

Not shared with anyone

WB - MTF - Village Chief (FINAL2)

A. VILLAGE IDENTIFICATION

No sub-sections, No rosters, Questions: 8.

INFORMED CONSENT

No sub-sections, No rosters, Questions: 2, Static texts: 1.

B. VILLAGE CHIEF

No sub-sections, No rosters, Questions: 8.

C. BACKGROUND

No sub-sections, No rosters, Questions: 13, Static texts: 1.

D. TRANSPORTATION, COMMUNICATION, AND WATER SUPPLY

No sub-sections, No rosters, Questions: 5.

E. INFRASTRUCTURE AND SERVICES

No sub-sections, Rosters: 1, Questions: 27.

F. SHOCKS AND NATURAL DISASTERS IN THE LAST 12 MONTHS

No sub-sections, No rosters, Questions: 2.

G. ENERGY/FUEL PRICE IN THE VILLAGE

No sub-sections, Rosters: 1, Questions: 6.

H. SUPPLY OF ELECTRICITY

Sub-sections: 4, No rosters, Questions: 34.

I. COOKING

No sub-sections, No rosters, Questions: 15.

J. STREET LIGHTING

No sub-sections, No rosters, Questions: 14.

K - CONTACT DETAILS

No sub-sections, No rosters, Questions: 6.

APPENDIX A — OPTIONS

LEGEND

A. VILLAGE IDENTIFICATION

| SURVEYID | TEXT SCOPE: IDENTIFYING | SURVEYID |
|---------------|---|----------|
| A1 - Province | <p>SINGLE-SELECT</p> <p>01 <input type="radio"/> Banteay Meanchey 02 <input type="radio"/> Battambang 03 <input type="radio"/> Kampong Cham 04 <input type="radio"/> Kampong Chhnang 05 <input type="radio"/> Kampong Speu 06 <input type="radio"/> Kampong Thom 07 <input type="radio"/> Kampot 08 <input type="radio"/> Kandal 09 <input type="radio"/> Kep 10 <input type="radio"/> Koh Kong 11 <input type="radio"/> Kracheh 12 <input type="radio"/> Mondul Kiri 13 <input type="radio"/> Otdar Meanchey 14 <input type="radio"/> Pailin 15 <input type="radio"/> Phnom Penh 16 <input type="radio"/> Preah Sihanouk</p> <p>And 9 other [1]</p> | A1 |
| A3 - District | <p>SINGLE-SELECT: CASCADING</p> <p>001 <input type="radio"/> Malai 002 <input type="radio"/> Mongkol Borei 003 <input type="radio"/> Ou Chrov 004 <input type="radio"/> Paoy Paet 005 <input type="radio"/> Phnum Srok 006 <input type="radio"/> Serei Saophoan 007 <input type="radio"/> Svay Chek 008 <input type="radio"/> Thma Puok 009 <input type="radio"/> Banan 010 <input type="radio"/> Battambang 011 <input type="radio"/> Bavel 012 <input type="radio"/> Koas Krala 013 <input type="radio"/> Moung Ruessei 014 <input type="radio"/> Phnum Proek 015 <input type="radio"/> Rotonak Mondol 016 <input type="radio"/> Sampov Lun</p> <p>And 125 other [2]</p> | A3 |
| A5 - Commune | <p>SINGLE-SELECT: CASCADING</p> <p>001 <input type="radio"/> Ta Kong 002 <input type="radio"/> Kouk Ballangk 003 <input type="radio"/> Ruessei Kraok 004 <input type="radio"/> Changha 005 <input type="radio"/> Paoy Paet 006 <input type="radio"/> Phsar Kandal 007 <input type="radio"/> Ponley 008 <input type="radio"/> Srah Chik 009 <input type="radio"/> Ou Ambel 010 <input type="radio"/> Preah Ponlea 011 <input type="radio"/> Phkoam 012 <input type="radio"/> Phum Thmei 013 <input type="radio"/> Ta Kream 014 <input type="radio"/> Chamkar Samraong 015 <input type="radio"/> Kdol Doun Teav</p> | A5 |

