,470		3	95	30		12	51	1,125
PitiSanta Rita		9	110	300 2,160		4	1,105	200		7	94	50
Sinajana		21 34	190	2,196		7	7771	930		8	28	500
Talofofo		7	823	4,170		13	2,106	975		35	126	12,380
Tamuning		45	418 49	1,915 60		6	1,072	25		40	106	61.5
Yigo		20	523	1,930		11	41,335	15,795		61	775	15,110
Yona		43	595	10,555		12	428	885		52	634	15,420
					<u> </u>							

Table 14. —SPECIFIED CROPS  $^{\!1}$  -FARMS REPORTING AND QUANTITY HARVESTED OR GATHERED, BY ELECTION DISTRICTS: CENSUS OF 1960

	Anor	na.e	Breadf	ruit	Betelr	nute	Cocor	nuts
Election district	Farms reporting	Pounds	Farms reporting	Pounds	Farms reporting	Pounds	Farms reporting	Pounds
Guam, total	46	3,423	51.3	315,406	161	37,583	882	1,113,967
Agaña		1,060	9 12	6,535 4,915	 1		14 15	3,114 40,875
Aget	2	90	27	28,320	7	1,905	25	22,770
Asan	8 1	1,005	18	9,850	2	70	22	9,730
Barrigada	11	420	41	19,800	4	253	71	46,235
Chalan Pago and Ordot			55	23,130	6	525	97	120,801
Dededo	5	145	11	2,512	4	355	60	160,400
Inarajan	•••	•••	22	22,340	11	5,650	. 45	39,625
Merizo	2	105	58	35,974	13	7,130	94	86,635
Mongmong, Toto, Maite	•••		5	760		•••	25	9,870
Piti	i i	100	2	3,625			6	32,625
Santa Rita	2	130	12	7,920	5	1,470	24	7,550
Sinajana	•••	•••	6	1,005	1	120	21	11,800
Talofofo	6	163	83	61,865	32	6,915	107	171,488
Temming	2	100	40 18	7,240	32	1,965	85	52,495
Umatac Yigo	2	35	41	9,050 28,100	7	2,340 2,465	26 64	28,110 100,600
Yona	2	70	52	32,465	23	6,370	81	169,244
				72,407		0,510	0.1	207,2011
	Gado and	l other	Guav		Soure		Starfı	
Election district	Gado and wild roo	l other	Guav		Sours		Starfı Farms	
Election district	Gado and wild roo Farms reporting	d other ot crops	Guav Farms reporting	8.6	Sours Farms reporting	Pounds	Starfn Farms reporting	ruits Pounds
Election district  Guam, total	Gado and wild roo	d other ot crops	Guav	8.6	Sours	sops	Starfı Farms	ruits Pounds
Guam, total	Gado and wild room Farms reporting	Pounds  59,025	Farms reporting	Pounds 10,689	Farms reporting	Pounds 15,656 720	Starf: Farms reporting 81	Pounds 7,776
Guam, total	Gado and wild roo	Pounds  Founds  1,500 950	Farms reporting 1777	Pounds 10,689 240 335	Soure Farms reporting 182	Pounds 15,656 720 535	Starfn Farms reporting 81	Pounds 7,776
Guam, total	Gado and wild room Farms reporting	Pounds 59,025	Farms reporting	Pounds 10,689 240 335 180	Farms reporting	Pounds 15,656 720	Starf: Farms reporting 81	Pounds 7,776 200 375 50 485
Guam, total	Gado and wild room Farms reporting	Pounds  59,025  1,500 950 1,000	Farms reporting	Pounds 10,689 240 335	Farms reporting	Pounds  15,656  720 535 580	Starfx Farms reporting 81 1 3 1	Pounds 7,776 200 375 50 485
