

Report on the Completion of Data Collection Operation Cambodia Labour Force and Child Labour Survey 2011-12

1. Background

The National Institute of Statistics (NIS), Ministry of Planning was conducted the nationwide Survey on Labour Force and Child Labour Survey 2011-12 (CLF-CLS) after its last labour forces surveys 2000 and 2001, under the umbrella of an Asian Development Bank. The ILO has an active role in the promotion of national production of labour statistics as essential tools for the preparation, implementation and assessment of economic and social policies and programmes. To achieve this, good statistical standards are required but it is also necessary for member States to know how best to apply these standards. Towards this end, 3 units of ILO, namely, the Department of Statistics (STAT), the International Programme on the Elimination of Child Labour (IPEC), and the Policy Integration Department (INTEGRATION)¹ have come together to collaborate with the NIS of Cambodia to support a combined labour force and child labour survey to be implemented in 2011-12.

The survey aims to collect more information and reliable estimates of the statistics detailed in the adult labour force, decent work indicators, and children labour at the national level, by urban and rural levels, and by provincial level. The data collected will be used to produce indicators in order to serve the statistical information requirements of policy-makers in formulating and evaluating policies and socio-economic programs as well as the information requirements of decision-makers and researchers in the wider national and international communities. With this information available, planners and policy makers will then be better placed to develop policies and programmes to improve the welfare of the people and some information on working people and child labour. Moreover, this survey will also provide the basis for the development of an employment policy, active labour market policies and social protection policies.

2. Scope and coverage of the survey

The Cambodia Labour Force and Child Labour Survey 2011-12 covered 24 Capital/provinces in the country and involved 600 Enumeration Areas (EA) randomly selected as primary sampling units, or PSUs, and 9,600 households randomly selected as secondary sampling units, or SSUs. Each EA was randomly selected 16 sample household. Totally, there were 9,600 households to be interviewed.

The sampling frame was based on the village population data files from the 2008 general population census, conducted by the NIS. The CLF-CLS 2011-12 was undertaken in two stages with EAs as the primary sampling units and households as secondary sampling units. It consists of 600 primary sampling units (PSUs) or EAs. Out of the total sample EAs, 54 EAs were allocated for urban areas and the remainder 546 EAs for rural areas.

¹ INTEGRATION is participating through its EU-funded project '*Monitoring and Assessing Progress on Decent Work (MAP)*'.

Table 1 Sample EAs by province, urban and rural

Code	Provinces	Total	Urban	Rural
01	Banteay Meanchey	30	2	28
02	Battambang	30	4	26
03	Kampong Cham	55	4	51
04	Kampong Chhnang	30	1	29
05	Kampong Speu	45	3	42
06	Kanpong Thom	30	1	29
07	Kampot	25	1	24
08	Kandal	35	2	33
09	Koh Kong	10	1	9
10	Kratie	15	1	14
11	Mondul Kiri	10	1	9
12	Phnom Penh	32	20	12
13	Preah Vihear	15	1	14
14	Prey Veng	38	1	37
15	Pursat	25	1	24
16	Rattanak Kiri	15	1	14
17	Siem Reap	35	2	33
18	Preah Sihanouk	10	1	9
19	Stung Treng	12	1	11
20	Svay Rieng	30	1	29
21	Takeo	38	1	37
22	Oddar Meanchey	15	1	14
23	Kep	10	1	9
24	Pailin	10	1	9
	Total	600	54	546

3. Meeting on reviewing the questionnaire

The NIS in collaboration with ILO consultants organized a meeting of survey technical committee to review the draft questionnaire of the Cambodia Labour Force and Child Labour Survey 2011-12. The meeting was conducted in the morning on 22 September 2011 at the NIS and 9 external officials were participated in the meeting in which 1 official from Ministry of Education, Youth and Sports; 1 from Ministry of Social Affairs, Veterans and Youth Rehabilitation; 2 from Ministry of Labor and Vocational Training, 1 from Cambodia National Council for Children (CNCC); 1 from UNICEF; 1 from World Bank; and 2 from Social Statistics Department, NIS.

4. Pre-test of the pilot survey

The pilot test of the Cambodia Labour Force and Child Labour Survey, 2011-12 was conducted in three provinces namely Kampong Speu, Kampot, and Takeo. Each province consists of 5 enumeration areas (EAs) and each EA was random selected 16 sample household (8 households having working children and other 8 households without working children). Totally, there were 240 households to be interviewed.

