

# China - Agricultural Census, 2006

**National Bureau of Statistics (NBS)**

Report generated on: December 8, 2020

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# Overview

## Identification

### ID NUMBER

CHN\_2006\_AC\_v01\_EN\_M\_v01\_A\_OCS

## Overview

### ABSTRACT

The objective of the Second National Agricultural Census is to understand in an overall manner the basic situation of agriculture, rural areas and residents of the country in order to build up foundation for the study and formulation of economic and social development planning and scientific decision-making and to provide statistic information service to agricultural producers and operators as well as the general public. The objects of the Second National Agricultural Census are the following entities and households within the territory of the People's Republic of China:

(1) Rural household: it includes rural agricultural households (rural household agricultural holdings) and rural other households no matter whether the register identification of members of the household is local or not and whether is agricultural or not. Rural agricultural households refer to those households engaged in agriculture activities, including crop farming, forestry, animal husbandry, fishery/aquaculture and agricultural service in rural areas. Rural other households refer to those households inhabited in rural areas without engaging agricultural activities.

(2) Urban agricultural household (urban household agricultural holdings): it refers to those households engaged in agriculture activities, including crop farming, forestry, animal husbandry, fishery/aquaculture and agricultural service in urban areas.

(3) Non-household agricultural holding: it refers to legal entities, agricultural establishments of legal entities with multiple-establishments and unregistered entities that basically satisfied with the qualification of legal person, which are engaged in agriculture activities, including crop farming, forestry, animal husbandry, fishery/aquaculture and agricultural service except households. It includes not only enterprises, public service organization and cooperative of farmer households with agriculture as the major industry, but also agricultural establishments of agricultural production and operation affiliated to industrial and mining enterprises, government agencies, social groups and schools.

### KIND OF DATA

Census/enumeration data [cen]

### UNITS OF ANALYSIS

Households

## Scope

### NOTES

The scope of the Second National Agricultural Census includes crop farming, forestry, animal husbandry, fishery/aquaculture and agricultural service.

### TOPICS

Topic	Vocabulary	URI
Agriculture & Rural Development	FAO	
Forests & Forestry	FAO	
Food (production, crisis)	FAO	
Livestock	FAO	

### KEYWORDS

Crop production, Animal production, Agricultural services, Forestry activities, Fishery activities, Rural infrastructure, Basic social services

## Coverage

### GEOGRAPHIC COVERAGE

National coverage

### UNIVERSE

The statistical unit of the AC 2006 was the agricultural holding, defined as the household or the entity in the non-household sector engaged in crop farming, animal husbandry, forestry, fishery and agricultural services on agricultural land, and that meet one of the criteria specified as a threshold (see section 7 below). The agricultural holdings were classified as: (a) household agricultural holdings or (b) non-household agricultural holdings, as identified by surveying the following entities and households within the territory of the People's Republic of China: (i) rural households;' (ii) urban agricultural households;<sup>2</sup> and (iii) non-household agricultural holdings (agricultural establishments).

## Producers and Sponsors

### PRIMARY INVESTIGATOR(S)

Name	Affiliation
National Bureau of Statistics (NBS)	

### OTHER PRODUCER(S)

Name	Affiliation	Role
Agricultural Census Office		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

CHN\_2006\_AC\_v01\_EN\_M\_v01\_A\_OCS\_v01

### DDI DOCUMENT ID

DDI\_CHN\_2006\_AC\_v01\_EN\_M\_v01\_A\_OCS\_FAO

# Sampling

## Sampling Procedure

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### (a) Demarcation of enumeration area

- Enumeration area is demarcated according with the area administered by villagers' committee as a unit. Each enumeration area is manned by at least one supervisor;

- Under the Enumeration area, sub-enumeration areas are established according with villagers' group in principle. If no villagers' group has been set up, or the villagers' group is excessively big or the boundary is not clearly defined, or the households of the same villagers' group are dispersed in over 5 clusters, clear geographic marks should be used to demarcate the sub-enumeration area. The size of sub-enumeration area and the number of enumerator is set for the completion of field enumeration in 10-15 days. Usually, the size of sub-enumeration area is 50 to 100 households. It could be 20-50 households in the area with less population density and difficulties in transportation. Each sub-enumeration area is manned by at least one enumerator.

### (b) Frame

At village level, the household list for rural residents was used as the census frame. For non-household holdings, administrative records for enterprises from government regulatory agencies were used as a reference for the census. The enumerators were required to identify each eligible enterprise and establishment in scope.

# Questionnaires

## Overview

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Four types of questionnaires were used in the AC 2006:

- (i) questionnaires for households (which covered all households in rural areas and urban agricultural households)
- (ii) questionnaires for agricultural holdings in the non-household sector (three specific questionnaires for different types of units)
- (iii) village questionnaires
- (iv) township questionnaires
- (v) agricultural land questionnaires

The AC 2006 questionnaires covered all 16 core items recommended for the WCA 2010 round, namely;

- 0001 Identification and location of agricultural holding
- 0002+ Legal status of agricultural holder
- 0003 Sex of agricultural holder
- 0004 Age of agricultural holder
- 0005 Household size
- 0006 Main purpose of production of the holding
- 0007 Area of holding according to land use types
- 0008 Total area of holding
- 0009 Land tenure types on the holding
- 0010 Presence of irrigation on the holding
- 0011 Types of temporary crops on the holding
- 0012 Types of permanent crops on the holding and whether in compact plantation
- 0013 Number of animals on the holding for each livestock type
- 0014 Presence of aquaculture on the holding
- 0015+ Presence of forest and other wooded land on the holding
- 0016 Other economic production activities of the holding's enterprise

# Data Collection

## Data Collection Dates

Start	End	Cycle
2007-01-01	2007-03-31	N/A

## Data Collection Mode

Face-to-face [f2f]

## Data Collection Notes

The interviews were conducted face-to-face during visits to the household, enterprise and establishment and the information was collected in paper forms (using the PAPI method). The questionnaires for the non-household agricultural holding were filled in by self-enumeration.

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## Data Processing

### Data Editing

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#### (a) DATA PROCESSING AND ARCHIVING

A combination of different methods, such as manual data entry and scanning, was used for census data capture. The software used for data capture, processing, analysis and tabulations were aPRAS and SAS. Microdata were stored on the server.

#### (b) CENSUS DATA QUALITY

After enumeration was completed, the ACO organized three-level data quality checks, including the PES of households, data verification on agricultural land parcels, and the proof for data processing.

The PES of households consisted of 110 sample counties covering 330 census areas, and more than 20 000 households. It was

conducted using a stratified two-stage sampling method. The census data were verified against the registration results of the AC.

## Data Appraisal

### **Other forms of Data Appraisal**

Scanning (OCR) was used for census data capture. Census results were disseminated and are accessible online.