| | | |
|--------------------|--|--------|
| | 016 <input type="radio"/> Preaek Preah Sdach And 204 other [3] | |
| A6 - Village | SINGLE-SELECT: CASCADING 001 <input type="radio"/> Ta Kong 002 <input type="radio"/> Char Thmei 003 <input type="radio"/> Chumteav 004 <input type="radio"/> Ta Chrueng 005 <input type="radio"/> Baliley 2 006 <input type="radio"/> Chan Kiri 007 <input type="radio"/> Kbal Spean 1 008 <input type="radio"/> Kbal Spean 2 009 <input type="radio"/> Ou Chrov 010 <input type="radio"/> Poay Pet 011 <input type="radio"/> Phsar Kandal 012 <input type="radio"/> Prachea Thorm Kaeut 013 <input type="radio"/> Ponley 014 <input type="radio"/> Srah Chik 015 <input type="radio"/> Rong Masin 016 <input type="radio"/> Preah Ponlea And 254 other [4] | A6 |
| Date of 1st visit. | DATE | VISIT1 |
| Date of 2nd visit. | DATE | VISIT2 |
| Date of 3rd visit. | DATE | VISIT3 |

INFORMED CONSENT

| | | |
|---|--|----------|
| INTSTART - Press here when you start the interview | DATE: CURRENT TIME | INTSTART |
| <p>STATIC TEXT</p> <p><i>Hello! My name is working with Angkor Research and Consulting. We are currently conducting a survey for the World Bank about access to energy in Cambodia. I will ask you some questions about the facilities, services and sources of energy available in your village. Your answers will only be used for research purposes and will be kept confidential.</i></p> <p><i>You can pause or skip any questions at any time during the interview, or ask to clarify any question you do not understand. The interview will take around 45 minutes. It is not a test, and thus there is no right or wrong answer. However all your answers are important and I want you to answer correctly and tell me the truth. This will allow my team to give good information to the World Bank and help improving your village's access to energy in the future. If you have question about this survey, you can contact to Mr. Khim Sarun via phone number: 023 222 501. Do you have any questions for me?</i></p> | | |
| CONSENT - Can I start asking the questions now? | SINGLE-SELECT 00 <input type="radio"/> No 01 <input type="radio"/> Yes | CONSENT |

B. VILLAGE CHIEF

| | | |
|-------------------------|------|----|
| B2 - What is your name? | TEXT | B2 |
|-------------------------|------|----|

| | |
|---|---|
| B3 - Sex | <p>-----</p> <p>SINGLE-SELECT B3</p> <p>01 <input type="radio"/> Male</p> <p>02 <input type="radio"/> Female</p> |
| B4 - How old are you? | <p>NUMERIC: INTEGER B4</p> <p>-----</p> |
| <p>I Years</p> <p>V1 self>=18</p> <p>M1 Must be older than 18 years old.</p> | |
| B5 - What position do you currently have in this village? | <p>SINGLE-SELECT B5</p> <p>001 <input type="radio"/> Village Chief</p> <p>002 <input type="radio"/> Deputy Village Chief</p> <p>555 <input type="radio"/> Other, specify</p> |
| B5_OTHER - Specify | <p>TEXT B5_OTHER</p> <p>-----</p> |
| E B5==555 | |
| B6 - For how many years have you lived in this community? | <p>NUMERIC: INTEGER B6</p> <p>-----</p> |
| <p>I In years.</p> <p>V1 self>=0</p> <p>M1 Must be higher or equal to 0.</p> | |
| B7 - What is the highest level of education that you have completed? | <p>SINGLE-SELECT B7</p> <p>000 <input type="radio"/> Pre-school or no education</p> <p>001 <input type="radio"/> Grade 1</p> <p>002 <input type="radio"/> Grade 2</p> <p>003 <input type="radio"/> Grade 3</p> <p>004 <input type="radio"/> Grade 4</p> <p>005 <input type="radio"/> Grade 5</p> <p>006 <input type="radio"/> Grade 6</p> <p>007 <input type="radio"/> Grade 7</p> <p>008 <input type="radio"/> Grade 8</p> <p>009 <input type="radio"/> Grade 9</p> <p>010 <input type="radio"/> Grade 10</p> <p>011 <input type="radio"/> Grade 11</p> <p>012 <input type="radio"/> Grade 12</p> <p>013 <input type="radio"/> Some university</p> <p>014 <input type="radio"/> Bachelors or Associates</p> <p>015 <input type="radio"/> Masters or Doctorates</p> <p>And 2 other [5]</p> |
| B7_OTHER - Specify | <p>TEXT B7_OTHER</p> <p>-----</p> |
| E B7==555 | |

