



**KINGDOM OF CAMBODIA**  
**NATION RELIGION KING**

# **National Adult Tobacco Survey of Cambodia (NATSC 2010)**

## **Field Operation Manuals**

**For Field Interviewer and Field Supervisor**

**National Institute of Statistics**

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## CHAPTER 1

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## **Introduction**

This chapter introduces the training project on the National Adult Tobacco Survey of Cambodia 2010 (NATSC 2010) and explains its aims and objectives. It also discusses some important aspects of the survey, its scope and coverage, the questionnaires to be canvassed, and the sampling design and sample size.

### **1.1 An Overview of the Survey**

The National Adult Tobacco Survey of Cambodia (NATSC 2010) is the third survey after the Tobacco Control for Leadership Training Survey (TCLT) which is the second survey was conducted in 2005. The survey is conducted as a nationwide sample survey of villages and households and allows the creation of a national representative sample of 10710 subjects age 15 and over. The survey is undertaken as part of a research project, “Tobacco Control for Leadership Training Program (TCLT)” that is sponsored by Loma Linda University, USA in collaboration with ADRA, Cambodia. Due to time constraints the TCLT program has contracted out the time-consuming data collection part the survey process to local contractor (National Institute of Statistics) to carry out this work in cooperation with the TCLT program students and staff.

The principal aim of the NATSC 2010 is to collect important information from villages and households and a nationally representative sample of targeted populations on various facets of tobacco prevalence conditions of the people of Cambodia. However, the survey process and data collected would be very useful for the key tobacco researchers to learn and experience a variety of research methods and various steps of techniques. The data collected could be better and perfect as wide ranging indicators of levels of tobacco prevalence in different geographical areas and in different social and economic classes. These will help defining scale of the problem of smoking, understanding the effects of tobacco, help in monitoring and analyzing tobacco prevalence control in Cambodia in order to develop or accelerate national strategic policy on tobacco consumption.

Two main questionnaires will be canvassed for this survey. NATSC Form 1 (Listing of Households), NATSC Form 2 (Core Questionnaire) and other two manuals will be used by field interviewers, field editors, field supervisors and office coders.

### **1.2 Objectives of NATSC 2010**

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## Specific Objectives

Among specific objectives, the following deserve special mention:

- A1. Demographics
- A2. Tobacco Questions from Survey 2005
- B. Tobacco Smoking
- C. Chewing Tobacco
- D. Cessation
- E. Second Hand Smoke
- F. Economics
- G. Media
- H. Knowledge and Attitudes
- I. Diet
- J. Current Health
- K. Women's Health

### 1.3 Confidentiality of Information

All information collected in the NATSC from the representatives of sample villages, sample households and a nationally representative sample of targeted populations will be treated as strictly confidential and used for statistical purposes to define scale of the problem of smoking, understand the effects of tobacco, monitor and analyze tobacco prevalence control in Cambodia in order to develop or accelerate national strategic policy on tobacco consumption. Information supplied by any person will not be used against him for taxation, investigation or any other legal purpose.

### 1.4 Scope and Coverage

The scope of the survey is sufficiently wide to meet the objectives mentioned above. A random sample of 10710-targeted populations 15 year old and over, 6294 sample households and 437 sample clusters will be covered for collecting data through two main questionnaires, Form 1 and Form 2. Out of the 437 sample villages, 87 will be from urban area. Another 350 villages will be covered will be covered in Rural areas. 12 households will be selected at random from each sample village in urban areas and 15 households will be selected at random from sample village in rural areas. Table 1 below shows the number of excluded villages by province.

Seventeen domains were considered as separate strata at the stage of sampling selection of villages. The survey has been designed to cover all private households including single-member households. Persons living in institutional households like military barracks, prisons, hospitals and boarding houses will be excluded.

The greater part of this Manual will be devoted to instructions for accomplishing these Forms.

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NATSC Form 1 will be filled up for the listing of households in every sample village (or segment of sample village) selected at random for the purpose of the survey. This Form will also be used to select the households at random from every village (or segment of the village).

The contents of the Form 1 (Listing of Household) and Form 2 (Core Questionnaire) may be indicated by the following list of items of information to be collected for each sample village through the questionnaires:

Form 1: Listing of Household

Form 2: Core Questionnaire

- A1. Demographic characteristics such as age, gender, marital status, ethnicity, literacy, education, occupation, and income (refers to gross income).
- A2. 2005 Tobacco Questions
  - B. Tobacco smoking
  - C. Chewing tobacco
  - D. Cessation
    - D1. Cessation - tobacco smoking
    - D2. Cessation - tobacco chewing
  - E. Second hand smoke
  - F. Economics
    - F1. Economics - manufactured cigarettes (by industry)
    - F2. Economics - hand rolled cigarettes (local business)
    - F3. Economics - loose tobacco for hand rolled cigarettes
  - G. Media
  - H. Knowledge and Attitudes about tobacco use
    - I. Knowledge of harmful effects
    - II. Attitudes about anti-tobacco policies
  - I. Diet
  - J. Current health
  - K. Women's health plus supplement

## **1.5 Sampling Design and Sample Size**

The NATSC 2010 is a stratified sample selected in two stages. Stratification is achieved by separating every survey domain into urban and rural areas. As a result, the 17 domains are stratified into 34 sampling strata in total and called for a nationally representative sample of 10710-target population between the ages of 15 and over. Survey estimates are produced for 12 individual domains or provinces (Banteay Mean Chey, Kampong Cham, Kampong Chhnang, Kampong Spueu, Kampong Thum, Kandal, Kaoh Kong, Phnom Penh, Prey Veang, Pousat, Svay Rieng, and Takaev) and for the following 5 groups of provinces:

### **I. Bat Dambang and Krong Pailin**

National Adult Tobacco Survey of Cambodia (NATSC 2010)

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- II. Kampot, Krong Preah Sihanouk, and Krong Kaeb
  - III. Kracheh, Preah Vihear, and Stueng Traeng
  - IV. Mondol Kiri and Rotanak Kiri
  - V. Otdar Mean Chey and Siem Reab.

Samples will be selected independently in every stratum, by a two stages random selection. Implicit stratifications will be achieved at each of the lower level geographical/administrative units by sorting the sampling frame before sample selection, according to geographical/administrative units, and by using a probability proportional to size selection at first stage's sampling.

The allocated sample size is then converted to number of households and number of EAs by taking the non-response into account, and by using the average number of eligible population 15 years per household, and the fact that 12 households will be interviewed per urban EA and 15 households will be interviewed per rural EA. Table1 below shows the sample allocation in number of EAs and number of households by domain and by type of residence. In total, 437 EAs will be needed; among them, 87 will be selected from the urban areas, and 350 will be selected from the rural areas.

In the first stage, the 437 sample EAs will be selected with probability proportional to the EA size according to the sample allocation given in table1 below. The EA size is the number of households residing in the EA. After the sample selection of EAs and before the main survey, a household listing operation will be carried out in all of the selected EAs, and the resulting lists of households will serve as sampling frame for the selection of households in the second stage. Some of the selected EAs may be of big size. In order to minimize the task of household listing, for the selected EAs which have more than 200 households will be segmented; only one segment will be selected randomly to include in the survey, with a selection probability proportional to the segment size. Household listing will be conducted only in the selected segment. So a NATSC's cluster is either an EA or a segment of an EA. In the second stage's selection, a fixed number of 12 households will be selected from every urban cluster, and a fixed number of 15 households will be selected from every rural cluster, by an equal probability systematic sampling.

In order that all listed households have an equal chance to be selected for the interview and in order to prevent bias introduced from interviewer selecting the sample households at the time of the main survey, the sample households for NATSC 2010 will be pre-selected in central office before the main survey. A household selection spreadsheet is prepared for facilitate the household selection in central office. During the main survey, the interviewer is asked to interview only the pre-selected households, no replacement is allowed for not found or not respond households in order to prevent bias. All population found in the selected households are eligible for the individual survey, and will be interviewed in to questionnaire.

The following 5 groups of provinces are included in the Table below:

**Table 1**

Sr. No.	Domains	Sector				Total	
		Urban		Rural			
		No. of EAs	No. of households	No. of EAs	No. of households	No. of EAs	No. of households
1.	Banteay Mean Chey	8	96	18	270	26	366
2.	Kampong Cham	2	24	23	345	25	369
3.	Kampong Chhnang	3	36	23	345	26	381
4.	Kampong Spueu	2	24	23	345	25	369
5.	Kampong Thum	2	24	23	345	25	369
6.	Kandal	4	48	21	315	25	363
7.	Kaoh Kong	9	108	17	255	26	363
8.	Phnom Penh	29	348	2	30	31	378
9.	Prey Veang	1	12	24	360	25	372
10.	Pousat	2	24	23	345	25	369
11.	Svay Rieng	1	12	24	360	26	372
12.	Takaev	0	0	24	360	24	360
13.	Bat Dambang	5	60	19	285	24	345
	Krong Pailin	0	0	1	15	1	15
14.	Kampot	2	24	16	240	18	264
	Krong Preah Sihanouk	3	36	4	60	7	60
	Krong Kaeb	0	0	1	15	1	15
15.	Kratie	2	24	12	180	14	180
	Preah Vihear	1	12	6	90	7	90
	Stueng Traeng	1	12	4	60	5	60
16.	Mondol Kiri	1	12	7	105	8	117
	Rotanak Kiri	3	36	15	225	18	261
17.	Otdar Mean Chey	1	12	4	60	5	72
	Siem Reab	5	60	16	240	21	300
	<b>Total</b>	<b>87</b>	<b>1044</b>	<b>350</b>	<b>5250</b>	<b>437</b>	<b>6294</b>

Further the details in the method of sampling of households have been given in Chapter 6 on Listing of Households relating to Form 1.

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## CHAPTER 2

### The Role of Interviewer

The quality of the data greatly depends on the interviewers who actually assigned to collect the data. Thus, the job as interviewers requires a commitment to ensure that all information collected are correct and complete as discussed during the training for interviewers.

Interviewers play a major role in the undertaking of the survey. Fieldworks require tact in approaching people, attention to the smallest detail and a sense of responsibility to keep confidential all information about individuals, households and villages and institutions that the interviewers obtain during enumeration.

This chapter will describe in details on the duties and responsibilities of the interviewers for the NATSC 2010.

#### 2.1 Designation of Interviewer

Interviewers are required to undergo training and to complete the interviews assigned to you. Interviews will be issued an identification card and administrative letters as proof of your authority in relation to the conduct of the survey. Interviews should always wear identification card and show this to the respondent as a proof of identification or to convince him/her to be interviewed.

#### 2.2 Duties and Responsibilities of Interviewer

The interviewers are responsible for filling up Form 1 and Form 2 to respondents. To the best of ability, interviewers must gather correct and precise information according to the instructions discussed in the manual and view data collection as involving the following important tasks:

1. Asking the questions correctly as discussed in the manual
2. Recording/noting down accurately the response given to you
3. Checking each response to see to it that it is reasonable and consistent with every other response

Interviewers must pay careful attention to each of these tasks. The basic duties as an interviewers are as follows:

1. Prepare the sketch map of the sample village or segment, showing the locations of buildings and households.
2. List all housing units and households found in the sample village/segment using NATSC Form 1 and submit accomplished forms and maps to your supervisor after completing the work in the village.

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3. Enumerate correctly all sample households in the village/segment using NATSC Forms 2.
  4. Submit both accomplished forms to supervisors for field check and regular scrutiny required and attend meetings set by them.

In order to fully carry out these basic duties, interviewers should perform the following:

1. Attend the training for interviewers to gain understanding of the concepts, definitions and instructions regarding the conduct of NATSC 2010.
2. Use the field operations manual as a guide whenever you are not clear or doubtful about the points.
3. Fill out the NATSC forms completely and accurately.
4. Check your work for completeness, reasonableness, consistency, legibility etc. If any omission or inconsistency is made, which cannot be corrected using other information within the questionnaire, revisit the household or other respondent to get the required information.
5. Keep all information collected strictly confidential by not showing the accomplished forms to persons rather than your supervisors and authorised personnel.
6. Prepare, accomplish and submit all pertinent reports and forms to your duly designated supervisor as scheduled.

### **2.3 Supplies and Materials**

After training and prior to the start of interview, the supervisors will provide interviewers with survey forms, administrative forms and supplies that interviewers will need in the course of your work.

The checklist of the NATSC materials and supplies

1. Assignment sheet showing list of sample villages (with names of commune, district, province etc.) assigned to the interviewers and supervisors
2. NATSC Form 1 - Listing Form of Households and Map Sheet in the village
3. NATSC Form 2-Core Questionnaire for Households
4. Field Operations Manual
5. Interviewers' kits

## **The Role of Supervisor**

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In general, one supervisor is assigned to supervise several interviewers during the field operations. The major duties and responsibilities of supervisor in relation to the work of interviewers are the follows:

1. The supervisor is responsible for ensuring that all the interviewers do the listing and interview work satisfactorily in time, effectively and completely in the selected areas.
2. The supervisor is required to check all the questionnaires filled by interviewers.
3. The supervisor will visit the enumeration area to check the complete questionnaires and re-interview a few sample households to check whether the information the interviewers have collected are accurate, reliable and valid or not.
4. The supervisor may provide to interviewers all necessary field supplies and questionnaires for fieldwork operation etc.
5. The supervisor serves as a link between interviewers and survey coordinators. The supervisor must inform any problem or difficulty that you or interviewers encounter during the fieldwork operation and then deal with the problems. The supervisor must help interviewers assigned under you establish contact with village chiefs, commune chiefs, and other authorized representatives of the village, commune etc.
6. The supervisor has to prepare a time schedule for meeting all interviewers at their respective assigned villages for checking the work done etc.

