

Serbia - Census of Agriculture, 2012

Statistical Office of the Republic of Serbia (SORS)

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Overview

Identification

ID NUMBER

SRB_2012_CA_v01_EN_M_v01_A_OCS

Overview

ABSTRACT

The Census of Agriculture 2012 (hereinafter referred to as: Census of Agriculture) was conducted in the Republic of Serbia in the period from 1 October to 15 December 2012. Pursuant to the Law on the Census of Agriculture 2011, the Census of Agriculture was anticipated for the period from 1 – 15 November 2011. Due to the delayed 2011 Census of Population, which the Census of Agriculture is directly related to, the Law on Amendments to the Law on the Census of Agriculture 2011 was passed (Official gazette of RS, number 24/11) and thereby this Census was postponed for the year 2012, and its period of implementation extended to last two and a half months. Since there is large number of Serbian citizens working abroad, in order to achieve the best possible coverage of agricultural holdings, in the municipalities of Požarevac, Petrovac na Mlavi, Kladovo, Negotin, Žagubica, Žabari, Velika Plana and Kucevo, the enumeration procedure was extended until 28 December 2012.

Census of Agriculture – Objectives:

- Census of Agriculture in the territory of the Republic of Serbia was carried out with the observance of the following objectives:
- to provide an overall review of the structure of the national agriculture;
- to create database that shall be internationally comparable and grounded on key features of agricultural domain;
- to ensure statistics required for the development of a sustainable agricultural policy and for the process of negotiations and accession to the EU;
- to facilitate the creation of the statistical register of agricultural holdings.

KIND OF DATA

Census/enumeration data [cen]

UNITS OF ANALYSIS

Households

Scope

NOTES

The scope of the study includes land, irrigation, livestock, infrastructure and labour.

TOPICS

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

Coverage

GEOGRAPHIC COVERAGE

National coverage

UNIVERSE

The statistical unit was the agricultural holding, defined as "a technical and economic independent production unit with a single management on which an enterprise, farm cooperative, institution or another legal entity, unincorporated enterprise or family agricultural holding undertakes agricultural production, as either a primary or a secondary activity".

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
Statistical Office of the Republic of Serbia (SORS)	

OTHER PRODUCER(S)

Name	Affiliation	Role
Ministry of Agriculture, Forestry and Water Management		Technical assistance
Municipality Census Commissions		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

SRB_2012_CA_v01_EN_M_v01_A_OCS_v01

DDI DOCUMENT ID

DDI_SRB_2012_CA_v01_EN_M_v01_A_OCS_FAO

Sampling

Sampling Procedure

a. Method of enumeration:

The enumeration of family holdings and holdings of unincorporated enterprises was carried out by authorised enumerators, applying the method of interview, according to them assigned List of households with own-account agricultural production. Holdings of legal entities were enumerated by enumerators authorised for enumeration of legal entities, based on the Register of Legal Entities. They applied the method of interview, previously announcing their visits, and having the support and receiving the instructions from the persons responsible for enumeration of legal entities.

Lists of households with own-account agricultural production were created based on 2011 Census of Population, Households and Dwellings, and updated in compliance with the actual administrative and other sources.

The Register of legal entities was established for the purpose of the Census of Agriculture by using all available sources (Statistical Business Register, local government bodies, Ministry of Agriculture, Forestry and Water Management, and others), and by combining the territorial and organizational principles of reporting, by the SORS regional offices/departments.

b. Frame

Lists of households with own-account agricultural production were created based on the 2011 Census of Population, Households and Dwellings (CPHD), and updated using administrative data sources. The Register of legal entities was established for the purposes of the CA by using the available sources (Statistical Business Register, registers hold by local government bodies, MAFWM, and others).

Questionnaires

Overview

The CA 2012 used a single questionnaire, for both family holdings and legal entities. In addition, a "control list" for all agricultural households was filled in during census enumeration. The census questionnaire covered all 16 core items recommended in the WCA 2010.

Chapter 1: GENERAL INFORMATION

Chapter 2: LAND, agricultural year 2011/2012

Chapter 3: IRRIGATION, agricultural year 2011/2012

Chapter 4: MINERAL FERTILIZERS, MANURE AND PESTICIDES UTILIZATION, agricultural year 2011/2012

Chapter 5: TILLAGE METHODS AND SOIL CONSERVATION, agricultural year 2011/2012

Chapter 6: LIVESTOCK, BEES AND OTHER ANIMALS, as of 30 September 2012

Chapter 7: ORGANIC FARMING

Chapter 8: AGRICULTURAL MACHINERY AND EQUIPMENT, agricultural year 2011/2012

Chapter 9: AGRICULTURAL BUILDINGS, agricultural year 2011/2012

Chapter 10: LABOUR FORCE AND ACTIVITIES OF THE HOLDING, agricultural year 2011/2012

Chapter 11: OTHER DATA ON THE HOLDING

Data Collection

Data Collection Dates

Start	End	Cycle
2012-10-01	2012-12-15	N/A

Data Collection Mode

Face-to-face [f2f]

Data Collection Notes

Data collection was done by face-to-face interviewing method, using a printed questionnaire (PAPI method).

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Data Processing

Data Editing

a. DATA PROCESSING AND ARCHIVING

Quality control and correction of completed questionnaires were carried out in several phases of the AC: during the fieldwork, during data entry and after data entry. The scanning with ICR facilitated further centralized data processing and archiving. For data protection, backup copies of the scanned material were made. Data processing was done using the software platform developed at the SORS. Complete logical and computer control was initiated after the completion of data entry. Approximately 988 criteria were defined to identify errors. Corrections were automatic and manual. Imputation of data was implemented when needed. For the needs of the analysis of the CA 2012 results and validation, 115 output tables were created. In a number of tables, it was possible to directly compare the data from the CA (before and after error correction) with data from other sources (cadastre, Register of holdings of the MAFWM, regular surveys in agricultural statistics).

b. CENSUS DATA QUALITY

For the purpose of checking the reliability of the census results, from 14 January to 31 January 2013, a PES1 was carried out. The PES served as a basis to control the quality of data collected through the CA 2012.

Data Appraisal

Other forms of Data Appraisal

The first results were published in January 2013, regarding the number of agricultural holdings, UAA, the number of livestock by species and the number of owned two-axle tractors. The final results of the CA 2012 were published in December 2013. Several thematic studies (special publications on UAA, machinery, viticulture, fruit growing, etc.), and a Vine atlas were published by the end of 2015. Final data are also available in the census database on the SORS website.