C. BACKGROUND

| | |
|--|--|
| C1 - How many households are currently living in the village? | <p>NUMERIC: INTEGER C1</p> <p>-----</p> |
| <p>I Number of households</p> <p>V1 self>0</p> <p>M1 Must be higher than 0.</p> | |

STATIC TEXT

How many of the following live in this village?

| | |
|--|--|
| <p>C2 - Provincial or upper level government officials</p> <p>I Number of people V1 self>=0 M1 Must be higher or equal to 0.</p> | <p>NUMERIC: INTEGER C2</p> <p>-----</p> |
| <p>C3 - District or Commune level government officials</p> <p>I Number of people V1 self>=0 M1 Must be higher or equal to 0.</p> | <p>NUMERIC: INTEGER C3</p> <p>-----</p> |
| <p>C4 - Wealthy businessperson</p> <p>I Number of people V1 self>=0 M1 Must be higher or equal to 0</p> | <p>NUMERIC: INTEGER C4</p> <p>-----</p> |
| <p>C5 - District or upper level religious leader</p> <p>I Number of people V1 self>=0 M1 Must be higher or equal to 0.</p> | <p>NUMERIC: INTEGER C5</p> <p>-----</p> |
| <p>C6 - Top military/police officials</p> <p>I Number of people V1 self>=0 M1 Must be higher or equal to 0.</p> | <p>NUMERIC: INTEGER C6</p> <p>-----</p> |
| <p>C8 - Highly ranked employee of the national utility company</p> <p>I Number of people V1 self>=0 M1 Must be higher or equal to 0.</p> | <p>NUMERIC: INTEGER C8</p> <p>-----</p> |
| <p>C9 - How many households have come to settle in the village during the past two years (since 2015)?</p> <p>I Number of households V1 self>=0 M1 Must be higher or equal to 0.</p> | <p>NUMERIC: INTEGER C9</p> <p>-----</p> |
| <p>C10 - How many households have moved out of the village during the past two years (since 2015)?</p> <p>I Number of households V1 self>=0 M1 Must be higher or equal to 0.</p> | <p>NUMERIC: INTEGER C10</p> <p>-----</p> |
| <p>C11 - What are the main sources of income for most households in the village?</p> <p>I Multiple answers. Up to three answers.</p> | <p>MULTI-SELECT C11</p> <p>001 <input type="checkbox"/> Crop cultivation 002 <input type="checkbox"/> Livestock 003 <input type="checkbox"/> Fishing/Hunting 004 <input type="checkbox"/> Trading 005 <input type="checkbox"/> Services 006 <input type="checkbox"/> Small-scale industry (non-farm) 007 <input type="checkbox"/> Large-scale commercial industry (non-farm) 008 <input type="checkbox"/> Transport 009 <input type="checkbox"/> Professional occupations</p> |

