

# Mexico - Agricultural Census 2007

**National Institute of Statistics and Geography**

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# Overview

## Identification

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### ID NUMBER

MEX\_2007\_CA\_v01\_EN\_M\_v01\_A\_OCS

## Overview

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### ABSTRACT

This census constitutes a primary source of data that allows for characterizing the structure of the agricultural and forestry sectors in the country. Through this, basic information can be obtained on the identification, location and characteristics of each and every observation unit, which make up the universe of study. These includes production units (with and without agricultural and forestry activities), as well as, households with animal husbandry and livestock; which allows them to be differentiated and analyzed with different levels of disaggregation.

The decennial periodicity of the census allows the conceptual package used to be analyzed and evaluated during the inter-censal period or interval. Also, the information needs of each period are considered and the relevant field tests are carried out. This explains the constant evolution of the themes, concepts and variables to capture, with their respective methodological, conceptual and operational adaptations. Thus, the census is the result of the aforementioned evolutionary process, through seven census exercises, the most recent being the 8th census carried out in 2007.

The operation of the 8th agricultural, livestock and forestry census included 2 different stages: Land enumeration (carried out from June 11 to July 6); and Information gathering (carried out from October 1 to November 30) 2007. The first stage is used in identifying lands and their holders or producers. The main objective here is to generate a directory of producers that can serve as a basic input for the 2007 census. In the second stage, information is obtained from earlier identified producers through a mobile-capture questionnaire.

The goal of the census operation includes:

1. To capture structural information from the agricultural and forestry sector, as well as, to obtain basic information on the economic and technological characteristics of the different production units.
2. To generate a national directory of producers associated with the land inventory, in order, to have a sampling frame to support the development of surveys and research on the sector.

### KIND OF DATA

Census/enumeration data [cen]

### UNITS OF ANALYSIS

Agricultural holdings

## Scope

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### NOTES

1. Production unit
2. Farming/ agricultural activity
3. Destination of agricultural production
4. Pasture area
5. Forest exploitation
6. Destination of forestry products/production

7. Animal breeding
8. Destination of livestock production
9. Verification questions
10. Tractors, vehicles and machinery
11. Credit, insurance, support and savings
12. Organization for the management of labor and production unit
13. Organization of producers
14. Training and technical assistance
15. Main activities and problems
16. Sociodemographic characteristics of the producer
17. Producer identification data

## TOPICS

Topic	Vocabulary	URI
Agricultural production		
Livestock production		
Forestry production		

## KEYWORDS

Production unit, Agriculture, Annual and perennial crops, Non-cultivated land area, Water source & availability, Agricultural facilities and technology, Nursery and greenhouse, Production destination, Land area/surface area, Pasture area, Forest use, Forest facilities and technology, Animal breeding, Production system, Equipment, Installations, Sales volume, Cattle, Pigs, Poultry, Sheep, Goats, Beehives, Other species, Machinery, Credit & insurance, Savings and support, Organization, Labor, Producers, Training and technical assistance, Main activity and problems, Sociodemographic characteristics

## Coverage

## GEOGRAPHIC COVERAGE

National Coverage

## UNIVERSE

Lands with or without agricultural and forestry activity, households with animal husbandry, production instruments available to develop agricultural, livestock and forestry activities.

## Producers and Sponsors

## PRIMARY INVESTIGATOR(S)

Name	Affiliation
National Institute of Statistics and Geography	Government of Mexico

## OTHER PRODUCER(S)

Name	Affiliation	Role
General Directorate of Economic Statistics	Government of Mexico	

Deputy General Directorate of Economic and Agricultural Censuses	Government of Mexico	
Directorate of Census and Agricultural Surveys	Government of Mexico	

## FUNDING

Name	Abbreviation	Role
National Institute of Statistic and Geography	INEGI	Financing

## Metadata Production

## METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Office of Chief Statistician	OCS	Food and Agriculture Organization	Metadata adapted for FAM
National Institute of Statistic and Geography	INEGI		Metadata development
General Directorate of Economic Statistics	DGEE		Metadata development
Deputy General Directorate of Economic and Agricultural Censuses	DGACEA		Metadata development
Directorate of Census and Agricultural Surveys	DCEA		Metadata development
Coordination of Conceptual Design and Results	CDCR		Metadata development
Subdirectorate of Conceptual Design	SDC		Metadata development

## DDI DOCUMENT VERSION

MEX\_2007\_CA\_v01\_EN\_M\_v01\_A\_OCS\_v01

## DDI DOCUMENT ID

DDI\_MEX\_2007\_CA\_v01\_EN\_M\_v01\_A\_OCS\_FAO

## Sampling

### Sampling Procedure

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There was full coverage in localities with less than 9,000 inhabitants, and home visits to agricultural and forestry producers in localities of 9,000 inhabitants or more, identified during the land enumeration phase.

# Questionnaires

No content available

## Data Collection

### Data Collection Dates

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Start	End	Cycle
2007-10-01	2007-11-30	N/A

### Data Collection Mode

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Computer Assisted Personal Interview [capi]

## Data Processing

### Data Editing

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Processing of the data was carried out by applying previously designed systems for this purpose, as well as, using both electronic and manual solutions for the reports generated by the systems. These procedures included: capture during the execution of the field operation, clarification, standardization techniques, validation, analysis of the information and generating results.



# Data Appraisal

## Other forms of Data Appraisal

The data collection procedure was divided into two stages, so that the identification and registration of the land, producers and their respective domiciles were first carried out. Once the census frame was built, there was a visit to each and every one of the registered addresses to administer the questionnaires under established strategies.

The 2 stages included:

### 1. Land Enumeration

It was carried out with the purpose of identifying and locating the land with or without agricultural or forestry activity, as well as, the owners and producers thereof. This was done by delimitation on cartographic material with satellite images as a background and with the support of appropriate informants. This was done in order to register the information obtained on a mobile device PDA (Personal Digital Assistant) and obtain the producer directory.

### 2. Information gathering

This stage aimed at obtaining information on the production units through the questionnaire incorporated in the PDA mobile device, that was applied to agricultural and forestry producers in urban and rural locations throughout the country, with the support of informants in different locations. In the design of the operational strategy, the concentration of agricultural and forestry producers was analyzed by ranges of inhabitants within localities.

In accordance with the above, two strategies were formulated:

#### A. Full coverage

In this strategy, a housing sweep was carried out in towns with less than nine thousand inhabitants, in which, through introductory questions, the existence of production units with or without agricultural and forestry activity was investigated, as well as, houses that carry out activities related to the breeding and exploitation of animals, as well as the collection of wild products.

#### B. Home visit

This strategy involved guided visits to agricultural and forestry producers located within the category of the nine thousand and more inhabitants, identified during the land enumeration stage. It involved direct visits to their homes to administer the questionnaire incorporated in the PDA mobile device.