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## CHAPTER 3

### The General Rules for Interviewing

For the NATSC 2010 the households of each sample village may be interviewed by one interviewer. The interviewers must interview about 6 households per day in urban areas and about 7 households per day in rural areas.

#### 3.1 Rules for Interview

##### Whom to Interview

- For NATSC Form 1 – The interviewers will get the listing form of households, map sheet of the village as well as the highlighted sample households done by NIS a few months ago for your field enumerations at each targeted villages.
- For NATSC Form 2 - Core Questionnaire for Households, the interviewer must go from house to house to interview any responsible member(s) or (individual) who can provide accurate answers to the questions and who can give information for the household. The head of the household and/or the spouse would be the most qualified respondent(s) to respond to such questions. There are some questions, which should be best, addressed to all persons targeted or individual to respond.

##### How to Conduct an Interview

Getting accurate and complete information of NATSC 2010 is the prime objective of a data collecting operation. As an interviewer, being polite, being authoritative enough to win the trust and confidence from the respondent is every important. A good impression during the interview counts much towards the success of data collection. In addition, the interviewers must be guided by the following instructions.

##### 1. Be Presentable

Make a good impression by dressing appropriately and neatly.

##### 2. Introduce Yourself

Respondents will react differently. Try to smile, be cordial and polite always. Prepare all types of questions and give honest answers. The interviewers try to maintain your composure, do not argue or quarrel with the respondents even if they seems irritated or indifferent due to the length of the questionnaire or fatigue to respond etc.

##### 3. Be Polite

Introduction is important. Interviewers may say the following sentence:

"Good morning/afternoon! My name is.....I have been working at (for instance) the National Institute of Statistics, Ministry of Planning or ADRA Cambodia. Here is my identification card. Currently (NIS) /ADRA Cambodia is

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conducting the NATSC 2010 in the country. The project is sponsored by Loma Linda University, USA in collaboration with ADRA, Cambodia. I would appreciate very much your answering the questions. I would rest assured that all answers will be treated as strictly confidential and used for statistical purposes only."

**4. Explain the objectives of the survey**

It is sometimes necessary to explain the objectives of the survey to gain cooperation from a person.

**5. Read and follow instructions printed on the body of the questionnaire carefully. Ask all questions in the questionnaire. Never assume the answer. If the interviewers do not understand a question or a procedure, please ask supervisor for further clarification.**

**6. Probe if a person's answer is not satisfactory. Do not accept an unsatisfactory answer. The interviewers can do any of the following to probe the answer:**

- a) Repeat the question
- b) Explain the concept if necessary
- c) Ask for an estimate, if appropriate

**7. Thank the person for his/her cooperation**

Always try to leave the respondent with a good feeling toward the survey. Express appreciation for the person's co-operation.

**8. After each interview, the interviewers have to review all the different pages of the filled-up questionnaires for possible omissions of entries or for inconsistencies of responses.**

### **How to ask Questions**

In asking the questions, observe the following rules:

a). Ask all questions exactly worded in the questionnaire. Changing the word can change the meaning of the question and, thereby, change the answer. Interviewers should not paraphrase the question or try to make it clearer or easier to answer. If the respondent asks for clarification, it is fine to provide additional information.

b). As instructed, the interviewers have to ask the questions in the order in the questionnaire. Do not skip any portion, section or items unless it is clearly instructed to do so.

c). Do not read coded answers to respondents unless it is instructed to do so. The interviewers should attempt to find the response code, which most appropriately fits the answer provided by the respondent. If no code fits, the interviewer should use the code for "other" and specify the answer in the space provided. Moreover, it is important that the interviewers should prepare to be a skilled listener to ensure that the survey succeeds in obtaining the correct information and perceptions of respondents.

d). Verify if all the pages of the questionnaire are accounted for.

e). Never ask a leading question, that is, one that suggests the answer desired by the interviewer. By asking a leading question, the respondent's mind is set into believing that the answer suggested by the question is the right one. Example of a leading question: *Are you the head of this household?* The right question

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should be: *Who is the head of this household?* Another example of a leading question is: *“Did you smoke 10 cigarettes a day?”* The right question should be: *How many cigarettes do you smoke per day?*

f). Be absolutely natural about the subject of the interview. Do not show any surprise, approval or disapproval about the answers given by the respondent. If the respondent asks for giving opinion, the interviewers should explain the purpose of the survey is to find out what the respondents think about these issues. Remember that the interviewers must always strive to be a skilled listener and avoid trying to instruct or "lead" the respondent to give a particular answer.

g). Maintain the tempo of the interview. Avoid lengthy discussion of the questions with the respondents. If you receive what appear to be irrelevant or complicated answers do not break in too suddenly; listen carefully to what the respondent is saying and then lead them back to the original question. Recording an answer before asking the next question.

### **3.2 How to Record Answers in NATSC Forms**

- Use a pencil in making entries in the NATSC questionnaires. Do not use any other coloured pencil or ball pen because it is not easy to erase when an error is committed in entering responses.
- Use an eraser to completely erase a wrong entry made. Do not just write over the original entry.
- After the interview, go over the completed questionnaire to make sure that all the answers are legible.
- The interviewers must fill up the questionnaire during the actual interview. Nor should the interviewers count on memory for filling in the answers once leave the household.
- Most of the items are provided with possible answers and their corresponding codes. Encircle or enter the code for the answer given, as the case may be.
- Other items require write-in entries. Enter the specific answer to the question. Be concise but clear.
- Remark all entries, which may appear doubtful/vague to the editor and have corresponding explanations at the bottom of the page.

### **3.3 How to Check the Completed Questionnaire**

- After each interview, review the listing sheet and questionnaires immediately. This means going over the entries to see to it that they are legible, complete, reasonable, and consistent among themselves. Check all questionnaires before submitting to the supervisor and before leaving the sample village.

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## CHAPTER 4

### Outline of Listing and Interview Procedures

This chapter describes the major NATSC Forms to be used during the field enumeration and gives a brief outline of the fieldwork procedures. These topics are discussed in more detail in the succeeding chapters.

#### 4.1 NATSC Forms

Listed below are the Forms that you will use during the field enumeration. Specimen forms are shown in NATSC and copies of actual forms are included in your training kit.

NATSC Form 1 (Listing of Households in the Village).

This is a Form wherein the interviewers will list the buildings, housing units and households within the sample enumeration area. He will also record other information pertaining to these buildings and households. Notes that, these forms (form 1) were already done by NIS a few months ago and they will be given to the interviewers for their fieldwork.

NATSC Form 2 (Core Questionnaire for Household)

This is the basic NATSC questionnaire which interviewers will use for interviewing and recording information about a sample household. This questionnaire will collect information on demographic characteristics, tobacco use, knowledge and attitude about smoking, passive smoking, and smoking cessation and relapses smoking, and lifestyle.

#### 4.2 Listing and Enumeration Procedures

Field data collection for NATSC 2010 will consist of the following major operations:

1. **Contacting:** Contact village/ commune leader and obtain his cooperation for the survey.
2. **Selection of enumeration area (only from large village contained more than one EA):** Go over the village area and prepare notional map showing boundaries of sample village and it *enumerations* will select one *enumeration area* from the village.
3. **Mapping and Listing:** Go from door to door and draw a sketch map of the entire village or the selected enumeration indicating the listed buildings and households and other landmarks on the map and also prepare a list of all households in the sample enumeration using NATSC Form 1.
4. **Selection of sample households:** Draw the sample of 12 households from the village or enumeration area in the urban area and 15 households from the village or enumeration area in the rural area.
5. **Enumeration:** Interview head of household/spouse of head/other knowledgeable adults in sample households and fill up NATSC Form 2 (Core Questionnaire for Household) for all (12 or 15) sample households in the sample enumeration area.

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## CHAPTER 5

### Some Important Concepts and Definitions

In order to ensure comparability of data, most of the basic and similar concepts and definitions from other relevant surveys conducted by NIS are also used for NATSC 2010 in the extent feasible. The standard definitions and concepts are appropriately modified to suit local conditions in Cambodia.

This chapter brings together the explanations of some important concepts and terms used in the questionnaires of NATSC 2010.

#### Housing Unit

- A housing unit is a structurally separated and independent place of abode. It may have been constructed, built, converted or arranged for human habitation, such as commercial, industrial, and agricultural buildings, or natural and man-made shelters such as caves, boats, abandoned trucks, culverts and similar structures which are used as living quarters.

#### Household

- A household is a group of persons (or a single person) who usually live together and have a common arrangement for food, such as using a common kitchen or a common food budget. The persons may be related to each other or may be non-relatives, including servants or other employees, staying with the employer.
- Students, boarders and employees residing in and having a common food arrangement with the household are considered members of the household if they have been in the household for more than a year or if they have no other place of residence. However, if there are 5 or more boarders/lodgers in a housing unit, they should not be reported as members of the household. They are considered to be living in a dormitory or boarding house operated by the household. Boarding houses with more than 5 persons are considered to be *institutional households*. An institutional household is a group of 5 or more unrelated persons living together. Other examples are military barracks, prisons, student dormitories, etc. Institutional households are not covered by the NATSC 2010.

**Note:** Households of foreigners will be included in the survey.

#### Head of Household

- The head of household is the adult member of the household who is accepted and recognized by the other household members as head.

#### Usual Member of Household

- A usual member of a household is any person who has been normally living in the household and sharing arrangements for food for at least one year, or one who has no other residence. Thus, most students going to school away from home are considered to be members of their family household, rather than a household at the location of their school, unless they have stayed

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continuously at the household close to their school for more than a year.

- However, a person who has moved recently, i.e., less than one year ago, is considered to be a member of a household at his destination if he does not plan to return to the old household within one year. Similarly, a person who has moved out of a household recently with no intention to return is no longer considered a member of that household.

### **Illness**

- For the purpose of this survey, any short-term or long-term health problem such as a sickness, injury, or a pregnancy related problem was defined as illness.

### **Literacy**

- Literacy is the ability to read and write a simple message. A person is considered literate if he or she can both read and write a simple message in any language or dialect. A person capable of reading only his own name or numbers, or can read but not write and vice versa, is not considered literate.

### **Work**

- Work is defined as an economic activity that a person performs for pay, profit or family gain. It includes paid employment; operating a farm or business; working for a household economic activity (like food processing or raising of livestock) without pay; working as an apprentice in order to learn a skill or craft, without necessarily receiving wages; and production of paddy or vegetables, say, solely for home consumption. Also, included is the holding of a job, even if the person is temporarily absent because of vacation, strike or illness. Production of fixed assets for own house use, such as building or repairing the house is also considered as work.

### **Labor Force or Economically Active Population**

- The labor force or economically active population refers to persons who contribute or are available to contribute to the production of goods and services in the country. They are either employed or unemployed.

### **Employed**

- Employed persons are those who are in the labor force who were reported to be either at work or with a job or business although not at work during the reference week. Persons at work are those who did some work at all, even for an hour, during the reference period (past week). Persons are also considered employed if they are with a job or business even though not at work during the reference period because of temporary illness/injury, vacation or other leave of absence, bad weather, strike/labor dispute or other reason.

### **Unemployed**

- Unemployed persons are persons in the labor force who did not work or had no job or business during the reference week but were reported available and actively looking for work. Also, considered as unemployed are persons without job or business who were reported as available for work but were not looking for work because of their belief that no work was available or because of temporary illness/disability, bad weather, pending job application or waiting for job interview.

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### **Own-Account Worker**

- A person who operates his or her own economic enterprise or engages independently in a profession or trade, and hires no employees.

### **Occupation**

- Occupation refers to the type of work, trade or profession performed by the individual during the reference period. If the person is not at work but with a job, occupation refers to the kind of work that the person will be doing when he reports for work.

### **Primary Occupation**

- If any member had more than one economic activity – wage employment or self-employment. The primary occupation was one which the respondent accepts as such based on time spent and/or income earned from different activities and other considerations like social and legal status.

### **Secondary Occupation**

- If any member had more than one economic activity – wage employment or self-employment. The secondary occupation was one which the respondent accepts as the most important based on time spent on and income earned from different activities and other considerations like social and legal status among all occupations of the person excluding the primary occupation.

### **Industry or Kind of Economic Activity**

- Industry or kind of economic activity refers to the nature of work done (goods and services produced) by the institution or the workplace or enterprise where the person works.

### **Household Expenditure**

- Household expenditure refers to the expenses or disbursements made by the household purely for personal consumption. Durable furniture and equipment (e.g. tables and chairs, cars, motor cycles, and appliances) purchased during the reference period mainly for household use is treated as household consumption.