- 010 Civil service
 555 Other, specify

| | |
|---|--|
| <p>C11_other - Other (Specify)</p> <p>E C11.Contains (555)</p> | <p>TEXT</p> <p style="text-align: right;">C11_other</p> <p>.....</p> |
| <p>C12 - What is the price per hectare of agricultural land in the village?</p> <p>I Riels. 111 = Land not for sale 777 = Not applicable</p> <p>V1 self==0 self>=100</p> <p>M1 Please enter a valid monetary valid, higher or equal to 0.</p> | <p>NUMERIC: INTEGER</p> <p style="text-align: right;">C12</p> <p>-----</p> |
| <p>C13 - What percentage of households in the village are landless?</p> <p>I Percentage of households who do not have any land (for farming and f or living).</p> <p>V1 self>=0 && self<=100</p> <p>M1 Must be comprised between 0 and 100.</p> | <p>NUMERIC: INTEGER</p> <p style="text-align: right;">C13</p> <p>-----</p> |

D. TRANSPORTATION, COMMUNICATION, AND WATER SUPPLY

| | |
|--|---|
| <p>D1a - Is the village accessible by car or truck during the raining season?</p> | <p>SINGLE-SELECT</p> <p style="text-align: right;">D1a</p> <p>00 <input type="radio"/> No 01 <input type="radio"/> Yes, by paved road 02 <input type="radio"/> Yes, by unpaved/gravel/dirt road</p> |
| <p>D1b - Is the village accessible by car or truck during the dry season?</p> | <p>SINGLE-SELECT</p> <p style="text-align: right;">D1b</p> <p>00 <input type="radio"/> No 01 <input type="radio"/> Yes, by paved road 02 <input type="radio"/> Yes, by unpaved/gravel/dirt road</p> |
| <p>D2 - What is the distance in kilometers from the village to the district center?</p> <p>I In kilometers.</p> <p>V1 self>=0</p> <p>M1 Must be higher or equal to 0.</p> | <p>NUMERIC: INTEGER</p> <p style="text-align: right;">D2</p> <p>-----</p> |
| <p>D3 - Can a mobile phone get a working signal in the village?</p> <p>I Read aloud options</p> | <p>SINGLE-SELECT</p> <p style="text-align: right;">D3</p> <p>00 <input type="radio"/> No, nowhere in the village 01 <input type="radio"/> Yes, everywhere in the village 02 <input type="radio"/> Yes, most parts of the village 03 <input type="radio"/> Yes, half of the village 04 <input type="radio"/> Yes, only a few parts of the village</p> |
| <p>D4 - What is the main source of water supply for most households in the village?</p> | <p>SINGLE-SELECT</p> <p style="text-align: right;">D4</p> <p>01 <input type="radio"/> Pipe borne water treated 02 <input type="radio"/> Pipe borne water untreated 03 <input type="radio"/> Bore hole/ hand pump 04 <input type="radio"/> Electric water pump 05 <input type="radio"/> Well/ spring protected 06 <input type="radio"/> Well/ spring unprotected 07 <input type="radio"/> River/ spring 08 <input type="radio"/> Lake/ reservoir 09 <input type="radio"/> Rain water 10 <input type="radio"/> Tanker/ truck/ vendor 11 <input type="radio"/> Sachet water 12 <input type="radio"/> Bottle water</p> |

E. INFRASTRUCTURE AND SERVICES

E2 - Which of the following infrastructures does your village has?

I Multiple answers. Prompt.

V1 `self.ContainsOnly(111) || (self.ContainsAny(1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22) && !self.Contains(111))`

M1 Cannot select any other code with "None".

MULTI-SELECT

E2

- 001 Pre-primary school / Kindergarten
- 002 Primary school
- 003 Secondary school/high school
- 004 Technical Vocational Training Institution
- 005 Bus stop
- 006 Private clinic
- 007 Government clinic/Public Health Center
- 008 Dispensary or pharmacy
- 009 Hospital (public or private)
- 010 Market
- 011 Bank branch
- 012 Microfinance Institutions (MFIs)
- 013 Police station
- 014 Post office
- 015 Internet café
- 016 NGOs

And [7 other \[6\]](#)

E. INFRASTRUCTURE AND SERVICES
Roster: VILLAGES INFRASTRUCTURES
generated by multi-select question [E2](#)

INFRAROSTER

E @rowcode!=111

E5 - In what year did the first %rostertitle% begin operating in this village?

