

Republic of Korea - Census of Agriculture, Forestry and Fisheries, 2015

Ministry of Strategy and Finance

Report generated on: December 8, 2020

Visit our data catalog at: <https://microdata.fao.org/index.php>

Overview

Identification

ID NUMBER

KOR_2015_CAFF_v01_EN_M_v01_A_OCS

Overview

ABSTRACT

(a) Purpose:

To provide basic data required for making policies on agriculture, forestry & fisheries and setting up development plans for farming, forestry and fishing villages of central and local governments

To produce a framework for academic research data and sample surveys on farming, forestry and fishing villages

To produce statistics for small administrative divisions such as 'Eup', 'Myeon', 'Dong' and provide agriculture, forestry and fisheries data that countries can exchange or use for analysis

(b) History:

1960: Carried out the first Agricultural National Census

1970: Carried out the first Census of Fisheries

1995: Changed the survey frequency (10 years -> 5 years)

1998: Carried out the first Census of Forestry

2000: Carried out the Census of Agriculture and the Census of Fisheries simultaneously

2005: Carried out the Census of Agriculture, the Census of Forestry and the Census of Fisheries simultaneously

2010: Combined the three censuses

2015: Carried out the Internet survey

KIND OF DATA

Census/enumeration data [cen]

UNITS OF ANALYSIS

Households

Scope

NOTES

The scope of the study includes:

- The number and population of farm, forest and fishery households
- The share of farm households
- The number of part-time farm households
- Number of fishery households

- Agricultural management
- Number of fishery households
- Population of fishery households
- Fishery management
- Accessible to a means of mass transportation
- Living facilities
- Distribution facilities and production base facilities
- Type of agriculture
- Method of waste disposal

TOPICS

Topic	Vocabulary	URI
Agriculture & Rural Development	FAO	
Forests & Forestry	FAO	
Land (policy, resource management)	FAO	
Infrastructure	FAO	
Environmental Health/ Pollution Management	FAO	

KEYWORDS

Crop production, Animal production, Forestry, Fishery, Aquaculture, Capture fisheries activities

Coverage

GEOGRAPHIC COVERAGE

National coverage

UNIVERSE

The following statistical units were distinguished in the CAFF: (i) the "agricultural household"; (ii) the "forestry household"; (iii) the "inland water fishery household"; and (iv) the "marine fishery household".

The agricultural household was defined as a household directly engaged in agricultural activities and that meets the established thresholds.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
Ministry of Strategy and Finance	Republic of Korea

OTHER PRODUCER(S)

Name	Affiliation	Role
Statistics Korea		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

KOR_2015_CAFF_v01_EN_M_v01_A_OCS_v01

DDI DOCUMENT ID

DDI_KOR_2015_CAFF_v01_EN_M_v01_A_OCS_FAO

Sampling

Sampling Procedure

The 2015 CAFF used the enumeration districts (EDs) of the Population and Housing Census (PHC) 2015. The census was conducted on a complete enumeration basis.

Questionnaires

Overview

Four questionnaires were used for data collection:

- (i) the agricultural and forestry household questionnaire
- (ii) two questionnaires for the fishery sector (marine fisheries and inland water fisheries)
- (iii) the rural community questionnaire

The CAFF 2015 census questionnaires covered 14 of the 16 core items recommended for the WCA 2010 round. The following core items were not covered by the CAFF:

- (i) "Main purpose of production of the holding"
- (ii) "Land tenure types on the holding".

Data Collection

Data Collection Dates

Start	End	Cycle
2015-12-01	2015-12-15	N/A

Data Collection Mode

Face-to-face [f2f]

Data Collection Notes

Data collection from households was conducted using mainly the PAPI method. The CAWI method was also used, although to a lesser extent. The community survey was conducted using the CAWI method.

Questionnaires

Four questionnaires were used for data collection:

- (i) the agricultural and forestry household questionnaire
- (ii) two questionnaires for the fishery sector (marine fisheries and inland water fisheries)
- (iii) the rural community questionnaire

The CAFF 2015 census questionnaires covered 14 of the 16 core items recommended for the WCA 2010 round. The following core items were not covered by the CAFF:

- (i) "Main purpose of production of the holding"
- (ii) "Land tenure types on the holding".

Data Processing

Data Editing

Data processing:

To ensure accuracy and efficiency in data processing, the ICR data entry system was used together with the Editing and Imputation System. The CAFF 2010, the PHC 2015 and administrative data were used for imputation, and the CHAID algorithm was used to construct donor groups. The hot-deck method was also used for imputing missing data. SAS was used for analysis and tabulations. After dissemination of the CAFF's final results, the microdata were transferred to the central data centre operated by the Government and provided to users through the Micro-Data Integrated Service (MDIS). To assess the quality of census data, a PES was conducted from 18 December 2015 to 24 December 2015. To ensure quality during field operations, consistency checks were implemented in the system.

Data Appraisal

Other forms of Data Appraisal

The CAWI method was applied in the collection of community survey data and, to some extent, the collection of census data from households. Scanning technology (using Intelligent Character Recognition (ICR) was applied for data capture of holdings' questionnaires. The census results were disseminated and are accessible online.