### **Household Consumption**

Household Consumption consists of the following:

- a) Household expenditure
- b) Value of goods and services received as gifts
- c) Value of goods and services consumed from the output of agricultural and non-agricultural activities of the household
- d) Imputed value of owned/rent free house occupied by the household
- e) Imputed value of goods/services received as fringe benefits from the employer or part of the salaries and wages of employed household members during the reference period, which were also consumed during the reference period.

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**Schooling**

- The term schooling includes attendance at a kindergarten, primary, lower or upper secondary school, technical or professional school, college or university.

**Students**

- Persons of either sex, not economically active, who attend any regular educational institution, public or private, for systematic instruction at any level of education.

**Wages**

- Wages include remuneration received as cash wages, tips, commissions, piece rate earnings, overtime payment, and imputed value of benefits in kind, such as meals or accommodation provided by the employer.

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## CHAPTER 6

### Listing of Households in the EAs (NATSC Form 1)

This chapter describes in detail the procedures for mapping and canvassing, and instructions for completing the listing of households and selecting sample households through NATSC Form 1 (Listing of Households) for any sample EAs.

As a general rule, the supervisor will accompany the interviewer when the interviewer first goes to the village and EA will help in contacting commune and village leaders in order find out the sample households for interview.

#### 1. Mapping Operation

The sample EAs has been identified on the basis of the files from the 2008 general census of population. The sample EAs has been selected using a computer program. The interviewer will be provided with information containing in the file includes village map showing numbers of enumeration areas (EAs) and EA will be selected for household listing. Even then he should meet the village and/or the commune leaders or other knowledgeable persons to get more information about the sample EA before proceeding with the sketch map.

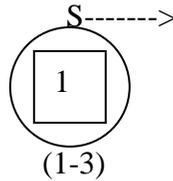
Before proceeding with the listing of buildings, housing units and households in the sample enumeration area, the interviewer must prepare a sketch map of the EA enumeration area showing boundaries and permanent features and landmarks such as roads, hills, rivers, etc. This map is essential for the listing operation. This will guide the interviewer in locating sample households. It is also necessary for administrative purposes.

Proceed as follows to prepare the sketch map:

- (a) Go round the enumeration area assigned to you and familiarise yourself with the area. Then prepare an outline or sketch map of the enumeration area showing its topographical details.
- (b) Starting from a corner or any convenient point, go round the enumeration area systematically and draw the buildings and similar structures on the sketch map using the symbols given.
- (c) On the sketch map, a circle drawn would stand for a building. Indicate the first building visited by a circle around the number 1 with the letter S and an arrow above it pointing to the direction taken by the interviewer in canvassing the area.
- (d) Inside the circle, write the building serial number, and under the circle, within parentheses, the household serial numbers assigned to the households residing in the building. If more than one household reside in the building, enter the range of serial numbers assigned to these households.

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For example, if the first building shown on the map is occupied by 3 households, you should write:



Here, 1 inside the circle is the building serial number, and 1-3 within parentheses the serial numbers of households residing in that building. In a densely populated village or enumeration area, you need not show all the buildings on the map. Avoid cluttering. You may show the first building, second building, third building listed and then skip to sixth building or eighth building thereafter. As far as possible, continue listing in the same direction until all households in that direction are listed. When the direction of canvass is changed, indicate the new direction taken by an arrow.

Visit every building or structure in the area to make sure that all households residing in the area have been listed. Take special care about office/ business buildings and construction sites. Do not exclude households that may be residing in such premises.

Follow the instructions given below to list all buildings, housing units and households within the sample enumeration area in NATSC Form 1.

## **2. Filling NATSC Form 1 (Listing of Households)**

The listing or canvassing of households may be done along with the preparation of the sketch map. When the interviewer finds that one or more households reside in a building or structure, he/she will first indicate the location of the building on the map as per instructions given above. He/she will then enter the serial numbers of the buildings, the housing units and the households and other information required in NATSC Form 1.

Detailed instructions for filling in Form 1 are given below:

### **I. Identification Information**

This portion is found on the cover page of the set of listing sheets to be used for one enumeration area (PSU). It is the responsibility of the supervisor to make sure that the identification information portion on the cover page has been correctly and completely filled in before he hands the forms to the interviewer. Brief explanations of the different items are given below:

- (1) Province/City- Write down the name of the “Province/City” where the sample EA (PSU) is located, in the space provided after the word "Province/City. Enter the 2- digit Province code in the code boxes provided.
- (2) District/Khan - Write down the name of the District/Khan where the sample EA (PSU) is located, in the space provided and enter the 2- digit District/Khan Code in the code boxes provided.
- (3) Commune/Sangkat - Write down the name of the Commune/Sangkat where the sample EA (PSU) is located, in the space provided and enter the 2- digit Commune/Sangkat Code in the code boxes provided.

- (4) Village/Mondol - Write down the name of the Village/Mondol where the sample EA (PSU) is located, in the space provided and enter the 2- digit Village/Mondol Code in the code boxes provided. Sample EA - Write down the Code in the code boxes provided.
- (5) Sector (Urban/Rural) - Enter code 1 for urban and code 2 for rural in the box provided, using the classification information provided to you.

## II. Interview Information

1. **Date of Listing** - Enter the dates (day/month/year) when the listing operation in the enumeration area is undertaken. In the first blank, enter the numeric equivalent of the day the listing operation started. Then enter the numeric equivalent of the month numeric equivalent of year in the second and third blank respectively.

*Example:* If the listing operation was started on 01 June 2010 and finished on 02 June 2010, the entry should be as follows:

Day	0	1	Month	0	6	Year	1	0
-----	---	---	-------	---	---	------	---	---

Day	0	2	Month	0	6	Year	1	0
-----	---	---	-------	---	---	------	---	---

2. **Interviewer's Name and Signature** - As soon as the listing operation in the village/PSU is completed, the interviewer should print his/her name in the blank labelled 'Name' and affix his/her signature in the blank labelled 'Signature' below the printed name. Record date of signature.
3. **Date of Supervision** - Enter in similar manner as above the inclusive dates (Day/Month/Year) when the listing sheets for the village/enumeration area were reviewed by the supervisor.
4. **Supervisor's Name and Signature** - The supervisor is expected to go over the list of households submitted to him/her by the interviewer. He/she should visit the first fifteen (15) buildings in the list to see if proper listing procedures have been followed and to ensure that no households have been omitted. As soon as the listing sheets for the village/enumeration area have been reviewed and deemed satisfactory by the supervisor, he/she should print his/her name in the blank labelled 'Name' and affix his/her signature in the blank labelled 'Signature' below his/her printed name. Record date of signature.
5. **Remarks** - Record any unexpected or unusual situations under which the listing operation has been conducted and the action taken by the interviewer in dealing with the situation. These remarks would be very necessary in the evaluation of the results of the listing operation.

## III. Data Processing Information (Do not fill in this section)

### CHAPTER 7

### Core Questionnaire for Households (NATSC Form 2)

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## NATSC Form 2: Core Questionnaire for Households

The core questionnaire for households (Form 2) has 11 sections (from A to K) that will be administered to the household during the interview period: The sections are included as follows:

- Face page
- A1. Demographics
- A2. 2005 Tobacco Questions
- B. Tobacco Smoking
- C. Chewing Tobacco
- D. Cessation
- E. Second Hand Smoke
- F. Economics
- G. Media
- H. Knowledge and Attitudes
- I. Diet
- J. Current Health
- K. Women's Health

The Core Questionnaire for Household should be administered to the head of household or to the spouse of the head of household. If it is impossible to administer the questionnaire to either of these persons (for example, because they are both absent during the entire period of the survey), the questionnaire may be administered to another adult household member who is sufficiently knowledgeable.

- **Section A1:** Demographic information should be administered to the head of the household or to the spouse of the head of the household or to each household member, individually
- **Section A2.** 2005 Tobacco Questions: should be administered to each household member aged 15 years and older who is present during the entire period of the survey, individually
- **Section B:** Tobacco smoking should be administered to each household member aged 15 years and older who is present during the entire period of the survey, individually
- **Section C:** Chewing tobacco should be administered to each household member aged 15 years and older who is present during the entire period of the survey, individually
- **Section D:** Cessation should be administered to each household member aged 15 years and older who is present during the entire period of the survey, individually
- **Section E:** Second hand smoke should be administered to each household member aged 15 years and older who is present during the entire period of the survey, individually
- **Section F:** Economics should be administered to each household member aged 15 years and older who is present during the entire period of the survey, individually

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- **Section G:** Media should be administered to each household member aged 15 years and older who is present during the entire period of the survey
  - **Section H:** Knowledge and Attitudes about tobacco use should be administered to each household member aged 15 years and older who is present during the entire period of the survey, individually
  - **Section I:** Diet should be administered to each household member aged 15 years and older who is present during the entire period of the survey, individually
  - **Section J:** Current health should be administered to each household member aged 15 years and older who is present during the entire period of the survey.
  - **Section K:** Women's Health should be administered to each household member aged 15 years and older, individually

**Let's see now each section in detail:**

## **FACE PAGE**

The interviewers are required to fill in certain information in Part A on the Face Page of questionnaire before the interview. The following information on the face page will be obtained from the NIS.

- Province/City (name and code)
- District/Khan (name and code)
- Commune/Sangkat (name and code)
- Sample Village/Mondol (name and code)
- Domain number
- Sector (Urban=1, Rural=2)
- Sample reference number of household

The interviewer will complete the following items in Part B on the Face Page of questionnaire at the time of interview.

- Name of household head
- Address of the sample household
- Date of interview
- Date of last visit
- Interviewer's name
- Interviewer's Id code (2 or 3-digits)
- Interviewer's signature (indicating that they have completed the survey and obtained informed consent)
- Team number (2-digits)

Checking the completed questionnaire, supervisor will complete the following additional items in Part C of the Face Page of questionnaire.

- Supervisor's name
- Supervisor's Id code (2-digits)
- Date checked by supervisor

- 
- Date of re-interview (if necessary)
  - Supervisor's signature.

The re-interviewer in those cases will fill Part D of the Face Page of questionnaire where a re-interview is conducted.

Editors and Data Entry Persons will fill Reception/Preparation/Data Entry/Approval in the office.

## **SECTION A1. DEMOGRAPHIC INFORMATION**

**Respondent:** The interviewer must contact the head of household to complete this part (from question 1 to 20). If he/she is not at home, try with his/her spouse. If both of them are absent, then the interviewer can contact another adult household member.

**Note:** The interviewers should record the total of household members aged 0-14 years and then list all members aged 15 years and over usually residing in the household in the questionnaire, Section A (Demographic information). Try to ask each member aged 15 and over, individually.

### **Ask all household members aged 15 years and older**

**Column 1:** It is pre-printed and is the “Id. Number” or the “Id Code” of each household member. These ID Numbers will be used in recording answers to several questions throughout the core questionnaire for household. It is vitally important to record the same unique ID number for each individual throughout the core questionnaire, when needed.

**Column 2:** The interviewer must ask the respondent about each individual being a household member. A person is counted as a household member if he/she lives in the households or has been absent for less than 12 months. However the ID numbers (in col. 1) and names of members (in col. 2) will form the list of household members usually residing in the household. Ask the person, “How many persons usually reside in this household?” Then list each of these individuals down in the col. 2 marks "name of household member." Start with the household head, followed by his/her spouse and then list other members from the oldest to the youngest.

Only when the interviewers have finished with the list of all household members in this column, they can proceed with col. 1 to 20 about each individual. Ask questions in column 1 to 20 about the first person, and only when finished, go on with the second household member, and so on.

**Column 3:** Write code of sexes “1” for males and “2” for females.

Note: eunuch or hermaphrodites (person who have both male and female reproductive organ) should be considered and recorded as code 1 = male.

**Column 4A-C:** Try to get the exact date of birth for each person. If the date is not known, ask if the animal sign of the Buddhist/ Cambodian calendar is known. The age conversion

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chart is provided to the interviewers to calculate the exact age from the Cambodian calendar to Western calendar. Write "98" if the age is not known for day and month, write "999" if the age is not known for years. Age conversion chart is provided in the instruction manual.

**Column 5:** Write age in completed years. Write '96' if the person is 96 years old or more. If the interviewee has difficulty to answer the question related to his/her age, try to compute the person's age from the reported date of birth. If it is not possible to calculate the age, then write '98'.

**Column 6:** The ethnicity question should be asked for all members of the household. The ethnicity codes are given below:

1. Khmer
2. Cham
3. Other local ethnic group (example: Panang in Mondol Kiri)
4. Chinese
5. Vietnamese
6. Thai
7. Lao
8. Other (specify for foreign nationals living in Cambodia)

**Column 7:** The religion question should be asked for all members of the household. The religion codes are given below:

1. Buddhist
2. Islamic
3. Christian
4. Other religion (specify)
5. None

**Column 8:** The marital status should be asked only for all household members aged 15 years old and above. Persons who have been widowed or divorced but remarried are also to be recorded as currently married. The code of marital status is given below:

1. Never married
2. Currently married
3. Live together
4. Widowed (bereft by the death of a spouse (husband or wife))
5. Divorced (a final legal dissolution of marriage, that is, the separation of husband and wife by a judicial decree which confers on the parties the right to civil and/or religious remarriage, according to the laws of each country)
6. Separated (unlike divorce, a legal separation does not put an end to the marriage. During a legal separation, you have a court order that outlines the rights and responsibilities of each spouse while they are living a part. You remain legally married while choosing to live separate lives).

