

# Cambodia - Pilot Survey 2010 of 2011 Economic Census of Cambodia

**National Institute of Statistics**

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## Overview

### Identification

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ID NUMBER  
KHM-NIS-PS-2010-v1.0

### Version

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VERSION DESCRIPTION  
Version 1 - Final dataset of the economic census of pilot survey.

PRODUCTION DATE  
2010-10-27

### Overview

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ABSTRACT  
Toward EC2011, the pilot survey aims to:

- (1) gain statistical data on the current Cambodian economy which are comparable with the results of EC2011;
- (2) gain the updated list of large-scaled establishments;
- (3) test the form and other documents; and
- (4) test the work procedures of every stage of the enumerators, supervisors, local government offices and NIS.

An establishment is an enterprise or part of enterprise which is situated in a single location and in which only a single (non-ancillary) productive activity is carried out or in which the principal productive activity accounts for most of the value added. This conforms to the International Standard Industrial Classifications (ISIC) Rev.4 of the United Nations. Generally speaking, there are three kinds of establishments: fixed, movable, and I-8 mobile. "Fixed" means an establishment running some economic activity always in the fixed place and building. "Movable" means an establishment running some economic activity always in the fixed place, but it is possible to move the place easily. And "mobile" means an establishment running some economic activity on the run. Since the PS2010 covered "fixed" and "movable" only, unfixed "mobile" was not included in these final results.

KIND OF DATA  
Sample survey data [ssd]

UNITS OF ANALYSIS  
Establishment

### Scope

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NOTES  
The scope of the survey with respect to items of information is as follows:

- 1.Area information
- 2.Establishment Information
- 3.Characteristics of representative of the establishment

- 4.Registration to administrative agencies
- 5.Ownership of Establishment
- 6.Single unit, Head or Branch office
- 7.Tenure, Kind and Area (square meters: m2) of business place
- 8.Working Time
- 9.Year of starting business
- 10.Number of persons engaged actually in this establishment one week before 1 March 2010.
- 11.Kind of main business activities which this establishment only is engaged in.
- 12.Number of Branch offices that this head office supervises
- 13.Total number of entire regular employees at the end of December 2009.
- 14.Kind of business activities of the entire enterprise that include not only those of this head offices but also those of branch offices.
- 15.Does this Establishment or this Enterprise keep documents of the Balance Sheet and the Income Statements
- 16.Amount of sales and operating expense per day in a recent month and number of working days.
- 17.Total amounts of assets at the end of December 2009
- 18.Total amount of equity held at the end of December 2009
- 19.Total amount of Non-current liabilities at the end of December 2009
- 20.Total amount of Current liabilities at the end of December 2009
- 21.Amount of revenue and expense in a year 2009 under "Accrual basis accounting", which records revenues and related expenses in same period.

## TOPICS

Topic	Vocabulary	URI
Macroeconomics & Growth	CESSDA	<a href="http://www.nesstar.org/rdf/common">http://www.nesstar.org/rdf/common</a>
Economic Policy	CESSDA	<a href="http://www.nesstar.org/rdf/common">http://www.nesstar.org/rdf/common</a>
Debt Management	CESSDA	<a href="http://www.nesstar.org/rdf/common">http://www.nesstar.org/rdf/common</a>
Decentralization/ Subnational Regional Economics	CESSDA	<a href="http://www.nesstar.org/rdf/common">http://www.nesstar.org/rdf/common</a>
Fiscal Policy	CESSDA	<a href="http://www.nesstar.org/rdf/common">http://www.nesstar.org/rdf/common</a>
Financial Sector	CESSDA	<a href="http://www.nesstar.org/rdf/common">http://www.nesstar.org/rdf/common</a>

## Coverage

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## GEOGRAPHIC COVERAGE (1)

National

## GEOGRAPHIC COVERAGE (2)

Province

## UNIVERSE

The pilot survey covers all establishments which exist at the reference date in the territory of the Kingdom of Cambodia.

The following establishments, however, are excluded:

- (1) establishments classified into "Section A, Agriculture, forestry, and fishing" specified in the United Nations International Standard Industrial Classification of Economic Activities, Revision 4 (hereinafter, quoted as ISIC);
- (2) establishments classified into "Section O, Public administration and defense; compulsory social security" specified in ISIC;
- (3) establishments classified into "Section U, Activities of extraterritorial organizations and bodies" specified in ISIC; and
- (4) establishments classified into "Section T Activities of households as employers; undifferentiated goods-and services-producing activities of households for own use" specified in ISIC.

## Producers and Sponsors

## PRIMARY INVESTIGATOR(S)

Name	Affiliation
National Institute of Statistics	Ministry of Planning

## OTHER PRODUCER(S)

Name	Affiliation	Role
Government of Japan		Technical Assistance
Japan International Cooperation Agency (JICA)		Technical Assistance
Royal Government of Cambodia		Technical Assistance

## FUNDING

Name	Abbreviation	Role
Government of Japan	JAPAN	Funding agency
Japan International Cooperation Agency (JICA)	JICA	Funding agency
Royal Government of Cambodia	RGC	Counterpart Funds

## Metadata Production

## METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Phang Sokmean	PSM	NIS	Archivist
Chao Pheav	CHP	NIS	Archivist

## DATE OF METADATA PRODUCTION

2011-09-12

## DDI DOCUMENT VERSION

Version 1.0 (September 2011). This is the first documentation of the survey.

