

Lithuania - Agricultural Census, 2010

Statistics Lithuania

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Overview

Identification

ID NUMBER

LTU_2010_AC_v01_EN_M_v01_A_OCS

Overview

ABSTRACT

The Agricultural Census of the Republic of Lithuania was carried out on 3 May–30 September 2010. It was the second Agricultural Census after the restoration of Independence of Lithuania (the first one was conducted in 2003 and the first in Lithuania as a member of the European Union. The Agricultural Census 2003 took place from 1 to 30 June 2003. A pilot census was carried out on 3–14 June 2002. The census was carried out by interviewers. They visited every holding and filled in questionnaires. There were about 6800 interviewers. All farmers and land users growing agricultural products were enumerated. The Agricultural Census 2003 questionnaire was completed for each agricultural holding with the agricultural land area of more than 1 ha or with the agricultural land area of less than 1 ha but income from sales of

agricultural production not less than LTL 5000 per year – approximately EUR 1448 per year. Holdings with the agricultural land area of less than 1 ha and income less than the abovementioned were included in the household enumeration list. The definition of enumeration units in the Agricultural Census was harmonised with the recommendations of the Statistical Office of the European Union (Eurostat) and the United Nations Food and Agriculture Organization (FAO). Totally 364414 have been surveyed – 199913 agricultural holdings (646 agricultural companies and enterprises and 199267 farmers' and family farms) and 164501 small farms.

Objective:

The Agricultural Census 2010 Census was carried out for the following purposes:

- to record changes taking place in agriculture; to find out the number of producers of agricultural products in Lithuania;
- to obtain accurate statistical data needed for the analysis of the development of Lithuanian agriculture;
- to predict the opportunities of agricultural development;
- to assess the effectiveness of the European Union aid and future needs thereof.

KIND OF DATA

Census/enumeration data [cen]

UNITS OF ANALYSIS

Households

Scope

NOTES

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

TOPICS

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

Labor	FAO	
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Coverage

GEOGRAPHIC COVERAGE

National coverage

UNIVERSE

The statistical unit was 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 secondary activity.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
Statistics Lithuania	

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

LTU_2010_AC_v01_EN_M_v01_A_OCS_v01

DDI DOCUMENT ID

DDI_LTU_2010_AC_v01_EN_M_v01_A_OCS_FAO

Sampling

Sampling Procedure

a. Frame:

Prior to the AC 2010, lists of respondents by municipality were prepared using the following statistical and administrative sources: the Integrated Administration and Control System Register, the Livestock Register, and the AC 2003 database updated with data from other statistical surveys. The quality of the list was checked and some corrections were made by a specialist in municipalities.

b. Sample size:

The FSS 2005 sample size was 65579. During the survey 330 new farms were found. Altogether, data were provided by 62333 farms - 61791 farmers' and family farms and 542 agricultural companies and enterprises. According to the FSS 2005 data it was estimated that the total number of farms was 252946.

Questionnaires

Overview

Two questionnaires were used in the AC 2010:

- (i) the main questionnaire, for enterprises and family farms that met the EU minimum thresholds for agricultural activity, with two annexes (the annex had to be filled in if the land and/or the livestock of the holding were in different municipalities and the annex on farm buildings and machinery); and
- (ii) the Small Units Questionnaire, for very small farms that were below the minimum thresholds.

Main Questionnaire (1):

- I. DATA OF AGRICULTURAL HOLDING
- II. LAND OF THE HOLDING
- III. LIVESTOCK OF HOLDING NUMBER
- IV. FARM LABOR FORCE
- V. RURAL DEVELOPMENT
- VI. SUPPORT FOR RURAL DEVELOPMENT
- VII. AGRICULTURAL PRODUCTION METHODS
- VIII. FARM BUILDINGS, MACHINES AND EQUIPMENT

Other Questionnaire (2):

- I. FARM BUILDINGS
- II. FARM MACHINES AND EQUIPMENT
- III. LAND OF THE HOLDING
- VI. LIVESTOCK OF HOLDING NUMBER

The AC 2010 covered all 16 core items recommended in the WCA 2010. See questionnaires in external materials tab.

Data Collection

Data Collection Dates

Start	End	Cycle
2010-05	2010-08	N/A

Data Collection Mode

Computer Assisted Web Interview (CAWI)

Data Collection Notes

Data collection started with an e-Census in May-June 2010 (CAWI method). Farmers who came to a ward office to declare crops through the IACS were surveyed by a census specialist (CAPI method). Farmers that did not respond during the e-Census, and did not declare crops, were interviewed from 19 July until 31 August 2010, using paper questionnaires (PAPI method). Small farms were interviewed from 1 June 2010 until 16 July 2010, using paper questionnaires (PAPI method). Agricultural enterprises had to fill in the electronic questionnaire themselves and send it directly to Statistics Lithuania using the electronic statistical reporting portal. Administrative data were also used in the AC, as a source of census data and for validation purposes.

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Data Processing

Data Editing

a. DATA PROCESSING AND ARCHIVING

The statistical data collected in the municipalities (ward offices) were submitted to Statistics Lithuania for data processing. ABBYY Form Filler 2.5 software was used for entering statistical data into laptop computers and to fill in the web questionnaire. A special programme created using Oracle software was used for statistical data processing at Statistics Lithuania. SAS was used to link statistical data from several sources according to the selected criterion and for the calculation of derived statistical indicators. The results were transferred into Microsoft Excel worksheet tables. Data on organic farming, taken from the Organic Farming Register, were loaded directly onto the database.

b. CENSUS DATA QUALITY

There were 317 different logical and arithmetic controls for the main questionnaire and 26 for the small unit questionnaire. The final data check was performed using administrative sources and agricultural statistics surveys (crop production, livestock survey, etc.).

Data Appraisal

Other forms of Data Appraisal

A press release with the first census results was published in December 2010. Another press release, on the main preliminary results of the AC 2010 and Excel files with preliminary results, were published in February 2011. The provisional results of the AC 2010 were delivered to Eurostat. Three publications on final census results were published. The first publication (with results at country level) was published in July 2012; the second publication (by county and municipality) was released in September 2012 and the third publication (by ward) in December 2012.