**Column 9:** All questions must be asked only 15 years old and older. Ask whether the person can read and write "a simple message", in any language. Write code "1" for (Yes) and code "2" No. For persons who know how to read and write a simple message even if they can no

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longer do so because of some physical defect or illness (e.g., blindness). Also write code "1" for a blind person who can read and write by using the Braille script.

**Column 10:** Ask whether the person ever attended school. Attending school includes any type of school, at any time of the person's life (for at least one year). Enter the following codes:

- 1 = Yes (have ever attended school)
- 2 = No (have never attended school) (skip to col.14A)

**Column 11:** Ask a person about the **highest level** that he/she has successfully completed. Noted that if the person is currently going to school, then the highest level successfully completed is what he/she completed last academic year. Let's say he/she is currently in 4<sup>th</sup> grade, then the last level successfully completed is 3<sup>rd</sup> grade. In addition, for a person who failed final examinations during the last academic year, the highest grade level successfully completed may have been completed more than one year ago.

**Note: Before 1975, grade 12 was the lowest grade and grade 1 was the highest grade. The interviewers will discuss these subjects in order to determine the correct years of education.**

**Column 12:** Ask whether a person is currently attending school. By current we mean attendance in school during this academic semester or year. Noted that if a person is on holidays, he/she must be considered as being in the schooling/academic system. Enter the following codes:

- 1 = Yes
- 2 = No (skip to col. 14A)

**Column 13:** Ask a person about the current grade level that he/she is currently going to school. Enter the following codes of grade level for col.11 and col. 13:

- 99 = None
- 00 = Pre-school/Kindergarten
- 01 = Class one
- 02 = Class two,
- .....
- 11 = Class eleven
- 12 = Class twelve
- 13 = Secondary school certificate,
- 14 = Technical/vocational pre-secondary diploma/certificate
- 15 = Technical/vocational post-secondary diploma/certificate
- 16 = College/university undergraduate,
- 17 = College /university graduate
- 18 = Post-graduate
- 19 = Other (specify).

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**Column 14A:** Ask a person that is he/she present at home during the entire period of the survey. Enter the following codes.

- 1 = Yes, present at home during the entire period of the survey (skip to col.15)
- 2 = No, not present at home during the entire period of the survey

**Column 14B:** Ask a person the reason for not present at home during the entire period of the survey. Enter the most appropriate code of the reason.

- 1 = Study away from home
- 2 = Work away from home
- 3 = Seeking for work a way from home
- 4 = Visit relatives away from home
- 5 = Go on vacation away from home
- 6 = Have medical treatment away from home
- 7 = Have working mission away from home
- 8 = Stay away from home for security reason
- 9 = Go abroad
- 10 = other (specify)

#### **Activity status during the past month**

**Ask all household members aged 15 years and older about primary occupation**

**Column 15:** Ask a person that does he/she do any work at all, even one hour (if do not work, having a job) for primary occupation during the past month. Doing work or having a job meant that a person have worked on farm, private or public sector, own account or in a business belonging to someone else in own household, etc.) Enter the following codes:

- 1 = Yes (do any work or have any job during the past month)
- 2 = No (do not work or do nor have any job during the past month)  
(skip to Q.B1 of Section B)

**Note:** If a person has did only one work or have only on job during the past month, his/her work/job must be considered automatically as primary occupation.

**Column 16A-B:** Primary occupation. Ask for a person's primary occupation during the past month. Write the description in col.16A. Write a clear description of the specific work the person did. For example, do not write "factory worker" but write what the person did in the factory, such as 'weaving machine operator' or 'machine repairman'. If the person had a job but did not work because of leave, vacation or illness, write the occupation to which he was expected to return. The description should be sufficiently detailed, so that the occupation code can be entered in col. 16 B. in the office at NIS. Noted that beggar and sex worker is occupations.

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**Note: Since tobacco is a focus of this survey, the interviewer will determine whether the subject is a tobacco farmer (as a primary occupation). Tobacco farming will be added to the job codes entered at the NIS.**

**Column 16 C-D:** Describe the industry or kind of economic activity refers to the nature of work done during the past month (like agriculture, manufacturing, construction, trade or service, etc.) by the institution or the workplace or enterprise where the person did. The description should be sufficiently detailed, so that the industry code can be entered in col. 16 D. in the office at NIS.

**Column 16 E:** Ask a person that what was the employment status for the primary occupation during the past month. Enter the following employment status codes:

- 1 = Paid employee
- 2 = Employer
- 3 = Own account worker/self-employed
- 4 = Unpaid family worker
- 5 = Other (specify)

**Column 16F:** Ask a person that under what type of employer he/she worked for the primary occupation during the past month. Enter the following codes of type of employer:

- 01 = Government
- 02 = State enterprise
- 03 = Private enterprise
- 04 = Joint venture
- 05 = Foreign government, international organization and NGO
- 06 = Local NGO
- 07 = Self-employed farm (i.e. crops growing, cattle, fish raising activity, etc....)
- 08 = Non-farm self-employed (i.e. selling fruits at market, manufacturing activity, tailoring, etc...)
- 09 = Domestic servant (person who do domestic duties, for instance a maid who taking care of young children in the wealthy household, etc....)
- 10 = Other (specify)

**Column 17A-B:**

- Ask monthly income only if the person is paid employee. Write the monthly wage/salary the person received the past month in cash in col.17 A. and in kind in col.17 B. for primary occupation. Write '98' when not applicable. For unpaid family worker, the income should be recorded not applicable '98' as well.
- Ask monthly income only if the person work as own account worker, self-employment, etc, relating to farming activities - crop cultivation, livestock raising, fishing and fish breeding, etc, business activities as well as other services for the

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primary occupation. If the person cannot provide monthly income due to any reason, ask the estimated daily, weekly or yearly income and then using the following formulas:

1. **Estimated monthly income = Estimated daily income \* 30 days**
2. **Estimated monthly income = Estimated weekly income \* 4 weeks**
3. **Estimated monthly income = Estimated yearly income / 12 months**

**Note:** These formulas are basically applied to the seasonal farming activities or other business and services activities in the primary occupation. The income received in kind, or farming production, etc must converted into amount in riels by using a current market price.

#### **Activity status during the past month**

**Ask all household members aged 15 years and older about secondary occupation**

**Column 18:** Ask a person that does he/she do any work at all, even one hour (if do not work, having a job) for secondary occupation during the past month. Doing work or having a job meant that a person have worked on farm, private or public sector, own account or in a business belonging to someone else in own household, etc.) Enter the following codes:

Write code 1 = Yes (do any work or have any job during the past month)

Write code 2 = No (do not work or do nor have any job during the past month)  
(skip to Q.B1 of Section B)

**Column 19 A-B:** Secondary occupation. Ask for a person's secondary occupation during the past month. Write the description in col.19A. Write a clear description of the specific work the person did. For example, do not write "factory worker" but write what the person did in the factory, such as 'weaving machine operator' or 'machine repairman'. If the person had a job but did not work because of leave, vacation or illness, write the occupation to which he was expected to return. The description should be sufficiently detailed, so that the occupation code can be entered in col. 19 B. in the office at NIS. Noted that beggar and sex worker is occupations.

**Note:** Since tobacco is a focus of this survey, the interviewer will determine whether the subject is a tobacco farmer (as a secondary occupation). Tobacco farming will be added to the job codes entered at the NIS.

**Column 19 C-D:** Describe the industry or kind of economic activity refers to the nature of work done during the past month (like agriculture, manufacturing, construction, trade or service, etc.) by the institution or the workplace or enterprise where the person did. The description should be sufficiently detailed, so that the industry code can be entered in col. 19 D in the office at NIS.

**Column 19 E:** Ask a person that what was the employment status for the secondary occupation during the past month. Enter the following employment status codes:

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- 
- 1 = Paid employee
  - 2 = Employer
  - 3 = Own account worker/self-employed
  - 4 = Unpaid family worker
  - 5 = Other (specify)

**Column 19 F:** Ask a person that under what type of employer he/she worked for the secondary occupation during the past month. Enter the following codes of type of employer:

- 01 = Government
- 02 = State enterprise
- 03 = Private enterprise
- 04 = Joint venture
- 05 = Foreign government, international organization and NGO
- 06 = Local NGO
- 07 = Self-employed farm (i.e. crops growing, cattle, fish raising activity, etc....)
- 08 = Non-farm self-employed (i.e. selling fruits at market, manufacturing activity, tailoring, etc...)
- 09 = Domestic servant (person who do domestic duties, for instance a maid who taking care of young children in the wealthy household, etc....)
- 10 = Other (specify)

**Column 20 A-B:** Ask monthly income only if the person is paid employee. Write the average monthly wage/salary in cash in col.20 A. and in kind in col.20 B. for secondary occupation. Write '98' when not applicable. For unpaid family worker, the income should be recorded not applicable '98' as well. Ask monthly income only if the person work as own account worker, self-employment, etc, relating to farming activities - crop cultivation, livestock raising, fishing and fish breeding, etc, business activities as well as other services for the secondary occupation. If the person cannot provide monthly income due to any reason, ask the estimated daily, weekly or yearly income and then using the same formulas as explained in the section of primary occupation.

## **SECTION A2. 2005 TOBACCO QUESTIONS**

**As all household members aged 15 and older who are present at home during the entire period of the survey**

**Column 1:** The interviewers must record the ID number of all household members aged 15 years and older who are present at home during the entire period of the survey. The ID numbers should be recorded from the household list in demographic section, page 2 only if col.14A = 1 (present at home during the entire period of the survey).

**Column 2 (Q.A2.1):** The interviewer should ask a person directly with a question like this:

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Do you currently smoke cigarettes? Record the following codes:

- 1 = Yes
- 2 = No

**Column 3 (Q.A2.2):** The interviewer should ask a person directly with a question like this:  
Do you currently smoke a tobacco pipe? Record the following codes:

- 1 = Yes
- 2 = No

**Column 4 (Q.A2.3):** The interviewer should ask a person directly with a question like this:  
Do you currently chew tobacco? Record the following codes:

- 1 = Yes
- 2 = No

## **SECTION B. TOBACCO SMOKING**

**As all household members aged 15 and older who are present at home during  
the entire period of the survey**

**Introduction:** I would now like to ask you some questions about smoking tobacco.  
The interviewer should show **CARD 0** during introductory message only. Please do not  
answer about smokeless tobacco at this time (**show CARD 1**).

**Column 1:** The interviewers must record the ID number of all household members aged 15  
years and older who are present at home during the entire period of the survey. The ID  
numbers should be recorded from the household list in demographic section, page 2 only if  
col.14A = 1 (present at home during the entire period of the survey).

**Column 2 (Q.B1):** The interviewer should ask a person directly with a question like this:  
Do you currently smoke tobacco daily, less than daily, or not at all? Record the answer by  
using following codes:

- 1 = Daily (skip to B4)
- 2 = Less than daily
- 3 = Not at all (skip to B3)

**Column 3 (Q.B2):** The interviewer should ask a person directly with a question like this:  
Have you smoked tobacco daily in the past? Record the answer by using following codes:  
The interviewer should explain subject to him/her that the “past” means at any point in your  
lifetime.

- 1 = Yes (skip to B7)
- 2 = No (skip to B8)

**Column 4 (Q.B3):** The interviewer should ask a person directly with a question like this:

In the past, have you smoked tobacco on a daily basis, less than daily, or not at all?

Record the answer by using following codes:

The interviewer should take a note that, if the respondent done both “Daily” and “Less than daily” in the past, check “Daily” and follow daily routing. The interviewer also explain subject to him/her that the “past” means at any point in your lifetime.

- 1 = Daily (skip to B9)
- 2 = Less than daily (skip to B10)
- 3 = Not at all (skip to section C)

### CURRENT DAILY SMOKERS

**Column 5 (Q.B4):** The interviewer should ask a person directly with a question like this:

How old were you when you first started smoking tobacco daily? Record the age in completed years. If don't know the age, record “99”.

**Column 6(a-f) (Q.B5):** The interviewer should ask a person directly with a question like this: Usually, how many of the following types of tobacco do you currently smoke each day? Record the number of cigarettes currently smokes per day by the following types of tobacco. The interviewer should take a note that if the respondent reports doing the activity within the past 30 days, but less than once per day (but more than 0), put code “888”. If the respondent reports in packs or cartons, probe to find out how many are in each and calculate total number.

Read each item and show the <b>CARD 0</b> :	Record the Number of cigarettes/cigars/pipe loads per day
a. Manufactured cigarettes (Complete Q.B11-Q.B12)	.....
b. Hand-rolled cigarettes (made by local business)	.....
c. Hand-rolled cigarettes (rolled by self) (Complete Q.B13-Q.B14)	.....
d. Cigars	.....
e. Tobacco pipe (exclude water pipe)	.....
f. Water pipes	.....

