

Jamaica - Census of Agriculture, 2007

Director General of the Statistical Institute of Jamaica (STATIN)

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Overview

Identification

ID NUMBER

JAM_2007_CA_v01_EN_M_v01_A_OCS

Overview

ABSTRACT

A census of agriculture is a large-scale, periodic, statistical operation for the collection of quantitative information on the structure of agriculture. The 2007 census of agriculture of Jamaica was conducted as part of the United Nations Food and Agriculture (FAO) world programme for the 2010 round of censuses, covering the period 2005-2014. The Statistical Institute will undertake the core census module in 2007 to provide the following:

1. an update on the ownership structure and utilization of all lands in farms
2. measurements of structural changes occurring since the last census in such areas as the size and distribution of farms, cropping patterns as well as poultry and livestock rearing;
3. bench mark data for improving current estimates of crop and livestock production;
4. a frame for the agricultural sample surveys which will be undertaken as part of the census supplementary modules. The Ministry of Agriculture will undertake a series of sample surveys focusing on specific priority topics during the period 2009-2011.

KIND OF DATA

Census/enumeration data [cen]

UNITS OF ANALYSIS

Households

Scope

NOTES

The information collected in the census was on socio-demographic aspects, agricultural activities, livestock and irrigation use.

TOPICS

Topic	Vocabulary	URI
Agriculture & Rural Development	FAO	
Land (policy, resource management)	FAO	
Livestock	FAO	
Water	FAO	

Coverage

GEOGRAPHIC COVERAGE

National coverage

UNIVERSE

The statistical unit is the agricultural holding, defined as all the lands being utilized in full or in part for agricultural purposes, and

is located in a single parish. It may consist of one parcel of land or of several parcels. A farm may comprise land in crops or may be animals only. Where it comprises several parcels, all parcels must be located within the same parish to be considered a single farm. Where there are animals only, and no land is dedicated to their rearing, these are referred to as landless farms. In terms of size, a holding or farm is any agricultural enterprise with a minimum of at least one of the cut-off limits described

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
Director General of the Statistical Institute of Jamaica (STATIN)	

OTHER PRODUCER(S)

Name	Affiliation	Role
Ministry of Agriculture		Technical assistance
Rural Agricultural Development Authority		Technical assistance
University of West Indies		Technical assistance
Planning Institute of Jamaica		Technical assistance

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Office of Chief Statistician	OCS	Food and Agriculture Organization	Adoption of metadata for FAM
Census team, Statistics Division	ESS	Food and Agriculture Organization	Metadata producer

DDI DOCUMENT VERSION

JAM_2007_CA_v01_EN_M_v01_A_OCS_v01

DDI DOCUMENT ID

DDI_JAM_2007_CA_v01_EN_M_v01_A_OCS_FAO

Sampling

Sampling Procedure

i. Methodological modality for conducting the census

Although a modular approach was planned for conducting the CA 2007, only one census module was implemented by the country, due to budget and time constraints.

ii. Frame

A listing of households was designed through enumerators' visits to households. In addition, the lists of farms with 20 ha or more, based on the previous agricultural census, were scrutinized and updated. Complete and/or sample enumeration methods The AC was conducted using complete enumeration. Enumeration took place through visits to all households in the enumeration districts, each household being identified as either a farm or non-farm household. A questionnaire was then administered for every farm identified in each household. The total number of enumeration districts identified for coverage was 3 198, of which 160 were classified as urban. All parishes with the exception of Kingston were included.

Questionnaires

Overview

One questionnaire was used in the CA 2007. Information was collected on:

(i) Characteristics of Holder:

Household roster

Highest level of educational attainment

Training in agriculture and years in operating a farm/holding

(ii) Characteristics of Holding:

Main purpose of production (home consumption/sale)

Main agricultural activity

Parish of location

Total farm size

Number of parcels

Tenure of parcels

Utilization of land

Area under cultivation for specific crops

Type and number of livestock or poultry

Methods of irrigation used

The census questionnaire covered 13 items from the 16 core items recommended in the WCA 2010.⁴ The following items were not covered:

(i) "Presence of aquaculture on the holding"

(ii) "Presence of forest and other woodland on the holding"

(iii) "Other economic production activities of the holding's enterprise"

Data Collection

Data Collection Dates

Start	End	Cycle
2007-02	2007-08	N/A

Data Collection Mode

Face-to-face [f2f]

Data Collection Notes

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Data Processing

Data Editing

1. DATA PROCESSING AND ARCHIVING

Data were manually entered and coded. Editing of primary data was done through inconsistency checking routines. External data were used for the validation of census results.

2. CENSUS DATA QUALITY

No information on census data quality was provided in the census reports available.

Data Appraisal

No content available