

Saint Lucia - Census of Agriculture, 2007

Central Statistical Office (CSO)

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Identification

SURVEY ID NUMBER
LCA_2007_CA_v01_EN_M_v01_A_OCS

TITLE
Census of Agriculture, 2007

COUNTRY

Name	Country code
Saint Lucia	LCA

STUDY TYPE
Agricultural Census [ag/census]

SERIES INFORMATION

The 2007 Saint Lucia Census of Agriculture (CA), to which the present metadata review and data refer, is the country's sixth agricultural census. Previous agricultural censuses were conducted in 1946, 1961, 1973-1974, 1986 and 1996.

ABSTRACT

St Lucia had conducted its last Census of Agriculture in 1996. Previous Agricultural Censuses had been taken in 1946, 1961, 1973/74 and 1986. Therefore, the 2007 St Lucia Census of Agriculture is the country's sixth agricultural census. Since the Census of Agriculture in 1996 several changes have occurred in the country, which have strongly impacted on the agriculture sector and the national economy in general.

The 2007 Census of Agriculture (CAF) had the following main objectives:

1. To provide data on the structure of agriculture, especially for small administrative units
2. To provide data to be used as benchmarks for current agricultural statistics
3. To provide frames for agricultural sample surveys
4. To provide data to help monitor progress towards global development targets, in particular the Millennium Development Goals (MDG's)
5. To increase the capabilities of the Corporate Planning Unit in the Ministry of Agriculture, Forestry and Fisheries, to plan, design, collect, process, analyze and disseminate agricultural information

KIND OF DATA

Census/enumeration data [cen]

UNIT OF ANALYSIS

Households

Scope

NOTES

In particular, the 2007 St Lucia Census of Agriculture collected data on the following variables:

- a) Identification and location of agricultural holdings
- b) Identification and legal status of agricultural holders
- c) Population and employment in agricultural holdings; Land on holdings
- d) Total land, land tenure and land use
- e) Number of trees by type of permanent/medium term crop
- f) Area under compact plantation of banana, plantain and coconut
- g) Number of holdings growing temporary crops by type of crop
- h) Type of forests in holdings and production of non-timber forest products
- i) Number of livestock by type
- j) Type of machinery and equipment
- k) Selected agricultural practices and facilities
- l) Farm organizations membership
- m) Proportion of household income coming from agriculture

- n) Sex and age of persons responsible for the different farming activities
- o) Whether or not other economic activities are carried out by members of the holder's household and their type
- p) Whether or not remittances are received in the holder's household

TOPICS

Topic	Vocabulary
Agriculture & Rural Development	FAO
Forests & Forestry	FAO
Land (policy, resource management)	FAO
Access to Finance	FAO
Labor	FAO
Migration & Remittances	FAO

Coverage

GEOGRAPHIC COVERAGE

National coverage

UNIVERSE

The statistical unit was the agricultural holding, defined as an economic unit of agricultural production, under single management, comprising all livestock kept and land used, wholly or partly, for agricultural production purposes, without regard to title, legal form and above a certain minimal threshold

Producers and sponsors

PRIMARY INVESTIGATORS

Name
Central Statistical Office (CSO)

PRODUCERS

Name	Role
Ministry of Agriculture, Forestry and Fisheries	Technical assistance

Sampling

SAMPLING PROCEDURE

i. Type of Enumeration

The 2007 St Lucia Census of Agriculture was a complete enumeration exercise. All households in the island were visited. For every household a line of the screening form was filled. The screening form was designed to identify agricultural holdings to be enumerated. Once an agricultural holding above the cut-off limits was identified, an Agricultural Census Questionnaire was filled. For purposes of enumeration the twelve Administrative Districts of the country were subdivided into 421 enumeration districts (ED). Every enumerator was charged with the enumeration of one or more Enumeration Districts.

ii. Census Frames

Data from the 2001 Population and Housing Census along with records from other sources (agriculture extension officers, farmer associations, etc.) served as census frames. A list of farms of more than 25 acres, a list of farms with greenhouses, a list of poultry farms were compiled prior to the taking of the census to ensure complete coverage.

iii. Cartography

The cartography of the Agricultural Census was the same used for the 2001 Population and Housing Census. The same

Enumeration Districts were also used. This procedure allows for comparisons and geographical links between the two censuses.