**Note:**

- Answer from a to d: counts the number of cigarettes or cigars. Smoking part of cigarette or cigar and throwing it away counts as one cigarette.

- Answer from e to f: counts the number of pipe loads (define pipe loads using Card 0)

Show Card 0 to help the subject select

**Column 7 (Q.B6):** The interviewer should ask a person directly with a question like this: How soon after you wake in the morning up do you usually have your first smoke? Would you say..... Record the code.

- 1 = Less than 5 minutes
- 2 = 5 to 30 minutes
- 3 = 31 to 60 minutes
- 4 = More than 60 minutes

**Note:**

**-If Q.B5a=0/888 nig Q.B5c=0/888, Skip to Section C**

**-If Q.B5a>0, Skip to Q.B11**

**-If Q.B5a=0/888 nig Q.B5c>0, Skip to Q.B13**

**CURRENT LESS THAN DAILY SMOKERS**

**Column 8 (Q.B7):** The interviewer should ask a person directly with a question like this: How old were you when you first started smoking tobacco daily? Record the age in completed years. If don't know the age, record "99".

**Column 9(a-f)(Q.B8):** The interviewer should ask a person directly with a question like this: Usually, how many of the following types of tobacco do you currently smoke during a usual week? Record the number of cigarettes currently smokes per week by the following types of tobacco. The interviewer should take a note that if the respondent reports doing the activity within the past 30 days, but less than once per week (but more than 0), put code "888". If the respondent reports in packs or cartons, probe to find out how many are in each and calculate total number.

Read each item and show the <b>CARD 0:</b>	Record the Number of cigarettes/cigars/pipe loads per week
a. Manufactured cigarettes (Complete Q.B11-Q.B12)	.....
b. Hand-rolled cigarettes (made by local business)	.....
c. Hand-rolled cigarettes (rolled by self) (Complete Q.B13-Q.B14)	.....
d. Cigars	.....
e. Tobacco pipe (exclude water pipe)	.....
f. Water pipes	.....

**Note:**

- 
- Answer from a to d: counts the number of cigarettes or cigars. Smoking part of cigarette or cigar and throwing it away counts as one cigarette.
  - Answer from e to f: counts the number of pipe loads (define pipe loads using Card 0)  
Show Card 0 to help the subject select

**Note:**

- C**
- If Q.B5a=0/888 **nig** Q.B5c=0/888, Skip to Section
  - If Q.B5a>0, Skip to Q.B11
  - If Q.B5a=0/888 **nig** Q.B5c>0, Skip to Q.B13

**FOR THOSE WHO DO NOT SMOKE AT ALL (CURRENTLY)**

**Column 10 (Q.B9):** The interviewer should ask a person directly with a question like this: How old were you when you first started smoking tobacco daily? Record the age in completed years. If don't know the age, record "99".

**Column 11(a-b) (Q.B10):** The interviewer should ask a person directly with a question like this: How long has it been since you stopped smoking? The Interviewer should take a note that, we only interested in when respondent stopped smoking regularly. Do not include rare instances of smoking. Recode the number of yeas and month. If stop smoking less than 1 month, enter "888".

**Note:** \* Before doing to Section C, should check items B5a, B8a, B5c and B8c

- Complete Manufactured Cigarette (Card 0, a) items for subjects reporting > 0 cigarettes in B5a or 58a.
- Complete Handrolled by Self (Card 0, c) items for subjects reporting > 0 cigarettes in B5c or B8c.

**Column 12 (a-d) (Q.B11):** The interviewer should request the last empty pack of cigarettes purchased by the subject. The interviewer should answer the following questions by inspecting the pack. Does the empty pack given to you by the subject display the following?

- Domestic tax stamp
- A foreign tax stamp
- Khmer health warning label
- Presence of barcode

Record the following codes for the above-mentioned signs:

- 1 = Yes
- 2 = No
- 8 = Refused to answer
- 9 = Don't know

---

**Column 13 (Q.B12):** The interviewer should ask a person directly with a question like this: .  
Could an empty pack be obtained from respondent? Record the following codes:

1= Yes

2= No

**Note: -If Q.B5c=0/888 nig Q.B8c=0/888, Skip to Section C**

**Column 14 (Q.B13):** The interviewer should ask the diameter of the hand rolled cigarette. Show CARD 2 and have subject select diameter from the card, and then record the code (A, B, C).

**Column 15(Q.B14):** The interviewer should ask the length of hand rolled cigarette. Show CARD 2 and have subject select length from the card, and then record the length in Centimeters from the ruler in CARD 2.

## **SECTION C: CHEWING TOBACCO**

Introduction: The next questions are about chewing tobacco. The interviewer should show CARD 1 during questions C1-C3.

**Column 1:** Follow the same ID number of all household members as recoded in Section B.

**Column 2 (Q.C1):** The interviewer should ask a person directly with a question like this: Do you currently chew tobacco on a daily basis, less than daily, or not at all? Record the following codes:

1 = Daily (go to C4)

2 = Less than daily

3 = Not at all (go to C3)

**Column 3 (Q.C2):** The interviewer should ask a person directly with a question like this: Have you chewed tobacco daily in the past? Record the following codes:

1 = Yes (go to C7)

2 = No (go to C8)

**Column 4 (Q.C3):** The interviewer should ask a person directly with a question like this: In the past, have you chewed tobacco on a daily basis, less than daily, or not at all? Record the answer by using following codes:

The interviewer should take a note that, if the respondent done both “Daily” and “Less than daily” in the past, check “Daily” and follow daily routing.

1 = Daily (go to C9)

- 2 = Less than daily (go to C10)
- 3 = Not at all (go to section D)

**CURRENT DAILY SMOKELESS TOBACCO USERS**

**Column 5 (Q.C4):** The interviewer should ask a person directly with a question like this: How old were you when you first chewed tobacco daily? Record the age in completed years. If don't know the age, record 99.

**Column 6(a-d)(Q.C5):** The interviewer should ask a person directly with a question like this: Usually, how many times a day do you chew the following? Record the number of times chews per day by the following types. The interviewer should take a note that the respondent reports doing the activity is within the past 30 days. For non-users of an item should be entered as 0.

Read each item and show CARD 3	Record the number of times chews per day
a. Betel quid with tobacco	.....
b. Betel quid without tobacco	.....
c. Tobacco without betel quid	.....
d. Chewing tobacco from a commercial tin	.....

**Column 7 (Q.C5.1)** The interviewer should ask a person directly with a question about amount of tobacco chewed (with or without betel quid). The interviewer should show CARD 4 and have subject select amount from the CARD, and then record code.

- 1= about the same
- 2= less than the amount
- 3= more than the amount
- 4= not used

**Column 8(a-c)(Q.C5.2):** The interviewer should ask a person directly with a question about betel quid ingredients. The interviewer should show CARD 5 and have subject select amount of each ingredient such as a. betel leaf, b. betel nut and c. slaked lime and then record the following codes:

- 1= about the same
- 2= less than the amount
- 3= more than the amount
- 4= not used

**Column 9 (Q.C6):** The interviewer should ask a person directly with a question like this: How soon after you wake up in the morning do you usually chew tobacco for the first time? Would you say.....

- 1 = Less than 5 minutes

- 2 = 5 to 30 minutes
- 3 = 31 to 60 minutes
- 4 = More than 60 minutes

Record the code

**SKIP TO SECTION D**

**CURRENT LESS THAN DAILY SMOKELESS TOBACCO USERS**

**Column 10 (Q.C7):** The interviewer should ask a person directly with a question like this: How old were you when you first chewed tobacco daily? Record the age in completed years. If don't know the age, record 99.

**Column 11(a-d)(Q.C8):** The interviewer should ask a person directly with a question like this: Usually, how many times a week do you chew the following? Record the number of times chews per week by the following types. The interviewer should take a note that if the respondent reports doing the activity within the past 30 days, but less than once per week (but more than 0), put code “888”.

Read each item and show the CARD 3	Record the Number of times chews per week
a. Betel quid with tobacco	.....
b. Betel quid without tobacco	.....
c. Tobacco without betel quid	.....
d. Chewing tobacco from a commercial tin	.....

**Column 12 (Q.C8.1):** The interviewer should ask a person directly with a question about amount of tobacco chewed (with or without betel quid). The interviewer should show CARD 4 and have subject select amount from the CARD, and then record code.

- 1= about the same
- 2= less than the amount
- 3= more than the amount
- 4= not used

**Column 13(a-c)(Q.C8.2):** The interviewer should ask a person directly with a question about betel quid ingredients. The interviewer should show CARD 5 and have subject select amount of each ingredient such as a. betel leaf, b. betel nut and c. slaked lime and then record the following codes:

- 1= about the same

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2= less than the amount  
3= more than the amount  
4= not used

**SKIP TO SECTION D**

**FORTHOSE WHO DO NOT CHEW TOBACCO AT ALL  
(CURRENTLY)**

**Column 14 (Q.C9)**: The interviewer should ask a person directly with a question like this: How old were you when you first chewed tobacco daily? Record the age in completed years. If don't know the age, record 99.

**Column 15(a-b) (Q.C10)**: The interviewer should ask a person directly with a question like this: How long has it been since you stopped using smokeless tobacco? The Interviewer should take a note that, we only interested in when respondent stopped using smokeless tobacco regularly. Do not include rare instances of using smokeless tobacco. Recode the number of yeas and month.

**SKIP TO SECTION D**

**SECTION D: CESSATION**

**Introduction**: I would now like to ask you questions about use of health care services and Cessation of tobacco use.

**Column 1**: Follow the same ID number of all household members as recoded in Section B.

**Column 2 (Q.D1)**: The interviewer should ask a person directly with a question like this: How many times did you visit a doctor or health care provider in the past 12 months? Would you say 0 times, 1 or 2 times, 3 to 5 times, or 6 or more times? Record the following codes:

1 = 0 times (Skip to Q.D6)  
2 = 1 or 2 times  
3 = 3 to 5 times  
4 = 6 or more

---

**Column 3 (Q.D2):** The interviewer should ask a person directly with a question like this: During any visit to a doctor or health care provider in the past 12 months, were you asked if you chew tobacco?

- 1 = Yes
- 2 = No

**Column 4 (Q.D3):** The interviewer should ask a person directly with a question like this: During any visit to a doctor or health care provider in the past 12 months, were you asked if you smoke tobacco? Record the following codes:

- 1 = Yes
- 2 = No

**Column 5 (Q.D4):** The interviewer should check if the subject chews tobacco before Reading question and then ask him/her directly with a question like this: During any visit to a doctor or health care provider in the past 12 months, were you advised to stop chewing tobacco? Record the following codes:

- 1 = Yes
- 2 = No
- 3= Do not chew tobacco

**Column 6 (Q.D5):** The interviewer should check if the subject smokes tobacco before Reading question and then ask him/her directly with a question like this: During any visit to a doctor or health care provider in the past 12 months, were you advised to stop smoking tobacco? Record the following codes:

- 1 = Yes
- 2 = No
- 3= Do not smoke tobacco

**Column 7 (a-f) (Q.D6):** The interviewer should check if the subject chews tobacco before reading question and then ask him/her directly with a question like this: During the past 12 months, did you use any of the following to try to stop chewing tobacco? The interviewer should read each following item and then record the answer from the subject by using code 1 = Yes, code 2 = No and code 3=Do not chew tobacco.

- a. Counseling to stop chewing tobacco (example: at a clinic, health center school, Wat)
- b. Medical Treatment to stop chewing tobacco (example: nicotine patch, nicotine gum)?
- c. Other prescription medications to stop chewing tobacco (not related to nicotine)?
- d. Traditional medicines to stop chewing tobacco?
- e. Telephone support line to stop chewing tobacco?
- f. tobacco)?
- g. Anything else? Specify by writing in: \_\_\_\_\_

---

**Column 8 (a-g) (Q.D7):** The interviewer should check if the subject smokes tobacco before reading question and then ask him/her directly with a question like this: During the past 12 months, did you use any of the following to try to stop smoking tobacco? The interviewer should read each following item and then record the answer from the subject by using code 1 = Yes, code 2 = No and code 3=Do not smoke tobacco.

- a. Counseling to stop smoking tobacco (example: at a clinic, health center school, Wat)
- b. Medical Treatment to stop smoking tobacco (example: nicotine patch, nicotine gum)?
- c. Other prescription medications to stop smoking tobacco (not related to nicotine)?
- d. Traditional medicines to stop smoking tobacco?
- e. Smoking telephone support line to stop smoking tobacco?
- f. Switching from smoking tobacco to chewing tobacco (example: betel quid, chewing tobacco)?
- g. Anything else? Specify by writing in:\_\_\_\_\_

**Column 9(Q.D8):** The interviewer should check if the subject smokes tobacco before reading question and then ask him/her directly with a question like this: Which of the following best describes your thinking about quitting smoking?

- 1 = I am planning to quit within the next month
- 2 = I am thinking about quitting within the next 12 months
- 3 = I will quit someday, but not within the next 12 months
- 4 = I am not interested in quitting
- 5= I do not smoke tobacco

**Column 10 (Q.D9):** The interviewer should check if the subject chews tobacco before reading question and then ask him/her directly with a question like this: Which of the following best describes your thinking about quitting chewing tobacco?

