

Togo - Census of Agriculture, 2012-2014

The Ministry of Agriculture, Livestock and Fishery (MAEP)

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Overview

Identification

ID NUMBER

TGO_2012-2014_CA_v01_EN_M_v01_A_OCS

Overview

ABSTRACT

This agricultural census took place in 2012. The execution of this project is conferred to the Agricultural Statistic Service (DSID) of the Ministry of Agriculture, Livestock and Fishery. The project execution personnel include the department of the Ministry of Agriculture and the National Institute of Statistic. These personnel are divided into two committees: the national committee in charge of financial and monitoring aspects of the project, and the technical committee in charge of technical execution of the project. The 2012 census of agriculture will be completed with a current survey programme based on a sample of 2000 agricultural holdings. Agricultural information will be collected through a set of six questionnaires developed for the circumstance. This set of questionnaires includes:

- Livestock questionnaire
- Agricultural holdings and plots cultivated questionnaire
- Crops harvested questionnaire
- Crops yields questionnaire
- Price received by agricultural producers questionnaire
- Pluviometric information questionnaire

KIND OF DATA

Census/enumeration data [cen]

UNITS OF ANALYSIS

Households

Scope

NOTES

The scope of the census collected information on the sociodemographic characteristics of the holding, the holding's plots, the crops harvested, irrigation, the use of fertilizers and pesticides, food security, and sedentary, nomadic and transhumant livestock.

TOPICS

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

Livestock	FAO	
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Coverage

GEOGRAPHIC COVERAGE

National coverage

UNIVERSE

The statistical unit is the agricultural holding, defined as an economic unit of agricultural production comprising all livestock kept and all land wholly or partially used by one or more persons, for agricultural production purposes, without regard to title or size, and is subject to a single management. The CA 2012-2014 covered only the agricultural holdings in the household sector ("agricultural households"). An agricultural household is a household in which one or more members are involved in own-account agricultural production.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
The Ministry of Agriculture, Livestock and Fishery (MAEP)	

OTHER PRODUCER(S)

Name	Affiliation	Role
National Statistics Office		Technical assistance
Food and Agriculture Organization		Technical assistance

FUNDING

Name	Abbreviation	Role
Government of Togo		Funding

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Office of Chief Statistician	OCS	Food and Agriculture Organization	Adoption of the metadata for FAM
Census team, Statistics Division	ESS	Food and Agriculture Organization	Metadata producer

DDI DOCUMENT VERSION

TGO_2012-2014_CA_v01_EN_M_v01_A_OCS_v01

DDI DOCUMENT ID

DDI_TGO_2012-2014_CA_v01_EN_M_v01_A_OCS_FAO

Sampling

Sampling Procedure

i. Survey design

Core census module data collection has been carried out through complete enumeration while the 2012 agricultural census is carried out by sample enumeration.

ii. Stratification - agricultural census survey

A survey design at two degrees was applied. The stratum at first degree is formed by the administrative divisions of the country including a total of 35 prefectures and one under prefecture. At secondary degree, a stratification has been operated among the agricultural holdings according to agricultural activity practiced (agriculture alone, agriculture and breeding, breeding alone) in the concern to reduce sampling error. The primary units (PU) are the enumeration areas (EA) derived from the 2010 Population Census drawn with probability proportional to their population size (Random replicated selection). The secondary units (SU) are the agricultural holdings drawn with equal probability at the rate of 6 holdings per PU. The complete list of all PU (2 000 PU and 9 000 agricultural holdings) derived from the pre census data. The distribution of the sample of the PU within the prefectures is proportional to the size (population) of the prefecture. In order to avoid small sizes, the minimum weight of primary units is fixed at 25 PU.

Questionnaires

Overview

The CA used seven questionnaires: one for the core module and six for the supplementary module and thematic surveys. The main module included:

1. Agricultural holding questionnaire:

- Gender of the head of the family
- His marital status
- Level of education
- Size of the family (number of men and women)
- Agricultural activities practiced by members of the family
- Non agricultural activities practiced by members of the family
- Number of agricultural actives (men and women) on the holdings
- Number of plots cultivated
- Presence of irrigation
- Temporary crops planted (cereals, tubers and leguminous plants)
- Tree crops (coffee, cocoa, cotton, Palme oil tree etc)
- Fruit trees
- Livestock (cattle, goat, sheep, pigs and poultry)
- Silviculture (number of plots)
- Practice of fishery
- Number of agricultural materials
- Number of persons in the holding having a bank account (men and women)
- Area cultivated (declaration)

2. Community data questionnaire:

- Infrastructures
- Natural resources of the village
- Forestry site of the village
- Cost of land
- Social and economic organization of the village
- Localization and identification of herds
- Market garden
- Localization and identification of piscicultural ponds
- Main difficulties connected to agricultural production
- Livestock and market selling

In addition, the rural community survey questionnaire was used for community-level data collection. The CA questionnaires covered 15 of the 16 core items recommended for the WCA 2010 round. The core item "Legal status of agricultural holder" was not covered by the CA.

Data Collection

Data Collection Dates

Start	End	Cycle
2012-04	2013-01	N/A

Data Collection Mode

Face-to-face [f2f]

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Data Processing

Data Editing

1. DATA ENTRY ORGANIZATION

Data capture operations was at first organized on 15 Micro computers and then on 40 at the headquarters of DSID. The capture was done through CPro package and data processing through SPSS. A total of 60 data keying operators have been deployed for the pre census data, including the basic module and the community data. This number of data capture operators has been brought to 170 for the complementary module. In the concern to lighten files balancing, control programmes have been incorporated at different levels of data capture programme, including:

- exhaustiveness control consisting of units checking (enumeration zones, holdings, plots yields, etc) are incorporated
- likelihood control ensuring data captured within the likely intervals
- consistency control

2. TABULATION

Main objectives of data tabulation are to provide complete characteristics of the Togolese agriculture through the census. Most important cross tabulations are developed on:

- Agricultural household
- Housing
- Total and active population
- Crops Land occupation
- Livestock
- Agricultural materials and equipment
- Motorized materials using
- Labor force
- Dependence and agricultural credits
- Yields and destination of the agricultural production

3. DATA QUALITY

The layout of the 2012 agricultural census from the stage of the technical preparation, with a sample drawing procedure minimizing sampling error, to the implementation stage, characterized by reinforced monitoring and counter surveys have permitted to improve results quality.

Data Appraisal

No content available