NUMERIC: INTEGER

E5

I 888 = Don't know

V1 `(self>=1950 && self<=2017) || self==888`

M1 Please enter a valid year.

E6 - Do %rostertitle% in your village have access to electricity?

SINGLE-SELECT

E6

- 00 No
- 01 Yes, all
- 02 Yes, some

E7 - What is their main source of electricity?

SINGLE-SELECT

E7

E E6==1 || E6==2

- 001 Grid
- 002 Mini-grid
- 003 Solar PV
- 004 Generator
- 555 Other (specify)

E7_other - Other (Specify).

TEXT

E7_other

E E7==555

E4_1 - How far away is the nearest Preschool or Kindergarten from the village?

NUMERIC: INTEGER

E4 1

I Kilometers. 888 = Don't know.

E !E2.Contains(1)

V1 `self>=0`

M1 Must be higher or equal to 0.

| | |
|--|---|
| <p>E4_2 - How far away is the nearest Primary school from the village?</p> <p>I Kilometers. 888 = Don't know. E !E2.Contains (2) V1 self>=0 M1 Must be higher or equal to 0.</p> | <p>NUMERIC: INTEGER E4_2</p> <p>-----</p> |
| <p>E4_3 - How far away is the nearest Secondary school or high school from the village?</p> <p>I Kilometers. 888 = Don't know. E !E2.Contains (3) V1 self>=0 M1 Must be higher or equal to 0.</p> | <p>NUMERIC: INTEGER E4_3</p> <p>-----</p> |
| <p>E4_4 - How far away is the nearest Vocational Training Centre from the village?</p> <p>I Kilometers. 888 = Don't know. E !E2.Contains (4) V1 self>=0 M1 Must be higher or equal to 0.</p> | <p>NUMERIC: INTEGER E4_4</p> <p>-----</p> |
| <p>E4_5 - How far away is the nearest private clinic from the village?</p> <p>I Kilometers. 888 = Don't know. E !E2.Contains (5) V1 self>=0 M1 Must be higher or equal to 0.</p> | <p>NUMERIC: INTEGER E4_5</p> <p>-----</p> |
| <p>E4_6 - How far away is the nearest bus stop from the village?</p> <p>I Kilometers. 888 = Don't know. E !E2.Contains (6) V1 self>=0 M1 Must be higher or equal to 0.</p> | <p>NUMERIC: INTEGER E4_6</p> <p>-----</p> |
| <p>E4_7 - How far away is the nearest public health facility from the village?</p> <p>I Kilometers. 888 = Don't know. E !E2.Contains (7) V1 self>=0 M1 Must be higher or equal to 0.</p> | <p>NUMERIC: INTEGER E4_7</p> <p>-----</p> |
| <p>E4_8 - How far away is the nearest dispensary or pharmacy from the village?</p> <p>I Kilometers. 888 = Don't know. E !E2.Contains (8) V1 self>=0 M1 Must be higher or equal to 0.</p> | <p>NUMERIC: INTEGER E4_8</p> <p>-----</p> |
| <p>E4_9 - How far away is the nearest hospital from the village?</p> <p>I Kilometers. 888 = Don't know. E !E2.Contains (9) V1 self>=0 M1 Must be higher or equal to 0.</p> | <p>NUMERIC: INTEGER E4_9</p> <p>-----</p> |
| <p>E4_10 - How far away is the nearest market from the village?</p> <p>I Kilometers. 888 = Don't know.</p> | <p>NUMERIC: INTEGER E4_10</p> <p>-----</p> |