## DDI DOCUMENT ID

DDI-KHM-NIS-PS-2010-v1.0

# Sampling

## Sampling Procedure

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- (1) All the villages were stratified into 72 strata by 24 provinces and 3 characteristics of villages (dominant industry in each village: B-F, G-I and J-U except T of ISIC), and 1-5 villages were sampled randomly from each stratum to select 199 villages/Enumeration Areas in total.
- (2) Establishments with 99 persons engaged or less existing in the 199 selected villages were enumerated, and appropriate multipliers were used to estimate national total figures from the data thus collected.
- (3) In addition, all the large-scaled establishments with 100 persons engaged and more (estimated to be around 600 establishments) were enumerated throughout the country.

# Questionnaires

## Overview

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Listed below are the forms that used during the field enumeration:

Listing Form: This is a Form where in establishment within a certain village area. The establishment can be defined as an economic unit that engages, under a single ownership or control - that is, under a single legal entity - in one, or predominantly one, kind of economic activity at a single physical location.

Form Questionnaire:

1.Area information

2.Establishment Information

Section for Enumerator

3.Characteristics of representative of the establishment

4.Registration to administrative agencies

5.Ownership of Establishment

6.Single unit, Head or Branch office

7.Tenure, Kind and Area

8.Opening Time

9.Year of starting business

10.Number of persons engaged actually in this establishment one week before 1 March 2010

11.Kind of main business activities

12.Number of Branch offices that this head office supervises

13.Total number of entire regular employees at the end of December 2009

14.Kind of business activities of the entire enterprise that include not only those of this head offices but also those of branch offices.

15.Does this Establishment or this Enterprise keep documents of the Balance Sheet and the Income Statements

16.Amount of sales and operating expense per day in a recent month and number of working days

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18.Total amount of equity held at the end of December 2009

19.Total amount of Non-current liabilities at the end of December 2009

20.Total amount of Current liabilities at the end of December 2009

21.Amount of revenue and expense in a year 2009 under “Accrual basis accounting”, which records revenues and related expenses in same period.

## Data Collection

### Data Collection Dates

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Start	End	Cycle
2010-03-01	2010-03-31	N/A

### Time Periods

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Start	End	Cycle
2010-03-01	2010-03-31	N/A

### Data Collection Mode

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Face-to-face [f2f]

### Data Collection Notes

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Enumerator and ARO

- The enumerators are employed temporarily for the pilot survey. Each enumerator is assigned to one village area or one Enumeration Area to accomplish his/her duties on the prescribed way.
- The AROs are in charge of the enumeration of the large-scaled establishments with 100 employees and more persons engaged.
- Training of local staff, supervisors, and enumerators The training of the local staff, RO, ARO, supervisors, and enumerators are basically done by the eligible staff of the NIS.
- Mapping work

Village Boundary Maps of the selected villages are drawn on the basis of Village Map of 2008 Population Census in order to instruct the survey area to the enumerators. Villages with 100 and more establishments are divided into Enumeration Areas. The Enumeration Area Maps are drawn in order to instruct the survey area to the enumerator.

Submission of documents to the superior organizations

- The enumerators submit the documents including the pilot survey forms which are scrutinized completely to their supervisor no later than April 1st (Thursday) 2010.
- Finally, ROs submit the documents handed from Directors of Provincial Planning Departments to the NIS staff concerned no later than April 7th 2010 after checking.

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**Data Collectors**

<b>Name</b>	<b>Abbreviation</b>	<b>Affiliation</b>
National Institute of Statistics	NIS	Ministry of Planning
Provincial Departments	MOP, PD	Ministry of Planning

## Data Processing

### Data Editing

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Coding is a part of the manual editing process that quantifies the descriptive answers to questions that are not pre-coded. The questionnaires used for the Pilot Survey 2010 of economic census have a number of questions for which descriptive answers should be recorded. Descriptive information collected in the survey that should be coded before entering the data into computer are listed below.

#### Questionnaire Form

- Registration to the Ministry of Commerce or Provincial Department of Commerce Q4.1 to Q4.
- Kind of Main Business Activities which this establishment only is engaged in Q11
- Kind of business activities of the entire enterprise that include not only those of this Head Q14.1 to Q14.2

### Other Processing

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A pilot survey processing centre was established at the NIS to process the PS2010. A network of PCs with high capacity PCs as servers was installed.

Entire data processing was done on microcomputers and data entry and editing was carried out using Computer Processing System package developed by the ICT Department.

At the end, the keyers and verifiers were trained for five days and key entry operations commenced. In all key entry and verification staff and supervisors were trained by the Data Processing Specialist.

- First entry
- Second entry
- Matching between first entry and second entry
- Computer editing and imputation

## Data Appraisal

### **Estimates of Sampling Error**

Not available