

Spain - Agricultural Census, 2009

National Statistics Institute (INE)

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Overview

Identification

ID NUMBER

ESP_2009_AC_v01_EN_M_v01_A_OCS

Overview

ABSTRACT

The first Agricultural Census was conducted in 1962 and then in the censuses of 1972 and 1982. Since Spain's accession as a full member to the European Community on 1 January 1986, the INE, the country's national statistics institute, joined the Community programme of surveys on the structure of agricultural holdings. The programme requires the dates of the Agricultural Census to vary as it has to be conducted in years ending in nine or zero, as set forth in successive Council regulations. The censuses were therefore conducted in 1989 and 1999 and the structure surveys in 1987, 1993, 1995, 1997, 2003, 2005 and 2007.

As there is no statistical record on agricultural holdings, agricultural censuses are particularly useful for updating the framework of future surveys.

KIND OF DATA

Census/enumeration data [cen]

UNITS OF ANALYSIS

Households

Scope

NOTES

The scope of the study included agriculture including crops, land, irrigation, livestock, labour and rural development.

TOPICS

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

Coverage

GEOGRAPHIC COVERAGE

National coverage

UNIVERSE

The statistical unit was the agricultural holding, defined both technically and economically, which has a single management and which undertakes agricultural activities listed in annex I to the European Parliament and Council Regulation (EC) No. 1166/2008 within the economic territory of the EU, as either its primary or secondary activity.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
National Statistics Institute (INE)	

OTHER PRODUCER(S)

Name	Affiliation	Role
EUSTAT		Fieldwork

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

ESP_2009_AC_v01_EN_M_v01_A_OCS_v01

DDI DOCUMENT ID

DDI_ESP_2009_AC_v01_EN_M_v01_A_OCS_FAO

Sampling

Sampling Procedure

Frame:

The frame was obtained from the INE List Register or Census Directory. The Register lists all the reporting units considered to be potential agricultural holdings, including their relevant contact information. The Register was based on the use and integration of data from three key sources: (i) the Integrated Administrative Control System Register; the (ii) Spanish Agency for Tax Administration (AEAT); and (iii) other INE statistical sources. The AC 2009 was conducted using the complete enumeration.

Questionnaires

Overview

The AC 2010 covered 15 out of 16 items recommended in the WCA 2010.

1. Identification data of the census taker
2. Contact details of the "informant"
3. The agricultural holder
4. Farms of the agricultural holder
5. Livestock
6. Crops, fallow land and pasture
7. Land tenure
8. Other lands
9. Location
10. Irrigation
11. Cultivated mushrooms and other fungi
12. Crops for renewable energy production and genetically modified crops
13. Organic farming
14. Farm labour. Owner, farm manager and other labour
15. Equipment for renewable energy production
16. Rural development
17. Comments

Data Collection

Data Collection Dates

Start	End	Cycle
2009-10	2010-04	N/A

Data Collection Mode

Computer Assisted Telephone Interview [cati]

Data Collection Notes

Data from the AC 2009 were collected and entered in three specific phases over a seven-month period:

- Postal phase - from October to December 2009. Questionnaires were mailed for self-completion to all farm holders.
- CATI phase - from January to March 2010. Data collection was done through telephone calls (CATI) to holders who had yet to send the completed questionnaire as required in phase 1;
- PAPI phase - from January to April 2010, to follow up with holders that had not yet responded and to collect data for the SAPM.

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Data Processing

Data Editing

a. DATA PROCESSING AND ARCHIVING

The census data collected using the PAPI method and new technology (CATI and CASI/CAWI) were consolidated into a combined database. Following the manual correction of errors and prior to obtaining the data sets with the final data, all questionnaires underwent a process of automatic data imputation (AIP). The AIP consists of edits to identify the characteristics failing an edit and requiring imputation, as well as the imputations themselves.

b. CENSUS DATA QUALITY

More than 170 controls were incorporated into the data entry and processing applications. The microdata and macrodata were analysed thoroughly, and compared to the available agricultural statistics.

Data Appraisal

Other forms of Data Appraisal

The first final AC results were published on the INE website in July 2011. In October 2011, the AC Data Warehouse system became available. The system provides information processing power, greater flexibility and faster access to information (including custom queries). The SAPM data were published on the INE website in January 2012.