Guam, total	Gado and wild room Farms reporting	Pounds  Pounds  59,025  1,500 950 1,000 625 725	Farms reporting	Pounds  10,689  240 335 180 1,265 2,267	Farms reporting  182  3 7 7 9 10	Pounds  15,656  720 535 580 725 380	Starfx Farms reporting 81 1 3 1 4 1	Pounds 7,776 200 375 50 485 60
Guam, total	Gado and wild room Farms reporting 134	Pounds  Founds  59,025  1,500 950 1,000 625 725  3,200 230	Farms reporting 1777 5 3 5 5 16 37 14 4 4	Pounds  10,689  240 335 180 1,265 2,267  765 110	Farms reporting  182  3 7 7 9 10  7 11	Pounds  15,656  720 535 580 725 380  330 533	Starfx Farms reporting 81 1 3 1 4 1	Pounds 7,776 200 375 50 485 60
Cuam, total	Gado and wild room Farms reporting 134	Pounds  Pounds  59,025  1,500 950 1,000 625 725	Cuav Farms reporting 177 5 3 5 16 37	Pounds  10,689  240 335 180 1,265 2,267  765 110 80	Farms reporting  182  3 7 7 9 10  7 11 2	Pounds  15,656  720 535 580 725 380 330 5335 5240	Starfn Farms reporting 81 1 3 1 4 1 10 12	Pounds 7,776 200 375 50 485 60 1,825 476
Guam, total	Gado and wild room Farms reporting 134	Pounds  Founds  59,025  1,500 950 1,000 625 725  3,200 230	Farms reporting 1777 5 3 5 5 16 37 14 4 4	Pounds  10,689  240 335 180 1,265 2,267  765 110	Farms reporting  182  3 7 7 9 10  7 11	Pounds  15,656  720 535 580 725 380  330 533	Starfx Farms reporting 81 1 3 1 4 1	Pounds 7,776 200 375 50 485 60
Guam, total	Gado and wild room Farms reporting 134	Pounds  Founds  59,025  1,500 950 1,000 6025 725  3,200 230 550 3,075	Farms reporting 1777 5 5 3 5 5 16 37 14 4 4 2 1 11	Pounds  10,689  240 335 180 1,265 2,267  765 110 80 200 380	Farms reporting  182  3 7 7 9 10  7 11 2 3 3	Pounds  15,656  720 535 580 725 380  330 535 5240 725	Starfn Farms reporting  81  1 3 1 4 1 10 12 1 4	Pounds  7,776  200 377 55 485 60  1,825 476 100 100
Guam, total	Gado and wild room Farms reporting 134	Founds  Founds  59,025  1,500 950 1,000 625 725  3,200 230 550 3,075	Cuav Farms reporting  177  5 3 5 16 37 14 4 2 1 11	Pounds  10,689  240 335 180 1,265 2,267  765 110 80 200 380  72	Source Farms reporting  182  3 7 7 9 10  7 11 2 2 3 3 26	Pounds  15,656  720 535 580 725 380  330 535 240 725 889	Starfx Farms reporting 81 1 3 1 4 1 10 12 1 4	Pounds 7,776 200 375 50 485 60 1,825 476 100 100
