

# Bolivia (Plurinational State of) - Agricultural Census, 2013

**National Institute of Statistics (INE)**

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## Identification

### SURVEY ID NUMBER

BOL\_2013\_AC\_v01\_EN\_M\_v01\_A\_OCS

### TITLE

Agricultural Census, 2013

### COUNTRY

Name	Country code
Bolivia (Plurinational State of)	BOL

### STUDY TYPE

Agricultural Census [ag/census]

### SERIES INFORMATION

The first Agricultural Census (AC) was conducted in 1950 and the second in 1984. The 2013 AC, to which the present metadata review and data refer, was the third census to be conducted in the Plurinational State of Bolivia.

### ABSTRACT

The First National Agricultural Census was carried out in 1950, three years before the 1953 Agrarian Reform. The data reflected a country characterised by latifundia with a total of 86,377 Agricultural Production Units (UPA) and a cultivated area of 654,251 hectares. The country did not conduct another agricultural census until 1984, the year in which the Second National Census was carried out Agricultural that was incomplete. However, in this Census showed important changes in the structure the number of agricultural holdings has increased, and the number of to a total of 519,399, with a cultivated area of 1,137,405 hectares.

### Objective:

The general objective of an Agricultural Census is to have up-to-date and structural information on the agricultural, livestock, forestry, hunting and fishing activities and others, through the quantification of the PPUs, which to establish policies, plans and programmes for development in favour of the agricultural sector.

### KIND OF DATA

Census/enumeration data [cen]

### UNIT OF ANALYSIS

Households

## Scope

### NOTES

The scope of the study was agriculture (including forestry), livestock and infrastructure.

### TOPICS

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

Environment

FAO

## Coverage

### GEOGRAPHIC COVERAGE

National coverage

### UNIVERSE

The statistical unit was the agricultural production unit (UPA), which "comprises the land or parcel, set of land or parcels, used wholly or partially for agricultural activities, and that is conducted as an economic unit by a producer, regardless of size, tenure or legal status".

## Producers and sponsors

### PRIMARY INVESTIGATORS

#### Name

National Institute of Statistics (INE)

### PRODUCERS

#### Name

Ministry of Planning and Development

Ministry of Rural Development and Lands

#### Role

Technical assistance

Technical assistance

## Sampling

### SAMPLING PROCEDURE

#### i. Frame

The census frame was established using the list of producers at the community level, based on which UPAs and plots with agricultural activity were identified. The cartography and the list of producers facilitated the location of UPAs in the field

## Data Collection

### DATES OF DATA COLLECTION

#### Start

2013-09

#### End

2013-11

### DATA COLLECTION MODE

Face-to-face [f2f]

## Questionnaires

### QUESTIONNAIRES

Two questionnaires were used for data collection:

(a) Census ballot of the agricultural production unit (UPA):

I. Geographical census location of the UPA

II. Characteristics of the producer

III. Agricultural production unit

- IV. Land use
- V. Main uses and agricultural practices
- VI. Livestock and poultry
- VII. Main practices in livestock and poultry
- VIII. Water sources for irrigation and animal consumption
- IX. Forests or mountains
- X. Hunting and fishing
- XI. Assistance or support received, credit and insurance
- XII. Infrastructure, machinery and equipment and implements for general use
- XIII. Use of electricity, natural gas, animal traction and agricultural machinery
- XIV. Staff working at the UPA

(b) Community census ballot:

- I. Geographical census location of the community
- II. General characteristics of the community
- III. Availability of services
- IV. Performance of different livestock species
- V. Agricultural pests and diseases
- VI. Environment
- VII. Technical assistance and services
- VIII. Farm labour
- IX. Forestry, fish farming and others

The AC 2013 census questionnaire covered all 16 core items recommended for the WCA 2010 round.

## Data Processing

### DATA EDITING

#### 1. DATA PROCESSING AND ARCHIVING

Once the fieldwork was completed, the information was processed. The latter stage of work comprised: coding, data entry, processing, and building the database. Data entry and coding involved more than 700 persons. This activity was carried out from December 2013 to July 2014. At the same time, consistency criteria and data imputation rules were formulated, in cooperation with the Brazilian Institute of Geography and Statistics (IBGE). For the CA, it was decided to use open-source Free Software technology. The SPSS programme was used to tabulate the results.

#### 2. CENSUS DATA QUALITY

Validation of the census data was automated. Automatic criteria of consistency and imputation were established for each question, through the relationship of variables and the grouping of atypical cases or inconsistencies; in these cases, the PostgreSQL software was used.

## Access policy

### CONTACTS

Name	Email	URL
Institute Nacional de Estadística	ceninf@ine.gob.bo	<a href="#">Link</a>

### CONFIDENTIALITY

See <https://www.ine.gob.bo/index.php/transparencia/transparencia-institucional/#1590592933158-f9adfac0-3c02>

### ACCESS CONDITIONS

#### CONTACT:

Institute Nacional de Estadística

Address: Jose Carrasco Avenue, No. 1391 - Miraflores, La Paz, Plurinational State of Bolivia

Telephone: (+591) 2 2222333

See also <https://www.ine.gob.bo/index.php/transparencia/transparencia-institucional/#1590592933158-f9adf0-3c02>

## Disclaimer and copyrights

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## Metadata production

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### DDI DOCUMENT ID

DDI\_BOL\_2013\_AC\_v01\_EN\_M\_v01\_A\_OCS\_FAO

### PRODUCERS

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

BOL\_2013\_AC\_v01\_EN\_M\_v01\_A\_OCS\_v01

**Data Description**

Data file	Cases	Variables
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