- 1 = I am planning to quit within the next month
- 2 = I am thinking about quitting within the next 12 months
- 3 = I will quit someday, but not within the next 12 months
- 4 = I am not interested in quitting
- 5= I do not chew tobacco

## **SECTION E: SECONDHAND SMOKE**

**Introduction:** I would now like to ask you a few questions about smoking in various places.

**Column 1:** Follow the same ID number of all household members as recoded in Section B.

---

**Column 2 (Q.E1):** The interviewer should ask a person directly with a question like this: Which of the following best describes the family rules about smoking inside of your house: Smoking is allowed, sometimes is allowed and never allowed? Record the following codes:

- 1 = Allowed
- 2 = Sometimes is allowed
- 3 = Never allowed (skip to E4)

**Column 3 (Q.E2):** The interviewer should ask a person directly with a question like this: Inside your house, is smoking allowed in every place? Record the following codes:

- 1 = Yes
- 2 = No

**Column 4 (Q.E3):** The interviewer should ask a person directly with a question like this: How often does anyone smoke inside your house? Would you say daily, weekly, monthly, or less than monthly? Record the following codes:

- 1 = Daily
- 2 = Weekly
- 3 = Monthly
- 4 = Less than monthly

**Column 5 (Q.E4):** The interviewer should ask a person directly with a question like this: are you currently employed outside of your house? Record the following codes:

- 1 = Yes
- 2 = No (skip to E8)

**Column 6 (Q.E5):** The interviewer should ask a person directly with a question like this: Where do you usually work? Would you say: inside a building, outdoors or both? Record the following codes:

- 1 = Inside a building
- 2 = Outdoors (skip to E8)
- 3 = Both

**Column 7 (Q.E6):** The interviewer should ask a person directly with a question like this: Which of the following best describes the smoking policy in the building where you work: Smoking is allowed anywhere, smoking is allowed only in some places, or smoking is not allowed in any indoor areas? Record the answer from the respondent by using the following codes:

- 1 = Allowed anywhere
- 2 = Allowed only in some places

---

3 = Not allowed in the building  
9 = Don't know

**Column 8 (Q.E7)**: The interviewer should ask a person directly with a question like this:  
During the past 30 days, did anyone smoke in the building where you work?

1 = Yes  
2 = No

**Column 9 (Q.E8)**: The interviewer should ask a person directly with a question like this:  
During the past 30 days, did you visit any government buildings or government offices?  
Record the following codes:

1 = Yes  
2 = No (skip to E10)  
9 = Don't know (skip to E10)

**Note:** Government buildings/offices means working places inside the building where a person can sit and work (i.e. offices in the ministries, hospitals, schools, municipality/provincial/district/commune hall, military/police/custom stations etc.....)

**Column 10 (Q.E9)**: The interviewer should ask a person directly with a question like this:  
Did you see anyone smoke inside of any government buildings or government offices that you visited in the past 30 days? Record the following codes:

1 = Yes  
2 = No  
9 = Don't know

**Column 11(Q.E10)**: The interviewer should ask a person directly with a question like this:  
During the past 30 days, did you visit any health care facilities? Record the following codes:

1 = Yes  
2 = No (skip to E12)  
9 = Don't know (skip to E12)

**Note:** Health care facilities means any public place where the people can go and get public services providing medical care etc (i.e. commune health center, national hospital, province private hospital/clinic etc.....)

**Column 12 (Q.E11)**: The interviewer should ask a person directly with a question like this:  
Did you see anyone smoke inside of any health care facilities that you visited in the past 30 days? Record the following codes:

1 = Yes  
2 = No  
9 = Don't know

---

**Column 13 (Q.E12)**: The interviewer should ask a person directly with a question like this: During the past 30 days, did you visit any restaurants/food-stores? Record the following codes:

- 1 = Yes
- 2 = No (skip to E14)
- 9 = Don't know (skip to E14)

**Note:** Restaurants/food-stores means any public place where meals, drinks, fruits may be bought and eaten (i.e. Restaurants/food-stores on the street, inside market, school, hospital, work place etc.,)

**Column 14 (Q.E13)**: The interviewer should ask a person directly with a question like this: Did you see anyone smoke inside of any restaurants/food-stores that you visited in the past 30 days? Record the following codes:

- 1 = Yes
- 2 = No
- 9 = Don't know

**Column 15 (Q.E14)**: The interviewer should ask a person directly with a question like this: During the past 30 days, did you use any public transportation? Record the following codes:

- 1 = Yes
- 2 = No (skip to E16)
- 9 = Don't know (skip to E16)

**Note:** Public transportation means any public system of conveying people, good etc., from place to place (i.e. taxi bike, Tuk Tuk, Ox/horse-drawn carts, Taxi car, bus, train, boat, ferry, ship, aircraft....)

**Column 16 (Q.E15)**: The interviewer should ask a person directly with a question like this: Did you see anyone smoke inside of any public transportation vehicles that you used in the past 30 days? Record the following codes:

- 1 = Yes
- 2 = No
- 9 = Don't know

## **SECTION F1: ECONOMICS – MANUFACTURED CIGARETTES**

**Introduction:** The next few questions are about how you obtain the manufactured cigarettes ( the sold in commercial packs) for yourself.

**Column 1:** Follow the same ID number of all household members as recoded in Section B.

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**Column 2 (a-e) (Q.F1.1):** The interviewer should ask a person directly with a question like this: The last time you bought manufactured cigarettes for yourself, how many cigarettes did you buy? Enter the number of cigarettes. Enter “888” in “total” column if never bought manufactured cigarettes, and then skip to F2.

- Single cigarettes (How many cigarettes?)
- Packs (How many cigarettes were in each pack?)
- Cartons (How many cigarettes were in each carton?)
- Other specify : \_\_\_\_\_ ( How many cigarettes were in each [FILL]?)

**Notes:** the interviewer needs to help the respondent estimate the number of cigarettes he/she bought for himself/herself last time based on packs carefully before recoding the totals of cigarettes in the questionnaires because some types of packs contains different number of cigarettes (i.e. 10 or 20 cigarettes, etc., ). So the interviewer should help the respondent count cigarettes from each picks and then sum up to get the totals.

**Column 3 (Q.F1.2):** The interviewer should record the amount spent on the total (total in column 2a). Enter price in Riels. Enter “00”if don’t smoke purchased cigarettes.

**Column 4 (Q.F1.3):** The interviewer should record the value of the manufactured cigarettes obtained during the last time you traded for them. Enter price in Riels. Enter “00”if don’t smoke cigarettes taken in trade.

**Notes:** At certain day during the month of the interview, one person makes a trade (barter (with another), one kilogram of rice to get one pack of cigarettes” for himself/herself for the last time. In barter like this, there will be two transactions: one person probably assumes to sell one kilogram of rice at the market price of one pack of cigarettes and another person also assume to buy one pack of cigarettes at the market price of one kilogram of rice. In this case the interviewer should record the amounts of one pack of cigarette he/she acquires through a trade (barter) in riel at the value of one kilogram of rice.

**Column 5 (Q.F1.4):** The interviewer should record the value of the manufactured cigarettes obtained during the last time you received them as gift. Enter price in Riels. Enter “00”if don’t smoke cigarettes received from gift.

**Column 6 (Q.F1.5):** The interviewer should ask a person directly with a question like this: What brand did you buy the last time you purchased cigarettes for yourself? The interviewer should show CARD 6 and enter code for the brand. Notes that the other brand not on the card, should enter code = 49.

**Column 7 (Q.F1.6):** The interviewer should ask a person directly with a question like this: The last time you purchased manufactured cigarettes for yourself, where did you buy them? Recode the answer from the respondent by using the following codes:

- 1 = Supermarket
- 2 = Traditional market

- 
- 3 = Street vendor
  - 4 = Grocery store
  - 5 = Restaurant, bar, beer garden,
  - 6 = Nightclub, karaoke
  - 7 = Hotel/guesthouse
  - 8 = Internet
  - 9 = Trade
  - 10 = Gift
  - 99 = Don't remember

**Column 8 (Q.F1.7):** The interviewer should ask a person directly with a question like this: How much did you spend on manufactured cigarettes in the past week? Enter price in Riels.

## **SECTION F2: ECONOMICS – HANDROLLED CIGARETTES (LOCAL BUSINESS)**

**Introduction:** The next few questions are about how you obtain the hand-rolled cigarettes for yourself from a local business.

**Column 1:** Follow the same ID number of all household members as recoded in Section B.

**Column 9(a-e) (Q.F2.1):** The interviewer should ask a person directly with a question like this: The last time you bought hand-rolled cigarettes for yourself from a local business, how many hand-rolled cigarettes did you buy? Enter the number of cigarettes bought in the following. Enter “888” in total column (9a) if never bought hand-rolled cigarettes from a local business, and then skip to F3.

- Single cigarettes (How many cigarettes?)
- Bag (How many cigarettes were in each bag?)
- Tied/Bundled (How many cigarettes were in each bundle?)
- Other specify : \_\_\_\_\_ ( How many cigarettes were in each [FILL]?)

**Notes:** the interviewer needs to help the respondent estimate the number of cigarettes he/she bought for himself/herself last time based on bags and bundles carefully before recoding the totals of cigarettes in the questionnaires because some types of bags and bundles contains different number of cigarettes (i.e. 5, 10 or 20 cigarettes, etc., ). So the interviewer should help the respondent count cigarettes from each bags and bundles and then sum up to get the totals.

**Column 10 (Q.F2.2):** The interviewer should record the amount spend on total (total in Column9a). Enter price in Riels. Enter “00”if don't smoke purchased hand rolled cigarettes.

**Column 11 (Q.F2.3):** The interviewer should record the value of hand-rolled cigarettes (local business) obtained during the last time you traded for them. Enter price in Riels. Enter “00”if don't smoke hand rolled cigarettes taken in trade.

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**Column 12 (Q.F2.4):** The interviewer should record the value of hand-rolled cigarettes (local business) obtained during the last time you received them as a gift. Enter price in Riels. Enter “00” if don’t smoke hand rolled cigarettes received from gift.

**Column 13 (Q.F2.5):** The interviewer should ask a person directly with a question like this: The last time you purchased hand-rolled cigarettes (local business) for yourself, where did you buy them? Recode the answer from the respondent by using the following codes:

- 1 = Traditional market
- 2 = Street vendor
- 3 = Grocery store
- 4 = Restaurant, bar, beer garden,
- 5 = Nightclub, karaoke
- 6 = Hotel/guesthouse
- 7 = Trade
- 8 = Gift
- 9 = Other specify.....
- 99 = Don’t remember

**Column 14 (Q.F2.6):** The interviewer should ask a person directly with a question like this: How much did you spend on hand-rolled cigarettes (local business) in the past week? Enter price in Riels.

### **SECTION F3: ECONOMICS – Loose Tobacco for Hand-rolled Cigarettes or Chewing**

**Introduction:** The next few questions are about the last time you obtain loose tobacco for yourself to roll a cigarette or chew tobacco.

**Column 1:** Follow the same ID number of all household members as recoded in Section B.

**Column 15 (Q.F3.1):** The interviewer should ask a person directly with a question like this: The last time you bought loose tobacco for yourself, how much did you buy (in kam)? One kam is equal to 0.1 kg. Enter “888” if never bought loose tobacco and then skip to Section G.

**Column 16 (Q.F3.2):** The interviewer should record the amount spent on the loose tobacco reported from Q.F3.1. Enter price in Riels. Enter “00” if don’t smoke purchased loose tobacco for hand-rolled cigarettes.

**Column 17 (Q.F3.3):** The interviewer should record the value of the loose tobacco obtained during the last time you traded for it. Enter price in Riels. Enter “00” if don’t smoke purchased loose tobacco for hand rolled cigarettes taken in trade.

**Column 18 (Q.F3.4):** The interviewer should record the value of the loose tobacco obtained

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during the last time you received it as a gift. Enter price in Riels. Enter “00”if don’t smoke purchased loose tobacco for hand rolled cigarettes received as a gift.

**Column 19 (Q.F3.5)**: The interviewer should ask a person directly with a question like this: The last time you purchased loose tobacco for yourself, where did you buy them? Recode the answer from the respondent by using the following codes:

- 1 = Traditional market
- 2 = Street vendor
- 3 = Grocery store
- 4 = Restaurant, bar, beer garden,
- 5 = Nightclub, karaoke
- 6 = Trade
- 7 = Gift
- 8 = Do not obtain it by purchase, trade, or gift
- 9 = Other specify.....
- 99 = Don’t remember

**Column 20 (Q.F3.6)**: The interviewer should ask a person directly with a question like this: Did you grow your loose tobacco that you chew or smoke? Enter the following codes:

- 1 = Yes
- 2 = No

**Column 21 (Q.F3.7)**: The interviewer should ask a person directly with a question like this: How much did you spend on loose tobacco in the past week? Enter price in Riels.

## **SECTION G: MEDIA**

Introduction: The next few questions ask about your exposure to the media, advertisements, and health warning label in the last 30 days.