| | |
|--|---|
| <p>E !E2.Contains (10) V1 self>=0 M1 Must be higher or equal to 0.</p> | |
| <p>E4_11 - How far away is the nearest bank from the village?</p> <p>I Kilometers. 888 = Don't know. E !E2.Contains (11) V1 self>=0 M1 Must be higher or equal to 0.</p> | <p>NUMERIC: INTEGER E4_11</p> <p>-----</p> |
| <p>E4_12 - How far away is the nearest MFI from the village?</p> <p>I Kilometers. 888 = Don't know. E !E2.Contains (12) V1 self>=0 M1 Must be higher or equal to 0.</p> | <p>NUMERIC: INTEGER E4_12</p> <p>-----</p> |
| <p>E4_13 - How far away is the nearest police station from the village?</p> <p>I Kilometers. 888 = Don't know. E !E2.Contains (13) V1 self>=0 M1 Must be higher or equal to 0.</p> | <p>NUMERIC: INTEGER E4_13</p> <p>-----</p> |
| <p>E4_14 - How far away is the nearest post office from the village?</p> <p>I Kilometers. 888 = Don't know. E !E2.Contains (14) V1 self>=0 M1 Must be higher or equal to 0.</p> | <p>NUMERIC: INTEGER E4_14</p> <p>-----</p> |
| <p>E4_15 - How far away is the nearest internet café from the village?</p> <p>I Kilometers. 888 = Don't know. E !E2.Contains (15) V1 self>=0 M1 Must be higher or equal to 0.</p> | <p>NUMERIC: INTEGER E4_15</p> <p>-----</p> |
| <p>E4_16 - How far away is the nearest NGO office from the village?</p> <p>I Kilometers. 888 = Don't know. E !E2.Contains (16) V1 self>=0 M1 Must be higher or equal to 0.</p> | <p>NUMERIC: INTEGER E4_16</p> <p>-----</p> |
| <p>E4_17 - How far away is the nearest local agriculture ministry office from the village?</p> <p>I Kilometers. 888 = Don't know. E !E2.Contains (17) V1 self>=0 M1 Must be higher or equal to 0.</p> | <p>NUMERIC: INTEGER E4_17</p> <p>-----</p> |
| <p>E4_18 - How far away is the nearest rice or saw mill from the village?</p> <p>I Kilometers. 888 = Don't know. E !E2.Contains (18) V1 self>=0 M1 Must be higher or equal to 0.</p> | <p>NUMERIC: INTEGER E4_18</p> <p>-----</p> |
| | <p>NUMERIC: INTEGER E4_19</p> |

| | |
|--|---|
| <p>E4_19 - How far away is the nearest mobile phone repairing company from the village?</p> <p>I Kilometers. 888 = Don't know. E !E2.Contains (19) V1 self>=0 M1 Must be higher or equal to 0.</p> | <p>-----</p> |
| <p>E4_20 - How far away is the nearest restaurant, tea or coffee shop from the village?</p> <p>I Kilometers. 888 = Don't know. E !E2.Contains (20) V1 self>=0 M1 Must be higher or equal to 0.</p> | <p>NUMERIC: INTEGER E4_20</p> <p>-----</p> |
| <p>E4_21 - How far away is the nearest pagoda, mosque or church from the village?</p> <p>I Kilometers. 888 = Don't know. E !E2.Contains (21) V1 self>=0 M1 Must be higher or equal to 0.</p> | <p>NUMERIC: INTEGER E4_21</p> <p>-----</p> |
| <p>E4_22 - How far away is the nearest EDC office from the village?</p> <p>I Kilometers. 888 = Don't know. E !E2.Contains (22) V1 self>=0 M1 Must be higher or equal to 0.</p> | <p>NUMERIC: INTEGER E4_22</p> <p>-----</p> |