Before going to the field of the pilot test, 15 staffs were received a five-day training on how to carry out data collection from 24 to 28 October 2011 at NIS. The training consisted of 3 days for training, 1 day for field-test of draft questionnaire, and 1 day for reviewing of field-test. Observed difficulties and problems during the field test served as additional inputs for further revisions and improvement of the questionnaires and understanding.

The data collection of the pilot test was conducted from 01 to 07 November 2011. The EA map from the population census 2008, household listing form and the draft questionnaire were used in the pilot test.

First, selecting an EA where a leader of village lives and make a full listing of all households that are now living in a selected EA on the listing sheet given. Depending on the completed household listing sheet in the selected EA, a probability systematic random sampling of 16 households was used. 8 sample households were random selected from all households having working children and another 8 sample households were random selected from the remaining.

The completed questionnaires were submitted at NIS. Two-day training of data processing was started on 15 and 16 November 2011. The training was trained by survey team. Editing and coding of the completed questionnaire were done manually after training, from 17 to 21 November 2011. The data entry was carried out after finishing manual processing from 22 to 30 November 2011. Double data entry also carried out after finishing data entry.

Table 2 Area of the pilot test

No.	PCode	Province Name	DCode	District Name	CCode	Commune Name	VCode	Village Name	Ub/Ru	No. EAs
1	05	Kampong Speu	02	Krong Chbar Mon	02	Kandaol Dom	01	Kandaol Dom	1	01
2	05	Kampong Speu	06	Phnum Sruoch	11	Tang Sya	10	Prum Rolok	2	01
3	05	Kampong Speu	07	Samraong Tong	03	Khtum Krang	02	Kbal Tralach	2	01
4	05	Kampong Speu	07	Samraong Tong	12	Thummoda Ar	02	Pongro	2	01
5	05	Kampong Speu	07	Samraong Tong	14	Tumpoar Meas	02	Tumpoar Meas	2	01
6	07	Kampot	05	Dang Tong	10	L'ang	01	Trapeang Seh	2	03
7	07	Kampot	07	Tuek Chhou	01	Boeng Tuk	01	Roluos	2	03
8	07	Kampot	07	Tuek Chhou	09	Makprang	02	Bat Kbal Damrei	2	01
9	07	Kampot	07	Tuek Chhou	17	Trapeang Pring	03	Bos Trabaek	2	04
10	07	Kampot	08	Krong Kampot	04	Andoung Khmer	03	Ou Touch	1	03
11	21	Takeo	07	Samraong	06	Lumchang	06	Tuol Trea	2	02
12	21	Takeo	08	Krong Doun Kaev	02	Roka Khnong	06	Chres	1	02
13	21	Takeo	09	Tram Kak	04	Leay Bour	02	Khnar	2	02
14	21	Takeo	09	Tram Kak	09	Popel	02	Trav Aem	2	02
15	21	Takeo	10	Treang	13	Thlok	01	Trapeang Sla	2	02

Table 3 Name of NIS staff for field pilot test

No.	Name	Position	No.	Name	Position	No.	Name	Position
Group 1: Takeo province			Group 2: Kampot province			Group 3: Kampong Speu province		
1	Mr. Chan Nipol	Supervisor	1	Mr. Samut Sotha	Supervisor	1	Mr. Pha Eng Sry	Supervisor
2	Mr. Seang Rith	Enumerator	2	Mr. Souk Soeurn	Enumerator	2	Mr. Heang Sovithea	Enumerator
3	Mr. Khien Tharolin	Enumerator	3	Mr. Roeurn Kim Sreng	Enumerator	3	Mr. Iem Hour	Enumerator
4	Mr. Touch Minea	Enumerator	4	Ms. Chan Serey	Enumerator	4	Ms. Prach Tepcharak	Enumerator
5	Ms. Phan Sokha	Enumerator	5	Ms. Chum Ruminea	Enumerator	5	Ms. Krem Somaly	Enumerator

Table 4 Name of NIS staff for data processing of pilot test

No.	Name	Staff
Coordinator/Trainer/Assistant		
1	Mr. Heang Kanol	Coordinator
2	Mr. Yip Thavrin	Trainer/Assistant
3	Mr. Sam Sok Sotheavuth	Trainer/Assistant
4	Mr. Teav Rongsa	Trainer/Assistant
5	Mr. Oeur Sophal	Trainer/Assistant
Data coding		
6	Mr. Nim Saomony	Manual Editor and coder
7	Ms. Mak Chantanary	Manual Editor and coder
8	Ms. Chim Sayuth	Manual Editor and coder
Data entry		
9	Ms. Khon Naren	Data entry operator
10	Ms. Hang Chariya	Data entry operator
11	Ms. Chhoun Sokunthea	Data entry operator