**Column 1**: Follow the same ID number of all household members as recoded in Section B.

**Column 2 (a-e) (Q.G1)**: The interviewer should ask a person directly with a question like this: In the last 30 days, have you noticed information about the dangers of smoking tobacco or that encourages quitting in any of the following places? The interviewer should read each item and then record the answer from the despondent by using code 1 = Yes code 2 = No and code 9 = Not applicable.

- a. In newspapers or in magazines?
- b. On television?
- c. On the radio?
- d. On billboards?
- e. Somewhere else? Specify: \_\_\_\_\_

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## Health Warning Label (Q.G2 to Q.G4)

**Column 3 (Q.G2):** The interviewer should ask a person directly with a question like this: In the last 30 days, did you notice any health warnings on cigarette packages? Recode the following codes:

- 1 = Yes
- 2 = No (skip to Q.G5)
- 3 = Did not see any cigarette packages (skip to Q.G5)

**Column 4 (Q.G3):** The interviewer should ask a person directly with a question like this: In the last 30 days, did you look closely at these health warnings on cigarette packages? Recode the following codes:

- 1 = Yes
- 2 = No

**Column 5 (Q.G4):** The interviewer should ask a person directly with a question like this: Should health warning pictures be included on cigarette packages? The interviewer should show picture card 10 to the subject. Recode the following codes:

- 1 = Yes
- 2 = No

## Advertisement, Signs, and Promotion (Q.G5 to Q.G7)

**Column 6 (Q.G5):** The interviewer should ask a person directly with a question like this: In the last 30 days, have you noticed any advertisement or signs prompting cigarettes in following places? The interviewer should read each item and then record the answer from the respondent by using code 1 = Yes code 2 = No and code 9 = Don't know.

- a. In stores where cigarettes are sold?
- b. On television?
- c. On the radio?
- d. On billboards?
- e. On posters?
- f. In newspapers or magazines?
- g. In cinemas?
- h. On the internet?
- i. On public transportation vehicles or stations?
- j. On tobacco company vehicles?
- k. Umbrella (ex: at a stall)
- l. Banner (in public area)
- m. On public walls?
- n. Concert?
- o. Advertisement counter (example: in a restaurant or

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other public area)

p. Anywhere else? Specify: \_\_\_\_\_

**Column 7 (Q.G6)**: The interviewer should ask a person directly with a question like this: In the last 30 days, have you noticed any sport or sporting event that is associated with cigarette brands or cigarette companies? Recode the following codes:

1 = Yes

2 = No

9 = Don't know

**Column 8 (Q.G7)**: The interviewer should ask a person directly with a question like this: In the last 30 days, have you noticed any of the following types of cigarette promotions? The interviewer should read each item and then record the answer from the respondent by using code 1 = Yes code 2 = No and code 9 = Don't know.

a. Free samples of cigarettes?

b. Cigarettes at sale prices?

c. Coupons for cigarettes?

d. Free gifts or special discount offers on other products when buying cigarettes?

e. Clothing or other items with a cigarette brand name or logo?

f. Mail promoting cigarettes?

**Column 9 (Q.G8)**: The interviewer should ask a person directly with a question like this: Do you listen to radio programs on the harms of tobacco? Record the following codes:

1 = Yes

2 = No (skip to section H)

**Column 10 (Q.G9)**: The interviewer should ask a person directly with a question like this: Do you listen on what station? Write in the name of radio station you listened to and then skip to section H. Enter "99" for "Don't know".

## **SECTION H: KNOWLEDGE AND ATTITUDES ABOUT TOBACCO USE**

**As all household members aged 15 and older who are present at home during the entire period of the survey**

### **Knowledge and Attitude about Harmful Effects**

**Column 1**: Follow the same ID number of all household members as recoded in Section B.

**Column (2-4)(Q.H1)**: The interviewer should ask a person directly with a question like

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this: Please answer the following questions about your beliefs on smoking. The interviewer should read each item and then record the answer from the respondent by using code 1 = No, not harmful, 2 = Yes, a little harmful or moderately harmful, 3 = Yes, seriously harmful and 9 = Don't know or refuse to answer.

- a. Is smoking harmful to your health?
- b. Is breathing the smoke from someone else's cigarette or pipe harmful to your health?
- c. Is smoking during pregnancy harmful to the health of the fetus?"

**Column 5(a-d)(Q.H2):** The interviewer should ask a person directly with a question like this: Is smoking causes the following diseases? The interviewer should read each item and then record the answer from the respondent by using code 1 = Agree, 2 = Disagree and 9 = Don't know/refuse to answer.

- a. Bronchitis
- b. Lung Cancer
- c. Heart Disease
- d. Any Illness

**Column 6(Q.H3):** The interviewer should ask a person directly with a question like this: It is a sin for a cigarette or pipe smoker to produce smoke that is inhaled by other persons. Recode the following codes:

- 1 = agree
- 2 = disagree
- 9 = don't know/refuse to answer

**Column 7(Q.H4):** The interviewer should ask a person directly with a question like this: Harming your body with tobacco is a sin? Record the following codes:

- 1 = agree
- 2 = disagree
- 9 = don't know/refuse to answer

**Column 8(Q.H5):** The interviewer should ask a person directly with a question like this: A man who does not smoke is not a real man? Recode the following codes:

- 1 = agree
- 2 = disagree
- 9 = don't know/refuse to answer

**Column 9(a-d)(Q. H6):** The interviewer should ask a person directly with a question like this: Smoking should not be allowed at the following places. The interviewer should read each item and then record the answer from the respondent by using code 1 = Agree, 2 = Disagree and 9 = Don't know/refuse to answer.

- 
- a. Wat (Pagoda)
  - b. Restaurant and food store
  - c. Public transportation
  - d. Workplace inside a building/house

**Column 10 (Q.H7):** The interviewer should ask a person directly with a question like this: All cigarette tax should be increased. Record the following codes:

- 1 = Agree
- 2 = Disagree
- 9 = Don't know/refuse to answer

**Column 11 (Q.H8):** The interviewer should ask a person directly with a question like this: The price of cigarettes should be raised to encourage people to stop smoking. Record the following codes:

- 1 = Agree
- 2 = Disagree
- 9 = Don't know/refuse to answer

## **SECTION I: DIET**

**As all household members aged 15 and older who are present at home during the entire period of the survey**

- Use Card 7 for rice and noodle questions (plates)
- Use Card 8 to estimate cups and glasses
- Use Card 9 to identify foods

**Respondent:** The interviewer must interview each household member aged 15 years and over individually to complete this part.

**Column 1:** Follow the same ID number of all household members as recorded in Section B.

### **Question I.1: RICE CONSUMPTION FOR YESTERDAY**

**Column 2, 3, 4 and 5:** The interviewer should ask a person directly with a question like these: for **Col. (2)** how many rice did you eat yesterday for **breakfast**. Show the plate and record the number of plates. If he/she didn't eat rice yesterday, record "0". Record "99" if data is not available for a person.

Follow the same instruction for **Col. (3) for Lunch, Col. (4) for Diner, and Col. (5) for Other.**

**Column (6):** The total amount of rice consumed yesterday by each household member. (Col.6) = (Col.2) + (Col.3) + (Col.4) + (Col.5). The total amount of rice is recorded "0" if

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each household member did not consume rice yesterday. Record “99” if data is not available for a person.

**Note:** If the quantity of rice is less than one plate, please record a half (1/2) or a quarter (1/4) of plate. Be sure to enter rice only. An item for noodles occurs later.

## **OTHER FOOD AND DRINK CONSUMPTION FOR THE PAST 7 DAYS**

Ask the number of days and quantity of food and drinks that all household members aged 15 years and above consumed in the past week.

### **QUESTION I.2: FOODS**

**Note:** -a palm is approximately 0.5 kam and 1 kam = 0.1 kg

-If a person didn't eat, enter “0” for that food item

**Column 7(A):** The interviewer should ask a person directly with a question like this How many bowls of noodles did you consume in the past 7 days? Record the number of bowls in Col.7A.

**Note:** Show picture card 7 for asking question 7 (A).

**Column 8(A-B):** The interviewer should ask a person directly with a question like this How many times in the past 7 days did you consume breads? Record the number of time in Col. 8A and then record the following codes in Col 8B.

1= about this amount

2= less than this amount

3= more than this amount

**Note:** Show picture card 9 for asking question 8 (A-B).

**Column 9(A-B):** The interviewer should ask a person directly with a question like this How many times in the past 7 days did you consume eggs? Record the number of time in Col.9A and record usual number of eggs consumed each time in Col.9B.

**Column 10(A):** The interviewer should ask a person directly with a question like this how many times in the past 7 days did you consume a cup of cow's milk? Record the number of cups in Col.10A.

**Column 10(B):** The interviewer should ask a person directly with a question like this: does this cup best match the amount consumed each time? and then record the following codes in Col 10B.

1 = about the same

2 = less than this cup

3 = more than this cup

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**Note:** Show picture card 8 for asking question 10 (A-B).

**Column 11A:** The interviewer should ask a person directly with a question like this: How many tins of condensed milk did you consume in the past 7 days? (Fractions of tin can be reported (0.5 = half a tin)).

**Column 12(A-B):** The interviewer should ask a person directly with a question like this how many times in the past 7 days did you consume fresh fish? (i.e. no fermenting or processing). Record the number of time in Col.12A and then record the quantity consumed each time in Col.12B (in kam).

**Column 13(A-B):** The interviewer should ask a person directly with a question like this how many times in the past 7 days did you consume fish paste, fermented fish (Pla ra)? Record the number of time in Col.13A and then record the quantity consumed each time in Col.13B (in kam).

**Column 14(A-B):** The interviewer should ask a person directly with a question like this how many times in the past 7 days did you consume Squid, Shrimp, or Prawns? Record the number of time in Col.14A and then record the quantity consumed each time in Col.14B (in kam).

### **QUESTION I.3: FOODS**

**Note:** -a palm is approximately 0.5 kam and 1 kam = 0.1 kg  
- If a person didn't eat, enter "0" for that food item

**Column 7(A-B):** The interviewer should ask a person directly with a question like this how many times in the past 7 days did you consume crab? Record the number of time in Col.7A and record the quantity consumed each time in Col.7B (in kam).

**Column 8(A-B):** The interviewer should ask a person directly with a question like this how many times in the past 7 days did you consume beef meat? Record the number of time in Col.8A and record the quantity consumed each time in Col.8B (in kam).

**Column 9(A-B):** The interviewer should ask a person directly with a question like this how many times in the past 7 days did you consume pork meat? Record the number of time in Col.9A and record the quantity consumed each time in Col.9B (in kam).

**Column 10(A-B):** The interviewer should ask a person directly with a question like this how many times in the past 7 days did you consume chicken meat? Record the number of time in Col.10A and record the quantity consumed each time in Col.10B (in kam).

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**Column 11(A-B):** The interviewer should ask a person directly with a question like this how many times in the past 7 days did you consume organ meat? Record the number of time in Col.11A and record the quantity consumed each time in Col.11B (in kam).

**Column 12(A-B):** The interviewer should ask a person directly with a question like this how many times in the past 7 days did you consume other meat? Record the number of time in Col.12A and record the quantity consumed each time in Col.12B (in kam).

**Column 13(A-B):** The interviewer should ask a person directly with a question like this how many times in the past 7 days did you consume dark green leafy vegetables? Record the number of time in Col.13A and record the quantity consumed each time in Col.13B (in kam).

#### **QUESTION I.4: FOODS**

**Note: -a palm is approximately 0.5 kam and 1 kam = 0.1 kg  
-If a person didn't eat, enter "0" for that food item**

**Column 7(A-B):** The interviewer should ask a person directly with a question like this how many times in the past 7 days did you consume orange vegetables (pumpkin, carrot, orange sweet potato? Record the number of time in Col.7A and record the quantity consumed each time in Col.7B (in kam).

**Column 8(A-B):** The interviewer should ask a person directly with a question like this how many times in the past 7 days did you consume fruits (mango, papaya, jackfruits) ? Record the number of time in Col.8A and record the quantity consumed each time in Col.8B (in kam).

**Column 9(A):** The interviewer should ask a person directly with a question like this how many glasses of beer (alcohol) did you consume during the past seven days? Record the number of glasses in Col.9A.

**Column 9(B):** The interviewer should ask a person directly with a question like this: does this glass best match the amount consumed each time? and then record the following codes in Col 9B.

- 1 = about the same
- 2 = less than this glass
- 3 = more than this glass

**Note:** Show picture card 8 for asking question 9 (A-B).

**Column 10(A):** The interviewer should ask a person directly with a question like this how many glasses of wine (alcohol) did you consume during the past seven days? Record the number of glasses in Col.10A.

**Column 10(B):** The interviewer should ask a person directly with a question like this: does this glass best match the amount consumed each time? and then record the following codes in Col 10B.

- 
- 1 = about the same
  - 2 = less than this glass
  - 3 = more than this glass

**Note:** Show picture card 8 for asking question 10 (A-B).

**Column 11(A):** The interviewer should ask a person directly with a question like this how many glasses of spirits (alcohol) did you consume during the past seven days? Record the number of glasses in Col.11A.