F. SHOCKS AND NATURAL DISASTERS IN THE LAST 12 MONTHS

| | |
|---|--|
| <p>F1 - Did any of the following disasters/shocks take place in the village in the last 12 months?</p> <p>I Multiple answers possible V1 self.ContainsOnly (111) (self.ContainsAny (1,2,3,4,5,6,7,8,9) && !self.Contains (111)) M1 Cannot select any other code with "None".</p> | <p>MULTI-SELECT F1</p> <p>001 <input type="checkbox"/> Drought/irregular rains, prolonged dry spell 002 <input type="checkbox"/> Floods 003 <input type="checkbox"/> Landslides and mudslides 004 <input type="checkbox"/> Unusually high level of crop pests and diseases 005 <input type="checkbox"/> Unusually high level of livestock diseases 006 <input type="checkbox"/> Unusually high level of human disease/epidemic 007 <input type="checkbox"/> Unusually high prices of food 008 <input type="checkbox"/> Unusually high cost of agriculture inputs (seed, fertilizer, etc.) 555 <input type="checkbox"/> Other (specify) 111 <input type="checkbox"/> None</p> |
| <p>F1_other - Other (Specify).</p> <p>E F1.Contains (555)</p> | <p>TEXT F1_other</p> <p>-----</p> |

G. ENERGY/FUEL PRICE IN THE VILLAGE

G. ENERGY/FUEL PRICE IN THE VILLAGE
Roster: FUEL ROSTER
generated by fixed list

FUELROSTER

- 01 LPG
- 02 Electricity
- 03 Wood
- 04 Charcoal
- 05 Kerosene
- 06 Diesel
- 08 Animal waste/dung
- 09 Briquette/pellet

| | |
|--|---|
| <p>G2 - What is the current market price for %rostertitle%?</p> <p>I Riels. 0 = not sold in this village 888 = Don't know V1 self==0 self>=100 M1 Please enter a valid monetary value, higher or equal to 0.</p> | <p>NUMERIC: INTEGER G2</p> <p>-----</p> |
| <p>G3 - DO NOT READ: record the unit for which the price was given.</p> <p>E IsAnswered(G2) && G2!=0 && G2!=888</p> | <p>SINGLE-SELECT G3</p> <p>001 <input type="radio"/> Kilogramme 002 <input type="radio"/> KWh 003 <input type="radio"/> Liter 555 <input type="radio"/> Other</p> |
| <p>G3_other - Other (Specify).</p> <p>E G3==555</p> | <p>TEXT G3_other</p> <p>-----</p> |
| <p>G5 - Is the price for this fuel the same all year long?</p> <p>E IsAnswered(G2) && G2!=0 && G2!=888</p> | <p>SINGLE-SELECT G5</p> <p>00 <input type="radio"/> No 01 <input type="radio"/> Yes</p> |
| <p>G6 - What is the lowest market price for %rostertitle% in a typical year?</p> <p>I Riels. 888 = Don't know E G5==0 V1 self==0 self>=100 M1 Please enter a valid monetary vaue, higher or equal to 0.</p> | <p>NUMERIC: INTEGER G6</p> <p>-----</p> |
| <p>G7 - What is the highest market price for %rostertitle% in a typical year?</p> <p>I Riels. 888 = Don't know E G5==0 V1 self==0 self>=100 M1 Please enter a valid monetary value, higher or equal to 0. V2 G6==888 (IsAnswered(G6) && G6!=888 && self>=G6) M2 Must be higher or equal to %G6% riels.</p> | <p>NUMERIC: INTEGER G7</p> <p>-----</p> |

