

Cambodia - National Census of Agriculture 2013

National Institute of Statistics

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Overview

Identification

ID NUMBER

KHM_2013_NCA_v01_EN_M_v01_A_OCS

Overview

ABSTRACT

The main objective of the NCA 2013 is to provide data on the current agricultural situation in the country that will be utilized by policy makers. Specifically, the census data will be useful in:

1. Providing sampling frame for the conduct of agricultural sample surveys;
2. Providing data on the smallest administrative unit in the country; and,
3. Providing data on the current structure of the agricultural holdings with crop growing activity and/or raising livestock and/or poultry and aquaculture activities in the country.

KIND OF DATA

Census/enumeration data [cen]

UNITS OF ANALYSIS

Households

Scope

NOTES

Form A - Listing Form

1. Geographic information
2. Information on the involvement of households in agriculture and/or aquaculture activities

Form B - Basic Information on Agricultural Holding

1. Geographic information
2. Respondent and agriculture holder information
3. Legal status of the agricultural holder
4. Basic characteristics of the agricultural holding such as size and number of parcels in the holding and location, actual area, main land use and land tenure of each parcel in the holding
5. Presence of forest and other wooded lands
6. Use of irrigation
7. Temporary crops planted
8. Permanent crops planted
9. Main purpose of production

10. Livestock/Poultry raised in the holding

11. Presence of aquaculture

12. Holder's household information

Form C - Growing of Crops

1. Geographic information

2. Respondent and agriculture holder information as well as sub-holder information

3. Temporary crops planted and/or harvested including area planted, cropping duration, cropping pattern, and, area harvested

4. Permanent crops including area of compact plantation and number of productive permanent crops in scattered planting

5. Irrigation and other information regarding parcel

6. Agricultural activities in the homelot

7. Agricultural practices

8. Implements, equipment and machineries used in the holding

9. Agricultural services

10. Membership in an organization and other relevant information

Form D - Raising of Livestock/Poultry

1. Geographic information

2. Respondent, agriculture holder and sub-holder information

3. Livestock/Poultry as of the time of enumeration

4. Inventory of livestock/poultry during the last 12 months

5. Equipment, machineries, buildings and agricultural extension

Form E - Aquaculture Activity

1. Geographic information

2. Respondent, aquaculture operator and sub-operator information

3. Details of aquaculture activity including type of culture, location, actual area, production facility, type of water used, main specie cultured and equipment and machineries used.

4. Household involvement and hired labor

5. Other relevant information

Form F - Relevant Information on Agricultural Household

1. Geographic information

2. Respondent and agricultural holder information

3. Agricultural household population (total number, name, relation to head, sex, age, marital status, highest grade completed, currently attending school, physical/psychological/mental difficulty, primary and secondary economic activity, status of employment and tasks done in own agricultural holding in last 12 months)

4. Other farm labor (not household member)
5. Food security
6. Other economic activities such as catching of fish and aquatic products in marine/inland waters, forestry-related activities, etc.

Form G - Village Questionnaire

1. Type of soil
2. Main topographical feature
3. Prone to any calamity/disaster within previous five years
4. Economic activities available
5. Seasonal labor movement
6. Crop duration
7. Agro-processing equipment/machines/facilities
8. Mode of transport
9. Available school
10. Communication facilities
11. Health facilities
12. Water facilities
13. Access to roads and presence of market
14. Presence of people's organization
15. Presence of NGO/INGO
16. Ethnicities/national races
17. Religion

TOPICS

Topic	Vocabulary	URI
Agricultural Sector	World Bank	

Coverage

GEOGRAPHIC COVERAGE

National Coverage

UNIVERSE

All resident households in Cambodia, as well as, all chief of villages or their representatives in Cambodia.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
National Institute of Statistics	Ministry of Planning

OTHER PRODUCER(S)

Name	Affiliation	Role
Ministry of Agriculture, Forestry and Fisheries	Royal Government of Cambodia	Collaboration in conducting the study
Food Agriculture Organization	United Nations	Technical Assistance

FUNDING

Name	Abbreviation	Role
Royal Government of Cambodia	RGC	Funding Agency
Food Agriculture Organization	FAO	Funding Agency
Sweden International Development Agency	SIDA	Co-Funding Agency
Australian AID	AUSAID	Co-Funding Agency

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Office of Chief Statistician	OCS	Food and Agriculture Organization	Metadata adapted for FAM
MOENG TITHYAROAT	ROAT	National Institute of Statistics, Cambodia	Archivist
NOU THAVY	NTV	National Institute of Statistics, Cambodia	Archivist

DDI DOCUMENT VERSION

KHM_2013_NCA_v01_EN_M_v01_A_OCS_v01

DDI DOCUMENT ID

DDI_KHM_2013_NCA_v01_EN_M_v01_A_OCS_FAO

Sampling

Sampling Procedure

This census made use of one-stage, stratified systematic sampling method. The two strata used are households with large agricultural holdings and households with small agricultural holdings. All large agricultural holdings were interviewed while 5 percent of small agricultural holdings were selected using systematic sampling. Large agricultural holdings are defined in two ways:

1. Households that use 10 hectares or more, wholly or partly for agricultural activities.
2. Households with at least 10 cattle/buffaloes/other large livestock and/or at least 20 pigs/goats/other small livestock and/or at least 100 poultry.

Hence, those households cultivating agricultural lands between 0.03 ha to 9.99 ha and/or with large livestock ranging from 2 to 9 and/or with 3-19 small livestock and/or with 25-99 poultry were considered to have small agricultural holdings. These households with small agricultural holdings were subjected to systematic sampling. The sampling rate was 5% of the total households with small agricultural holdings. The sample selection was done at the commune level, which was the domain for this census. Hence, the lowest administrative unit in which all estimated results from which the Supplementary Module Interview of Sample Agricultural Households (SMISAH) was produced is at the commune level.

For details on the sampling procedure please refer to Annex 1 of the Training Manual.

Questionnaires

No content available

Data Collection

Data Collection Dates

Start	End	Cycle
2013-04-01	2013-05-31	1

Time Periods

Start	End	Cycle
2012-04-01	2013-03-31	N/A

Data Collection Mode

Face-to-face paper [f2f]

Data Collectors

Name	Abbreviation	Affiliation
National Institute of Statistics	NIS	Ministry of Planning
Provincial Department of Planning		Ministry of Planning
Ministry of Agriculture, Fishery and Forestry	MAFF	

Data Processing

Data Editing

Manual processing of questionnaires to verify status of completeness, correctness, and consistency of the data entries was done.

Also, manual editing and coding were performed by four persons (one supervisor and three processors) all of them from NIS. They participated in editing and coding of many surveys conducted by NIS.

Data Appraisal

No content available