5. Data collection of the CLF-CLS 2011-12

For proper conduct of this important nationwide CLF-CLS 2011-12, the data collection was trained for survey supervisors and enumerators. Before going to the field work for data collection of the main survey, 75 staffs (15 supervisors and 60 enumerators) were received a five-day training on how to carry out data collection from 20 to 24 February 2012 at NIS. There were 30 enumerators from 24 provinces and another 30 from the NIS. All 15 supervisors were from NIS. The training consisted of 3 days for training, 1 day for field-test, and 1 day for reviewing. Observed difficulties and problems during the field test served as additional inputs for further revisions and improvement of understanding.

Training of the survey data collection was trained by Mr. Heang Kanol, Operation Manager of the survey and his assistants (Mr. Teav Ronsa, Mr. Oeur Sophal, Mr. Yip Thavrin, and Mr. Sam Sok Sotheavuth).

The completed form of household listing and the EA map from the listing operation and the survey questionnaire were used for survey data collection operation. The data collection of the Cambodia Labour Force and Child Labour Survey 2011-12 was conducted for 48 days, starting on 26 February 2012 and ending on 13 April 2012. The survey was divided into 15 groups for the field data collection operations. Each group consisted of one supervisor from NIS and four enumerators (2 staffs from NIS and other 2 staffs from provinces) have conducted for 40 EAs.

Five coordinators (Mr. Heang Kanol, Mr. Teav Ronsa, Mr. Oeur Sophal, Mr. Yip Thavrin, and Mr. Sam Sok Sotheavuth) were coordinated and supervised the field work during the survey field operation. Each coordinator was responsible for supervising three supervisors.