Data Collection

DATES OF DATA COLLECTION

Start	End	Cycle
2007-01-22	2007-03-15	Field work

DATA COLLECTION MODE

Face-to-face [f2f]

DATA COLLECTION NOTES

The country was divided into 421 EDs. Enumerators were required to canvass the ED assigned identifying all households in it, and applying the screening form to identify those holdings above the thresholds, as well as to collect information on small holdings below them. The items of the screening form comprised: area with temporary crops, selected fruit trees, livestock (including poultry), beehives, and engagement in fishing activities for households below the threshold. The long questionnaire was applied to holdings above the threshold.

The following thresholds were established to distinguish small holdings from other holdings:

- one eighth of an acre (1 acre, or 0.4 ha) of any temporary crop;
- ten bearing trees of any tree crop;
- 100 mats of banana and/or plantain;
- one head of cattle;
- two pigs or goats or sheep or one head of any two of these;
- 12 poultry, 12 rabbit, or 12 head of poultry and rabbits together

Holdings with activity exceeding at least one of the cut-off limits mentioned above were enumerated by means of the holding questionnaire. The rest of the holdings were enumerated using the screening form.

Questionnaires

QUESTIONNAIRES

Two types of questionnaires were used:

- (i) a "screening form"
- (ii) a "holding questionnaire" (long questionnaire).

The CA 2007 covered all 16 core items recommended by FAO in the 2010 WCA round, namely;

- 0001 Identification and location of agricultural holding
- 0002+ Legal status of agricultural holder
- 0003 Sex of agricultural holder
- 0004 Age of agricultural holder
- 0005 Household size
- 0006 Main purpose of production of the holding
- 0007 Area of holding according to land use types
- 0008 Total area of holding
- 0009 Land tenure types on the holding
- 0010 Presence of irrigation on the holding
- 0011 Types of temporary crops on the holding
- 0012 Types of permanent crops on the holding and whether in compact plantation
- 0013 Number of animals on the holding for each livestock type
- 0014 Presence of aquaculture on the holding
- 0015+ Presence of forest and other wooded land on the holding
- 0016 Other economic production activities of the holding's enterprise

Data Processing

DATA EDITING

1. Quality checks

During and after the enumeration phase several activities to ensure the quality of the censal data and the correct processing of information were carried out. About 10 holdings per Enumeration District were revisited by supervisors in order to check for the quality of data recorded by the enumerators. After the Enumeration District was completed and the field checks performed by supervisors, the manual editors/coders, edited and coded all questionnaires. When necessary, questionnaires were sent back to the field in order to verify and correct inaccurate recorded information.

2. Data processing

Once all questionnaires in a batch were ready, they were entered in the database. The data entry program also allowed for another level of data verification. A validation program to detect inconsistencies was also run. Only after all databases were "cleaned" the final tables were produced. The data were keypunched in batches and coded. The editing of the census data was also performed manually. This comprised 100-percent first and second reviews; 10 percent of the reviewed questionnaires were screened, and if any problem was identified the entire batch was reviewed again. Imputation was used in extreme cases and after exhausting all other sources. Validation of census data was performed through quality checks, mainly with external sources. SPSS was used for data processing. Users may access the census results (only aggregate data) via institutional websites. Preliminary tables were checked internally and with external data sources to guarantee the accuracy of the final censal data. Finally censal coverage and others quality checks were performed.

Access policy

CONTACTS

Name	Email	URL
Ministry of Agriculture, Fisheries, Physical Planning, Natural, Resources and Co-operatives	capo@govt.lc	Link

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Metadata production

DDI DOCUMENT ID

DDI_LCA_2007_CA_v01_EN_M_v01_A_OCS_FAO

PRODUCERS

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

LCA_2007_CA_v01_EN_M_v01_A_OCS_v01

Data Description

Data file	Cases	Variables
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