

Réunion - Agricultural census, 2010

Ministry of agriculture

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Overview

Identification

ID NUMBER

REU_2010_AC_v01_EN_M_v01_A_OCS

Overview

ABSTRACT

The Statistical and Forecasting Service has been entrusted with the production of the AC 2010. (SSP) which is the central statistical department of the Ministry in charge of agriculture, (MAAPRAT) the central department is in charge of the design of the operation, the drafting of the questionnaire and instructions, the training of regional services, the final quality control of the data collected and of the first publication of the results. The SSP has relied on its specialised decentralised levels, the services regional statistics (NUTS2) of statistical and economic information (SRISE). The threshold definition of agricultural holding applied has been the same since 1955, and corresponds exactly to the one proposed by the European regulation. The geographical area is the whole of France; for the DOM the territories of Saint-Martin and Saint-Barthélemy are now excluded, Mayotte is not yet included.

For statistical purposes, agricultural censuses in French territories (French Guyana, Guadeloupe, Reunion and Martinique) are recorded separately in the World Census of Agriculture Database. The census results are presented for all of France.

KIND OF DATA

Census/enumeration data [cen]

UNITS OF ANALYSIS

Households

Scope

NOTES

The census scope covered agricultural (crop and livestock) production activities.

TOPICS

Topic	Vocabulary	URI
Agriculture & Rural Development	FAO	
Forests & Forestry	FAO	
Food (production, crisis)	FAO	
Land (policy, resource management)	FAO	
Livestock	FAO	

Coverage

GEOGRAPHIC COVERAGE

National coverage

UNIVERSE

The statistical unit in the AC 2010 was the agricultural holding, defined as an economic unit that participates in agricultural production and meets the following criteria:

- it has an agricultural activity either of production, or of maintenance of the lands in good agricultural and environmental

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
Ministry of agriculture	

OTHER PRODUCER(S)

Name	Affiliation	Role
Service for Statistics and Prospective		Technical operation
Statistical Service		Technical operation - territories

FUNDING

Name	Abbreviation	Role
Government of France		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

REU_2010_AC_v01_EN_M_v01_A_OCS_v01

DDI DOCUMENT ID

DDI_REU_2010_AC_v01_EN_M_v01_A_OCS_FAO

Sampling

Sampling Procedure

a. Frame

The basic list of agricultural holdings was built using the SSP farm register, the SIRENE register (business register), the list of farmers who had applied for aid (area declarations),¹ and some additional sources for beekeeping, olive oil, aromatic plants. The holding lists were checked at local level by communal commissions.

b. Complete and/or sample enumeration method(s)

The AC and SAPM were conducted using complete enumeration.

Questionnaires

Overview

Three questionnaires were used: one for France in Europe (including questions of regional interest) and two for France's overseas territories: one for Guadeloupe, Martinique and Reunion and another for Guyana. The census covered all 16 core items recommended in the WCA 2010. ie.

- 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 Collection

Data Collection Dates

Start	End	Cycle
2010-09	2011-06	N/A

Data Collection Mode

Computer Assisted Personal Interview [capi]

Data Collection Notes

The field collection operation was conducted using the face-to-face CAPI method. Extensive use was made of the administrative data that supports the EU programmes for agriculture, such as on areas receiving aid, bovine livestock, organically farmed areas and livestock, and the vineyard register. These data were used to improve the coverage, lighten the response requirements, and check the quality of census data

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Data Processing

Data Editing

a. DATA PROCESSING AND ARCHIVING

The CAPI interface included controls to ensure that there were responses to all questions. In addition, interactive range and consistency checks were included for each variable so that corrections could be made by the enumerator during the interview. Further edits and imputations were completed at the central office where the census validation and tabulation was completed. To ensure that the list of holdings was complete, several tests were conducted at the end of collection. All available administrative sources were used to verify that existing holdings had been identified and included. The key databases and registers used included that for EU agriculture aid applications, the national database of bovine identification, the computerized vineyard register, organic producer records, and some local registers for small productions. The data, after validation, were archived on secured servers.

b. CENSUS DATA QUALITY

To assess the quality of field data collection, completeness checks and feedback were performed at the end of field data collection operation, from March to June 2011. Data checking began during the collection phase on the farmer's premises. It then continued throughout the processing chain. A special effort was made to check the AC's coverage by using the administrative data available. The nonresponse rate was of only 0.96 percent, and the missing data were imputed using the hot deck method.

Data Appraisal

Other forms of Data Appraisal

The first provisional census results were disseminated in September 2011, ten months after the end of the reference period. The main final results were made available at the end of February 2012, 16 months after the end of the reference period. The AC 2010 results were disseminated online and are available on the SSP website.⁹ The "ADEL" tool allows web users to build their own tables.

The first table with main results shows the total number and area of holdings broken down by continental France, on one hand, and its overseas territories, on the other. See metadata review tables in external materials.