Guam, total	Gado and wild room Farms reporting 134 1 3 1 1 3 2 2 11 2 2 13	Pounds  Pounds  59,025  1,500 950 1,000 625 725  3,200 230 550 3,075	Cuav Farms reporting  1777  5 5 3 5 5 16 6 37 14 4 4 2 1 1 11 11 3 3	Pounds  10,689  240 335 180 1,265 2,267  765 110 80 200 380 72 140	Farms reporting  182  3 7 7 9 9 10  7 11 2 3 3 26	Pounds  15,656  720 535 580 725 380  330 535 240 725 889  770 100	Starfn Farms reporting  81  1 3 1 4 1 10 12 12 14	Pounds 7,776 200 375 50 485 60 1,825 476 100 100 960
Guam, total	Gado and wild room Farms reporting 134	Founds  Founds  59,025  1,500 950 1,000 625 725  3,200 230 550 3,075	Cuav Farms reporting  177  5 3 5 16 37 14 4 2 1 11	Pounds  10,689  240 335 180 1,265 2,267  765 110 80 200 380  72	Farms reporting  182  3 7 7 9 10  7 11 2 3 3 26	Pounds  15,656  720 535 580 725 380 725 380 725 889	Starfx Farms reporting 81 1 3 1 4 1 10 12 1 4	Pounds 7,776 200 375 50 485 476 100 100 960
Guam, total	Gado and wild root	7 other of crops  Pounds  59,025  1,500 950 1,000 625 725  3,200 230 550 3,075	Guav Farms reporting  1777  5 5 3 5 5 16 37 14 4 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Pounds  10,689  240 335 180 1,265 2,267  765 110 80 200 380  72 140 70 1,180	Farms reporting  182  3 7 7 9 10  7 111 2 3 3 26  5 5 2 4 32	Pounds  15,656  720 535 580 725 380  330 535 240 725 889  770 100 205 1,557	Starfx Farms reporting  81  1 3 1 4 1 10 12 14 2 1 7 1 8	Pounds 7,776 200 375 50 485 476 100 100 960
Guam, total.  Agaña Agaña Heights Agat Asan. Barrigada.  Chalan Pago and Ordot Dededo. Inarajan Mangilao Merizo  Mongmong, Toto, Maite Piti Santa Rita Sinajana Talofofo  Tamming	Gado and wild room Farms reporting 134 1 3 1 1 3 2 2 11 2 2 13 3 48	Pounds  Pounds  59,025  1,500 950 1,000 625 725  3,200 230 550 3,075  150 2,400 315 35,770	Cuav Farms reporting  1777  5 3 5 5 16 6 37  14 4 4 2 1 1 11  3 2 2 2 35	Pounds  10,689  240 335 180 1,265 2,267  765 110 80 200 380  72 140 70	Farms reporting  182  3 7 7 9 10  7 11 2 3 3 26	Pounds  15,656  720 535 580 725 380  330 535 240 725 889  770 100	Starfx Farms reporting  81  1 3 1 4 1 10 10 12 1 4	Pounds 7,776 200 375 50 485 60 1,825 476
Guam, total	Gado and wild root	7 other of crops  Pounds  59,025  1,500 950 1,000 625 725  3,200 230 550 3,075	Guav Farms reporting  1777  5 5 3 5 5 16 37 14 4 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Pounds  10,689  240 335 180 1,265 2,267  765 110 80 200 380  72 140 70 1,180	Farms reporting  182  3 7 7 9 9 10  7 11 2 3 3 26  5 2	Pounds  15,656  720 535 580 725 380  330 535 240 725 889  770 100 205 1,557	Starfr Farms reporting  81  1 3 1 4 1 10 12 12 1 4	Pounds 7,776 200 375 50 485 60 1,825 476 100 100 960 40 370

