

# Niger - Census of Agriculture, 2004-2008

**Central Census Bureau**

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# Overview

## Identification

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### ID NUMBER

NER\_2004-2008\_CA\_v01\_EN\_M\_v01\_A\_OCS

## Overview

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### ABSTRACT

The General Census of Agriculture and Livestock i.e. Recensement Général de l'Agriculture et du Cheptel (RGAC) is the result of a successful cooperation between the Government of Niger, the European Union, the World Bank and the FAO. The objective of this important statistical operation is to improve the quality of the census, specifically the effectiveness of agricultural and rural development programmes, for which there is a need for a renewed statistical information system capable of :

- Providing the data to better analyse constraints and target interventions accurately;
- Evaluating the impact and measure the performance of the actions carried out;
- Monitoring progress towards achieving the results assigned to the Rural Development Strategy (RDS) and the policy aimed at reducing poverty in Niger.

### KIND OF DATA

Census/enumeration data [cen]

### UNITS OF ANALYSIS

Households

## Scope

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### NOTES

The scope of the study covered the following topics:

- Irrigation
- Passage corridor
- Migration
- Livestock
  - o sedentary pastoral
  - o nomadic
  - o transhumant grazing systems
- Horticultural farming
- Fisheries
- Agricultural organization/affiliations

### TOPICS

Topic	Vocabulary	URI
Agriculture & Rural Development	FAO	
Animal health	FAO	
Pastoralism	FAO	

## Coverage

### GEOGRAPHIC COVERAGE

National coverage

### UNIVERSE

The statistical unit was the agricultural (farm) household, defined as "a household where any of its members practices agriculture without being only an employee in agriculture".

## Producers and Sponsors

### PRIMARY INVESTIGATOR(S)

Name	Affiliation
Central Census Bureau	The Government of Niger

### FUNDING

Name	Abbreviation	Role
The government of Niger		Funding
European Union	EU	Funding
World Bank	WB	Funding

## 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

NER\_2004-2008\_CA\_v01\_EN\_M\_v01\_A\_OCS\_V01

### DDI DOCUMENT ID

DDI\_NER\_2004-2008\_CA\_v01\_EN\_M\_v01\_A\_OCS\_FAO

# Sampling

## Sampling Procedure

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### i. Methodological modality for conducting the census

The CA 2004-2008 adopted a modular approach, with a core module and nine supplementary/thematic modules.

### ii. Frame

The main source of sampling frame consisted in the EAs from the Population Census (PC) 2001. Approximately 7 500 out of 8 000 EAs were included. The PC also provided the list of households involved in agricultural activities. In addition, the livestock frame included all known water points and transhumant routes.

### iii. Complete and/or sample enumeration method(s)

A complete enumeration of households within the 7 465 EAs from the PC which engaged in agricultural activity was done to identify agricultural households.

The supplementary/thematic modules were conducted using sample enumeration.

### iv. Sample design

A stratified two-stage sampling design was used for the supplementary/thematic modules. The 36 departments served as strata. A sample was then drawn at the departmental level. The EAs were the PSUs and households were the SSUs, and were selected at EA level with an equal probability. According to the module, relevant samples of EAs were designed. In total, approximately 13 000 households were selected for the crop production module and 12 000 households for the animal production module.

# Questionnaires

## Overview

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The CA used 19 questionnaires for the core and supplementary/thematic modules. The questionnaires addressed topics such as: irrigated and rainfed crops, crop farm productivity, livestock numbers by type of animal, sedentary, nomadic, and transhumant livestock, livestock productivity, food security, support for farmers' organizations. The questionnaires used were:

- Q1: Pre-census of agricultural households
- Q2: Inventory and measurement of pastoral settlements
- Q3: Inventory and measurement of plots of land
- Q4: Laying and harvesting the yield squares
- Q7: Survey of water points in dry season concentration areas
- Q8: Census of terminal crossing points of transhumance corridors
- Q9: Census of sedentary livestock
- Q9-2 : Complementary study of the livestock numbers in the avian population
- Q10: Census of transhumant livestock
- Q11: Nomadic livestock census
- Q11-2 :Complementary study of the nomadic livestock
- Q12: Census of horticultural production sites
- Q14: Estimated areas and horticultural production
- Q15: Inventory of markets
- Q17: Village questionnaire
- Q18: Household questionnaire
- Q19: Plot questionnaire

The CA questionnaires covered 11 of the 16 core items<sup>3</sup> recommended for the WCA 2010 round.

## Data Collection

### Data Collection Dates

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Start	End	Cycle
2004-09	2005-03	Core module

### Data Collection Mode

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Face-to-face [f2f]

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## Data Processing

### Data Editing

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#### 1. DATA PROCESSING AND ARCHIVING

Data entry, editing and imputation were undertaken using the CSPro software. The SPSS software was used for data analysis and Microsoft Excel was used for tabulation.

#### 2. CENSUS DATA QUALITY

Efforts were made to minimize non-sampling errors through thorough preparation of training materials and formation of census personnel, and by making quality consciousness an important part of the work of enumerators and supervisors.

## Data Appraisal

No content available