**Column 11(B):** The interviewer should ask a person directly with a question like this: does this glass best match the amount consumed each time? and then record the following codes in Col 11B.

- 1 = about the same
- 2 = less than this glass
- 3 = more than this glass

**Note:** Show picture card 8 for asking question 11 (A-B).

**Column 12(A):** The interviewer should ask a person directly with a question like this how many glasses of palm liquor (alcohol) did you consume during the past seven days? Record the number of glasses in Col.12A.

**Column 12(B):** The interviewer should ask a person directly with a question like this: does this glass best match the amount consumed each time? and then record the following codes in Col 12B.

- 1 = about the same
- 2 = less than this glass
- 3 = more than this glass

**Column 13(A):** The interviewer should ask a person directly with a question like this how many glasses of non-alcoholic beverages (soft drink, fruit juice, fruit syrup) did you consume during the past seven days? Record the number of glasses in Col.13A.

**Column 13(B):** The interviewer should ask a person directly with a question like this: does this glass best match the amount consumed each time? and then record the following codes in Col 13B.

- 1 = about the same
- 2 = less than this glass
- 3 = more than this glass

**Column 14(A):** The interviewer should ask a person directly with a question like this how many times in the past 7 days did you consume a glass of water? Record the number of glasses in Col.14A.

**Column 14(B):** The interviewer should ask a person directly with a question like this: does this glass best match the amount consumed each time? and then record the following codes in Col 14B.

- 1 = about the same
- 2 = less than this glass

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3 = more than this glass

## LIFESTYLE

### SECTION J: CURRENT HEALTH

**As all household members aged 15 and older who are present at home during the entire period of the survey**

**Respondent:** The interviewer must interview each household member aged 15 years and over individually to complete this part.

**Column 1:** Follow the same ID number of all household members as recoded in Section B.

**Column 2(Q.J1):** The interviewer should ask a person directly with a question like this: How would you evaluate your current health during the past 4 weeks? Record the following codes:

- 1 = Very good
- 2 = Good
- 3 = Average
- 4 = Bad
- 5 = Very bad
- 9 = Don't know

**Column 3(Q.J2):** The interviewer should ask a person directly with a question like this: Have you experienced any of the following illnesses, injuries or other health problems in the past 4 weeks? If more than one refer to the most important. Recode the following codes:

- |                  |   |              |
|------------------|---|--------------|
| 1 = stomach ache | 2 = back pain   | 3 = headache |
| 4 = ear pain     | 5 = eye pain  | 6 = fever    |
| 7 = diarrhoea    | 8 = cold & cough without rapid or difficult breathing |              |

- 
- 9 = cold & cough with rapid or difficult breathing    10 = mine injury  
11 = road accident    12 = food-borne disease    13 = water-borne disease  
14 = dropsy (swollen belly) 15 = other care need (specify) 16 = No care  
17 = No diseases

**Column 4 (a-c)(Q.J3):** The interviewer should ask a person directly with a question like this: Has a doctor or other health worker ever diagnosed or told you that you are suffering from the following. The interviewer should read each item and then record the answer from the respondent by using code 1 = Agree, 2 = Disagree and 9 = Don't know/refuse to answer.

- a. Tuberculosis
- b. Malaria
- c. HIV/AIDS

### **Access to Health Care**

**Column 5(Q.J4):** The interviewer should ask a person directly with a question like this: Where was advice or treatment first sought for your illness/injury? Recode the following codes:

#### **Public Medical Sector**

- 01 = National Hospital (PP)
- 02 = Provincial Referral Hospital (RH)
- 03 = District Hospital (RH)
- 04 = Health Center
- 05 = Health Post
- 06 = Outreach
- 07 = Other Public (Specify).....

#### **Private Medical Sector**

- 08 = Private Hospital
- 09 = Private Clinic
- 10 = Home/Office of Trained Health Worker/Nurse
- 11 = Visit of Trained Health Worker/Nurse
- 12 = Other Private Medical (Specify).....
- 13 = Private Pharmacy

#### **Not Medical Sector**

- 14 = Shop Selling Drugs/Market
- 15 = Kru Khmer/Magician
- 16 = Monk/Religious Leader
- 17 = Traditional Birth Attendant
- 18 = Other not Medical (Specify).....

**Notes:** IF "HOSPITAL", PROBE: Does he/she mean a permanent building where health workers are present every day? IF "YES": Was it a Provincial Hospital, District Hospital,

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Health Center, or Private Hospital? IF "HEALTH WORKER/NURSE", PROBE: Did the health worker/nurse visit you or did you go to his/her office/home.

## **SECTION K. WOMEN'S HEALTH**

**Ask all Women in the Household aged 15 years and older who is present at home during the entire period of the survey**

**Column 1:** The interviewers must record the ID number of all women in the household aged 15 years and older who is present at home during the entire period of the survey. The ID numbers should be recorded from the household list in demographic section, page 2 only if Col.14 A = 1 (for woman present at home during the entire period of the survey).

**Note: Enter “-” if it is not women ages 15 to 49.**

**Column 2(Q.K1):** The interviewer should ask a woman directly with a question like this: Has a doctor or other health professional told you that you are currently pregnant? Record the following codes:

- 1 = Pregnant
- 2 = Not pregnant (skip to Q.K9)
- 3 = Classified as postmenopausal (skip to Q.K9)
- 9 = Unsure (skip to Q.K9)

**Column 3(Q.K2):** The interviewer should ask a woman directly with a question like this: Please describe your smoking of tobacco (cigarette, pipe) during this pregnancy? Record the following codes:

- 1 = Do not use tobacco
- 2 = Started using tobacco (did not use tobacco before pregnancy)
- 3 = Increased smoking of tobacco (did smoke before pregnancy)
- 4 = Decreased smoking of tobacco (did smoke before pregnancy)
- 5 = Quit smoking of tobacco (did smoke before pregnancy)

**Column 4(Q.K3):** The interviewer should ask a woman directly with a question like this: Please describe your chewing of tobacco during this pregnancy? Record the following codes:

- 1 = Do not chew tobacco
- 2 = Started chewing tobacco (did not use tobacco before pregnancy)

- 
- 3 = Increased chewing of tobacco (did chew before pregnancy)
  - 4 = Decreased chewing of tobacco (did chew before pregnancy)
  - 5 = Quit chewing of tobacco (did chew before pregnancy)

**Column 5(Q.K4)**: The interviewer should ask a woman directly with a question like this: Have you experienced “morning sickness” during this pregnancy? Record the following codes:

- 1 = Yes
- 2 = No
- 9 = Don’t know/refuse to answer

**Column 6(Q.K5)**: The interviewer should ask a woman directly with a question like this: Did you smoke tobacco to help with the “morning sickness” during this pregnancy? Record the following codes:

- 1 = Yes
- 2 = No
- 9 = Don’t know/refuse to answer

**Column 7(Q.K6)**: The interviewer should ask a woman directly with a question like this: Did you smoke a tobacco pipe to help with the “morning sickness” during this pregnancy? Record the following codes:

- 1 = Yes
- 2 = No
- 9 = Don’t know/refuse to answer

**Column 8(Q.K7)**: The interviewer should ask a woman directly with a question like this: Did you chew tobacco to help with the “morning sickness” during this pregnancy? Record the following codes:

- 1 = Yes
- 2 = No
- 9 = Don’t know/refuse to answer

**Column 9(Q.K8)**: The interviewer should ask a woman directly with a question like this: Did you chew the betel quid to help with the “morning sickness” during this pregnancy? Record the following codes:

- 1 = Yes
- 2 = No
- 9 = Don’t know/refuse to answer

**Column 10(Q.K9)**: The interviewer should ask a woman directly with a question like this: Have you used tobacco or betel quid to help with the “morning sickness” during any previous pregnancy? Record the following codes:

- 1 = Yes

- 
- 2 = No
  - 3 = Never pregnant (skip to Q.K12)
  - 9 = Don't know/refuse to answer

**Column 11 (Q.K10):** The interviewer should ask a woman directly with a question like this: Have you used tobacco or betel quid to help with labor pains during any previous pregnancy? Record the following codes:

- 1 = Yes
- 2 = No
- 9 = Don't know/refuse to answer

**Column 12 (Q.K11):** The interviewer should ask a woman directly with a question like this: Was your first use of tobacco or betel quid during a pregnancy? Record the following codes:

- 1 = Yes
- 2 = No
- 3 = Never used tobacco or betel quid in my lifetime
- 9 = don't know/refuse to answer

**Column 13 (a-f) (Q.K12):** The interviewer should ask a woman directly with a question like this: Have any of the following advised to use tobacco or betel quid when pregnant? The interviewer should read each following person and then record the answer from the respondent by using code 1 = Yes and code 2 = No.

- a. Traditional Birth Attendant
- b. Midwife
- c. Older Female Relative
- d. Older Male Relative
- e. Kru Khmer
- f. Health worker

**Column 14 (Q.K13):** The interviewer should ask a woman directly with a question like this: When was your last menstruation? Recode the following codes:

- 1 = Less than 1 month ago (skip to Q.K19)
- 2 = More than 1 month ago
- 3 = More than 2 months ago
- 9 = don't know/refuse to answer (skip to Q.K19)

**Column 15 (Q.K14):** The interviewer should ask a woman directly with a question like this: Please describe your smoking of tobacco (cigarette, pipe) during the past 2 months? Recode the following codes:

- 1 = do not smoke tobacco
- 2 = started smoking tobacco
- 3 = increased smoking of tobacco (have smoked longer than 2 months)
- 4 = decreased smoking of tobacco (have smoked longer than 2 months)
- 5 = quit smoking of tobacco (have smoked longer than 2 months)

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**Column 16 (Q.K15):** The interviewer should ask a woman directly with a question like this: Please describe your chewing of tobacco or betel quid during the past 2 months? Recode the following codes:

- 1 = do not chew tobacco or betel quid
- 2 = started chewing tobacco or betel quid
- 3 = increased chewing of tobacco or betel quid
- 4 = decreased chewing of tobacco or betel quid
- 5 = quit chewing tobacco or betel quid

**Column 17 (Q.K16):** The interviewer should ask a woman directly with a question like this: Have you experienced nausea during the past two months? Recode the following codes:

- 1 = Yes
- 2 = No (skip to Q.K19)
- 9 = Don't know/refuse to answer (skip to Q.K19)

**Column 18 (Q.K17):** The interviewer should ask a woman directly with a question like this: Did you smoke tobacco to help with this nausea? Recode the following codes:

- 1 = Yes
- 2 = No
- 9 = Don't know/refuse to answer

**Column 19 (Q.K18):** The interviewer should ask a woman directly with a question like this: Did you chew tobacco or betel quid to help with this nausea? Recode the following codes:

- 1 = Yes
- 2 = No
- 9 = Don't know/refuse to answer

**Q. K19.** The interviewer should list children who were born to women aged 15 and older living in the household and present at home during the entire period of the survey. Please check the child status of women in the household. Circle the following codes:

- 1 = Yes (Complete the following questions)
- 2 = No (End of questionnaire)

**Column 1:** It is a serial number of the children who were born to women aged 15 years and older recorded from the demographic section. If no children were born to women aged 15 and over (please end questionnaire).

**Column (20):** Record the mother's ID from the Col.1 of demographic section in page 2 who are living in the household and present at home during the entire period of the survey.

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**Column (21):** Record the children’s ID from the Col.1 of demographic section in page 2. Write “00”if the child is not living in the household or the child died or the child is not in the household roster.

**Column (22):** Write the child name or copy it from the demographic section. If the child has no name, please write “no name”.

**Column (23):** Ask a mother or other proxy to indicate that whether child was born alive which showed any sign of life after birth. Shows any sign of life after birth such as beating of the heart, pulsation of the umbilical cord, or movement of voluntary muscles, etc. In this question, the fetal death was called stillbirths, miscarriage, and abortion is excluded. Enter '✓' to indicate the child born alive. .

**Column (24):** Ask a mother about her age in completed years at the time of her childbirth. Enter ‘99’if do not know the age.

**Column 25):** Ask about the current vital status of the child. Record the following codes:

- 1 = Alive (skip to next child)
- 2 = Dead
- 9 = Don’t know/Unsure (skip to next child)

**Column (26):** Ask a person to indicate that whether the child died before the age of 5 years or not. Record the following codes:

- 1 = Yes
- 2 = No (skip to next child)

**Column (27):** Ask a person to indicate that whether the child died before the age of 1 year. Recode the following codes:

- 1 = Yes
- 2 = No

**Note:** If the answer “Yes” in Col. (26) and “Yes” in Col. (27), it means that a child really died before 1 year of age. If the answer “Yes” in Col.(26) and “No” in Col.(27), it means that a child really died between 1 year of age and 5 years of age. If the answer “No” in Col. (26), it means that a child really died at age of 5 years and over.

**The end of Questionnaire**

**Thank you for your cooperation**

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**And**  
**your answering to all questions**

**Be attached with:**

- 1. Age conversion chart 2010**
- 2. Sample Map of Enumeration Area (Map of EA)**