<sup>&</sup>lt;sup>1</sup>Harvested or gathered from trees or plants on farms and elsewhere.

# **APPENDIX**

The Questionnaire

(17)

This census is authorized by Act of Congress, United States Code, Tiles conditions accorded confidential treatment. The census report cannot be used	le 13, Sections 5, for purposes of	9, 142, 221-4, requiring that the inquiries latastion, investigation, or regulation.	be answered	completely and accura	stely, and guaranteeing that the information furnished be Badget Bureau No. 41-2897 Approval expires September 39, 1860
GUAM U.S. DEPARTMENT OF COMMERCE—BUREAU OF THE CENSUS PARSONS, KANSAS	Section	III.—FIELD CROPS AND VEGETABLE	S HARVEST	ED IN 1959	(1) How many
A1 No. A1 CENSUS OF AGRICULTURE 1960	(Answer these t	wo questions for each kind of crop.)	How many pounds were	How much area was harvested in 1959? (Give area only when quantity harvested	(Answer this question for each kind of pounds were fruit or nut.)  Transfer the pounds were harvested in 19587  Pounds
If any member of the household harvested (or gathered) any crops, vegetables, fruits, or nuts in 1955; or kept any livestock or poultry; or had a fishpond on April I, 1960, fill this questionnaire.		_	harvested in 19597 Pounds	was 50 pounds or more)	Which of the following 48. Betelnuts?
Section I.—OPERATOR, TENURE, AND AREA, APRIL 1, 1960	Which of the following	15. Green beans?			nuts, and other crops were 50. Gado, and other wild root crops?
(Enter in question I the name of the operator (the person in charge of the agricultural operations).)	crops were harvested in 19597	17. Cassava (tapioca, mandioka)? .			gathered by you 51. Guavas? or your family in 1950, from this 52. Soursops?
i. What is your name (the operator)?		19. Corn, green?			place and from other land— 53. Starfruits?
(First name) (Middle name) (Last name)		20. Cucumbers?			Anonas? Give name
2. How many hectares do you own?		22. Green onions?			Section V.—LIVESTOCK AND POULTRY ON APRIL 1, 1960  How many 55. Carabaos of all ages? Number
3. How many hectares do you rent to others? None (Omit land used by U.S. Military Services.) (Hectares)	(If two or mor	muskmelons, pepinos)?  25. Mungo beans?			of the S6. Cattle and calves of all ages?
4. How many hectares do you rent from others? . None (Include cropland, grazing or pasture land, and all other land.) Name of owner.	crops were harvested in 1959 on the same land,	26. Peppers?			are on this place— how many are— the following time last year or this year)  58. Other cattle and calves?
5. For how many hectares do you have a None Isad permit? (Include cropland, grazing or pasture land, and all other land.)	report the total area of each crop harvested.)	29. Rice?			(The sum of questions 57 and 58 must equal the total for question 56.)  59. Goats and kids of all ages?
6. How many hectares do you occupy as a squatter? None (Hectares)  7. How many hectares are furnished you in (Ares)		31. Taro?			60. Hogs and pigs of all ages? Number
connection with your living quarters by the Government? If less than 10 ares (1,000 sq. neters or about 10,000 sq. ft.) check and do not report number of ares.		33. Watermelons?			62. Chickens 4 months old and over? Number  63. Other poultry of all ages? (Ducks, guines, pigeons, turkeys, etc.) (Give name.)
8. Total area in this place?	Section I	Gire name  V.—FRUITS AND NUTS: TREES, APRIL HARVESTED IN 19	I, 1960, AN	D QUANTITY	Number
(Add hectares and ares for questions 2, 4, 5, 6, and 7, and subtract hectares and ares for question 3.)  (Add hectares and ares for question 3.)  (Add hectares and ares for question 3.)	Muddinillaste ide in	(Answer these two questions for each kind of fruit tree or plant on this place.)	How ma pounds w harveste	ere trees or plants d are on this	64. Number of fishponds
Section II.—PAND USE	Which of	36. Avocados?	Pounds	Number	feet by feet feet by feet
Of the total area in this area.	the following kinds of fruit trees or	37. Bananas, cooking?  38. Bananas, cating?		Hills	REMARKS:
area in this lo. Cropland used for pasture? None (Hectures) (Ares)	plants are on this place—	39. Grapefruit? . 40. Lemons and limes? .		Number	
8- (Hectares) (Area)  12. Pastureland used for [None ]		41. Mangos?		Number	Section VII.—ENUMERATOR'S RECORD—To be filled by Census Enumerator
13. Pastureland not used for		43. Papayas?		Number Number	Election District  If iand is located in a city or village, give name  Your Enumeration District No.  Household No.
14. All other land in this place? . None (Hectares) (Ares)		45. Tangerines?		Number	Certified by Date
(The sum of the entries for questions 9 through 14 should equal entry for question 8.)		Citrons? Custard-apples?		Number	