**Table 5 Name of Supervisors and Enumerators for
Cambodia Labour Force and Child Labour Survey 2011-12**

No.	Team	Name	Position	NIS/MOP/Province	No.	Team	Name	Position	NIS/MOP/Province
1	1	Mr. Chan Nipol	Supervisor	NIS	41	9	H.E. Seng Soeurn	Supervisor	NIS
2		Mr. Ros Punlork	Enumerator	NIS	42		Mr. Samut Sotha	Enumerator	NIS
3		Mr. Vong Sopheara	Enumerator	NIS	43		Mr. Nou Phyrun	Enumerator	NIS
4		Ms. Sao Rachana	Enumerator	Battambang	44		Ms. Ouk Sam y	Enumerator	Kampong Speu
5		Mr. Soy Sarun	Enumerator	Palin	45		Mr. Hak Chetra	Enumerator	Kampong Speu
6	2	Ms. Chum Rumnea	Supervisor	NIS	46	10	Mr. Heang Sovithyea	Supervisor	NIS
7		Ms. Im Sothea	Enumerator	NIS	47		Mr. Pal Sothearom	Enumerator	NIS
8		Mr. Chum Phiron	Enumerator	NIS	48		Mr. Chhun Saovy	Enumerator	NIS
9		Mr. Yim Kosal	Enumerator	Batteay Meanchey	49		Mr. Lmot Samkol	Enumerator	Preah Sihanouk
10		Mr. Yi Rith	Enumerator	Oddar Meanchey	50		Mr. Chea Sivutra	Enumerator	Koh Kong
11	3	Mr. Touch Minear	Supervisor	NIS	51	11	Mr. Sin Sereivuth	Supervisor	NIS
12		Mr. Nounnisay Kosal	Enumerator	NIS	52		Mr. Leang Hour	Enumerator	NIS
13		Ms. Sin Somala	Enumerator	MOP	53		Mr. Pon Sophal	Enumerator	MOP
14		Mr. Smoeurn Sros	Enumerator	Siem Reap	54		Mr. Sao Prum Vuthy	Enumerator	Kampot
15		Mr. Khot Chheang Kry	Enumerator	Siem Reap	55		Mr. Sous Say	Enumerator	Kep
16	4	Mr. Khien Tharolin	Supervisor	NIS	56	12	Mr. Chhom Pisith	Supervisor	NIS
17		Mr. Nounnisay Kosal	Enumerator	NIS	57		Ms. Parn Sokha	Enumerator	NIS
18		Mr. Nguon Nor	Enumerator	NIS	58		Ms. Heng Mala	Enumerator	NIS
19		Mr. Leng Seng Hong	Enumerator	Kampong Cham	59		Mr. Ourn Sambo	Enumerator	Takeo
20		Mr. Ek Vann Phann Nara	Enumerator	Kampong Cham	60		Mr. Ouch Than	Enumerator	Takeo
21	5	Mr. Sok Soeurn	Supervisor	NIS	61	13	Mr. Roeun Kim Sreng	Supervisor	NIS
22		Mr. Koeung Sok Cheat	Enumerator	NIS	62		Ms. Oun Len	Enumerator	NIS
23		Mr. Sat Run	Enumerator	NIS	63		Mr. Vat Thara	Enumerator	NIS
24		Ms. Chhay Sopheap	Enumerator	Preah Vihear	64		Mr. Ka Den	Enumerator	Kandal
25		Mr. Hem Sokorn	Enumerator	Kampong Thom	65		Mr. Chan Tara	Enumerator	Kandal
26	6	Mr. Eam Hour	Supervisor	NIS	66	14	Mr. Pha Engstry	Supervisor	NIS
27		Mr. Un Chamroeun	Enumerator	NIS	67		Mr. So Sokhim	Enumerator	NIS
28		Mr. Mom Sathya	Enumerator	NIS	68		Mr. Mao Saron	Enumerator	NIS
29		Mr. Kan Vitou	Enumerator	Ratanak Kiri	69		Mr. Soeung Sarath	Enumerator	Prey Veng
30		Mr. Mr. Phoenu Vanny	Enumerator	Stung Treng	70		Mr. Chum Oeurn	Enumerator	Prey Veng
31	7	Mr. Sok Borith	Supervisor	NIS	71	15	Mr. Nan Sothara	Supervisor	NIS
32		Ms. Ky Boreth	Enumerator	NIS	72		Ms. Krem Somaly	Enumerator	NIS
33		Mr. Duch Chamroeun	Enumerator	NIS	73		Mr. Sar Try	Enumerator	NIS
34		Ms. Rein Srey Neang	Enumerator	Mondul Kiri	74		Mr. Thong Kompheak	Enumerator	Svay Rieng
35		Mr. Seurng Van	Enumerator	Kratie	75		Mr. Dor Chan Kour	Enumerator	Phnom Penh
36	8	Mr. Seang Rith	Supervisor	NIS					
37		Ms. Chan Serey	Enumerator	NIS					
38		Ms. Pol Sophea	Enumerator	NIS					
39		Mr. Yim Oeun	Enumerator	Pursat					
40		Mr. Svay Sam Nang	Enumerator	Kampong Chhnang					

6. Lessons Learned and Difficulties Encountered

After completion of data collection, some points learned were stated as follows:

- ✓ The engagement of the village leaders in the fieldwork made it possible to enjoin the active cooperation of households for the survey. They played a very important role in guiding and helping our fieldwork to the target sample households.
- ✓ Supervisors and enumerators should close cooperation with local authority or village chief during the fieldwork. Before interviewing, normally the village chief have to inform first to the sample households or another word, the sample households can be interviewed while the local authority or village chief gave permission.

- ✓ Providing small gift to village chief and households during interviewing it would be encouraged participating in the survey and welcome to answer the questions at any time. Moreover, the respondents will provide reliable information and gain close cooperation.
- ✓ The time-period of interview was depended upon the number of household members and educational background or knowledge of the respondents.
- ✓ Get long time for waiting the target persons who are employees or working persons.
- ✓ Have to make interview at night time when the target persons work far away from home.
- ✓ Having car for the field work that made easily transport and save time from and to villages as well as the sample households to be interviewed is important.
- ✓ The recalled questions may not receive reliable answers from respondents.

The following difficulties encountered are:

- ✓ Some households moved to another places for living and employment.
- ✓ Difficult to meet household members when their working place was far from home. Some members went to work early in the morning and came back in the evening.
- ✓ Some selected EAs had to travel by motorcycles, by boat and ship to target sample households for interviewing.
- ✓ Some selected EAs were very far from each other.
- ✓ Some roads were very bad conditions after flood.
- ✓ Few households particularly in rural areas were difficulties for recalled answer.