

Colombia - Agricultural Census, 2014

National Administrative Department of Statistics (DANE)

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Overview

Identification

ID NUMBER

COL_2014_AC_v01_EN_M_v01_A_OCS

Overview

ABSTRACT

The objective of the 2014 agricultural census in Colombia was to provide geo-referenced statistical information and updated of the agricultural, forestry and aquaculture sector, information on fisheries, as well as socio-demographic information on agricultural producers and the resident population in the rural area.

KIND OF DATA

Census/enumeration data [cen]

UNITS OF ANALYSIS

Households

Scope

NOTES

The scope of the study includes agriculture, livestock, health and environment.

TOPICS

Topic	Vocabulary	URI
Agriculture & Rural Development	FAO	
Forests & Forestry	FAO	
Food (production, crisis)	FAO	
Land (policy, resource management)	FAO	
Livestock	FAO	
Health	FAO	
Nutrition	FAO	
Social Development	FAO	
Environment	FAO	
Coastal & Marine Management	FAO	
Environmental Health/ Pollution Management	FAO	
Water	FAO	

Coverage

GEOGRAPHIC COVERAGE

National coverage

UNIVERSE

As for the statistical unit, two types of statistical units were defined in the third AC: (i) the agricultural production unit (UPA) and (ii) the non-agricultural production unit (UPNA). An UPA was defined as "a unit of organization of agricultural production that can be formed by a part of a property, a complete property, a set of properties or parts of continuous or separate properties, located in one or more municipalities, regardless of size, land tenure and the number of properties comprised, that must meet the following three conditions: (i) it produces crop, livestock, forestry or aquaculture products and/or develop activities related to capture fisheries intended for own consumption and/or for sale; (ii) it has a single agricultural producer that assumes the responsibility and risks of the productive activity; (iii) it uses at least one means of production such as buildings, machinery, equipment and/or labour". The UPNA was defined as a unit engaged in non-agricultural activities only, such as industry, trade and other services.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
National Administrative Department of Statistics (DANE)	

OTHER PRODUCER(S)

Name	Affiliation	Role
Ministry of Environment and Sustainable Development		Technical assistance
Technical Directorates of DANE		Technical assistance
National Natural Parks Directorate		Technical assistance
National Planning Department		Technical assistance
The Institute of Hydrology, Meteorology and Environmental Studies		Technical assistance

FUNDING

Name	Abbreviation	Role
Ministry of Agriculture and Rural Development	MARD	Funding

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

COL_2014_AC_v01_EN_M_v01_A_OCS_v01

DDI DOCUMENT ID

DDI_COL_2014_AC_v01_EN_M_v01_A_OCS_FAO

Sampling

Sampling Procedure

(a) Frame

The frame was established on the basis of the land registry and rural cadastre maps.

(b) Complete and/or sample enumeration methods

The third AC involved a complete enumeration of all UPAs and UPNAs in the rural areas of the country.

Questionnaires

Overview

A single questionnaire was used for census data collection, for both UPAs and UPNAs covering:

(a) ECONOMIC:

- Size and land tenure of production units agricultural and livestock farming.
- Agricultural inventory, forest plantations, pastures, fodder, fruit trees scattered and nurseries.
- Livestock inventory; cattle, buffalo, horses, sheep, goats, pigs, poultry, aquaculture
- Fishing and minor species.
- Agricultural production, size and distribution
- Association, technical assistance, financing and destination of production.
- Non-agricultural activities

(b) SOCIAL:

- Identification of the Agricultural Producer.
- Socio-demographic information of the agricultural producer and the population resident: Population size, households, sex, age, literacy, level education, affiliation to social security in health
- Childcare, perception of poverty, effects of phenomena of displacement
- Housing conditions and access to basic services

(c) ENVIRONMENTALS:

- Land use and coverage
- Agricultural production systems, diversity and practices agricultural companies
- Use and restrictions of water and soil resources, waste management and energy

The AC 2014 covered all 16 core items recommended in the WCA 2010

Data Collection

Data Collection Dates

Start	End	Cycle
2013-12	2014-12	N/A

Data Collection Mode

Computer Assisted Personal Interview [capi]

Data Collection Notes

Data collection was carried out through both face-to-face interviewing, using CAPI with smartphones and with the PAPI method.

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Data Processing

Data Editing

(a) DATA PROCESSING AND ARCHIVING

Data capture was done using CAPI method (when electronic questionnaires were used), as well as manually (for printed questionnaires). An Integrated Monitoring and Operational Control System (SIMCO) served as the centralized system for data processing and archiving for the third AC. Four types of validation process were defined, according to the level of aggregation.

(b) CENSUS DATA QUALITY

To ensure quality in the design and preparation of the census, various field tests, including a pilot census, were carried out to evaluate the functionality of the census questionnaire, the productivity of the enumerator during the interview, the strategy of communication, etc.

Other Processing

Techniques of anonymization were applied to the database to ensure the confidentiality of the information, to enable safe access to the census microdata provided online.

Data Appraisal

No content available