

Greece - Agricultural Census, 2009-2010

ELSTAT

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Overview

Identification

ID NUMBER

GRC_2009-2010_AC_v01_EN_M_v01_A_OCS

Overview

ABSTRACT

The Farm Structure Survey (FSS) is a survey of national interest, which is carried out both as a sample survey and as a census, in order to collect objective quantitative information relating to the structure of the farming sector. Every ten years an exhaustive survey (Basic FSS or Agricultural Census) is carried out. The first Agricultural Census was conducted in 1950, after the Second World War. Since 1950 five censuses of agriculture and livestock farming have been held, in 1961, 1971, 1981, 1991 and 1999/2000. From 1961 to 1991 censuses were conducted simultaneously with the General Population and Housing Census. The Agricultural Census of 1991 was the last census carried out at the same time with the General Censuses for Population, Households etc. The Agricultural Censuses of 1999/2000 and 2009/2010 were carried out before the General Population Censuses of 2001 and 2011, respectively.

Objective:

The purpose of FSS is to determine the basic structural features of the agricultural and livestock holdings, which encapsulate the agricultural picture of Greece at the specific time. The developments of the agricultural holdings' structure constitute the main element for the National and Community policy drawing up in the Agricultural Sector. Therefore, the collection of objective and reliable data is absolutely necessary in order to draw up time series tables concerning the holdings' characteristics.

KIND OF DATA

Census/enumeration data [cen]

UNITS OF ANALYSIS

Households

Scope

NOTES

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

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 is the agricultural holding, defined as a single unit, 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 its secondary activity. In addition, Communal Departments (local administrative units - LAU 2) were included in the AC to provide data regarding the area of common permanent grassland (using a specific questionnaire).

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
ELSTAT	

OTHER PRODUCER(S)

Name	Affiliation	Role
Regional Statistical Offices		Technical assistance
Agricultural University of Athens		Technical assistance
National Institute of Agricultural Economics (INEA)	Italy	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

GRC_2009-2010_AC_v01_EN_M_v01_A_OCS_v01

DDI DOCUMENT ID

DDI_GRC_2009-2010_AC_v01_EN_M_v01_A_OCS_FAO

Sampling

Sampling Procedure

a. Frame

The basic farm register (BFR) used for the AC was based on the register from the 1999 census, updated using the FSS surveys of 2003, 2005 and 2007 and the annual agricultural surveys. The BFR was also updated using two registers of the Ministry of Rural Development and Food (on New Farmers and Organic Farming). The total number of the sampling frame accounts to 843.007 holdings (816.357 holdings from

the basic Register of ELSTAT and 26.650 holdings from the Registers of the Greek Ministry of Rural Development and Food) for the agricultural census and 59.967 for the SAMP survey. ELSTAT made use of the registers of the Ministry of Rural Development and Food only concerning the New Farmers and Organic Farming and it compared those registers with the register of ELSTAT. Afterwards, the data of the registers were compared and crosschecked on the basis of the identification data of holder. However, there were some cases where the registers of the Ministry were not complete and some of the data were missing, such as the date of birth, the tax registration number, etc. Cases that could not be matched with ELSTAT's farm register were kept separately in two temporary file-registers. During the conduct of the agricultural-livestock census, these temporary file-registers were made available to the interviewers together with the basic register.

b. Complete and/or sample enumeration methods

The AC 2010 was carried out based on a complete enumeration basis.

Questionnaires

Overview

Two questionnaires were used in the AC, to collect:

- (i) individual census data from the agricultural holdings and
- (ii) data on common land from Communal Departments.

One questionnaire was used for the SAPM. The AC and SAPM questionnaires covered all 16 core items recommended in the WCA 2010.

- 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
2010-07	2010-10	N/A

Data Collection Mode

Face-to-face [f2f]

Data Collection Notes

The data collection of the AC and SAPM was carried out through personal interviews with the farm holders, using paper questionnaires. Prior to the interview date, the interviewers had a first contact with the farmers to arrange the interview date. The interviews generally took place at the holder's residence, although some interviews were conducted at municipality offices. The completion time per questionnaire was approximately 30 minutes.

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Data Processing

Data Editing

a. DATA PROCESSING AND ARCHIVING

The data entry was done almost exclusively using OCR and only in some special cases, where it was not possible to scan the questionnaires, were the data entered manually into the database. The hot deck approach was used for data imputation. The auxiliary variables, used to define the imputation classes for holdings were municipality/commune, type of farming, and economic size. The data processing was carried out in the period from November 2010 to March 2012.

b. CENSUS DATA QUALITY

Follow-up interviews were conducted in cases where missing or incorrect data were detected. In most cases, these were done by telephone. The census data were validated against the data from previous FSSs, as well as from other agricultural surveys, and some administrative data sources.

Data Appraisal

Other forms of Data Appraisal

The final results of the AC, at national level, were available in November-December 2012 in the form of detailed tables. A publication presenting the results of the AC was prepared in September 2013, in electronic and printed formats. The publication is available on the ELSTAT website (only in Greek).