H. SUPPLY OF ELECTRICITY

| | |
|---|--|
| <p>H1 - What are all the different sources of electricity that are available in this village?</p> <p>I Multiple answers possible</p> | <p>MULTI-SELECT H1</p> <p>001 <input type="checkbox"/> National Grid Connection 002 <input type="checkbox"/> Local Mini Grid 003 <input type="checkbox"/> Diesel/ Gasoline Generator 004 <input type="checkbox"/> Solar Home System 005 <input type="checkbox"/> Solar Lantern/ Lighting System 006 <input type="checkbox"/> Rechargeable Battery 007 <input type="checkbox"/> Dry cell batteries</p> |
|---|--|

| | |
|--|--|
| | 555 <input type="checkbox"/> Other, specify 111 <input type="checkbox"/> No Electric Power |
| H1_OTHER - Specify E H1.Contains(555) | TEXT H1_OTHER |
| H3 - What is the MAIN reason why the village is not connected to the grid? E IsAnswered(H1) && !H1.ContainsAny(1,2) | SINGLE-SELECT H3 001 <input type="radio"/> Grid is not available 002 <input type="radio"/> Households do not want to connect to the grid 003 <input type="radio"/> Utility would not connect village 004 <input type="radio"/> Service Unreliable 005 <input type="radio"/> Administrative procedure is too complicated 006 <input type="radio"/> Submitted application and waiting for connection 555 <input type="radio"/> Other, specify |
| H3_OTHER - Specify E H3==555 | TEXT H3_OTHER |
| H4 - Does the village expect to get grid connection in the next 2 years? E IsAnswered(H1) && !H1.ContainsAny(1,2) | SINGLE-SELECT H4 00 <input type="radio"/> No 01 <input type="radio"/> Yes |

H. SUPPLY OF ELECTRICITY
ACCESS TO GRID OR MINI-GRID

E H1.ContainsAny(1,2)

| | |
|--|---|
| H5 - Who is running the mini-grid system(s) in this village? I Multiple answers possible E H1.Contains(2) | MULTI-SELECT H5 001 <input type="checkbox"/> Individual 002 <input type="checkbox"/> Private firm 003 <input type="checkbox"/> National government 004 <input type="checkbox"/> Municipal/local government 005 <input type="checkbox"/> NGO/Donor 006 <input type="checkbox"/> Village / Cooperative 555 <input type="checkbox"/> Other, specify |
| H5_OTHER - Specify E H5.Contains(555) | TEXT H5_OTHER |
| H6 - What is the name of the local mini grid company? E H1.Contains(2) | TEXT H6 |
| H7 - How many years has the village had this grid connection? I Years. If less than 1 year, record 1. V1 self>=0 M1 Must be higher or equal to 0. | NUMERIC: INTEGER H7 ----- |
| H8 - How much did the village pay to get the grid connection? I In Riels. Refer to any village cost to have the infrastructure installed. 0 = Did not pay 888 = Don't Know. V1 self==0 self>=100 M1 Please enter a valid monetary value, higher or equal to 0. | NUMERIC: INTEGER H8 ----- |

| | |
|--|--|
| <p>H9 - Is grid service available to the whole village or only a part of the community?</p> <p>I Prompt.</p> | <p>SINGLE-SELECT H9</p> <p>01 <input type="radio"/> Entire village</p> <p>02 <input type="radio"/> Most of the village</p> <p>03 <input type="radio"/> Half of the village</p> <p>04 <input type="radio"/> Small part of the village</p> |
| <p>H10 - How many households are connected to the grid?</p> <p>I Number of households</p> <p>V1 self>=0</p> <p>M1 Must be higher or equal to 0.</p> | <p>NUMERIC: INTEGER H10</p> <p>-----</p> |
| <p>H11 - How many businesses are connected to the grid?</p> <p>I Number of businesses</p> <p>V1 self>=0</p> <p>M1 Must be higher or equal to 0.</p> | <p>NUMERIC: INTEGER H11</p> <p>-----</p> |
| <p>H12 - Are there certain months/seasons every year when the village experiences bad electricity service from the grid?</p> | <p>SINGLE-SELECT H12</p> <p>00 <input type="radio"/> No</p> <p>01 <input type="radio"/> Yes</p> |
| <p>H13 - What are the worst months for service from the grid?</p> <p>I Multiple responses are possible. Record all months when village has the lowest number of hours of electricity supply.</p> <p>E H12==1</p> | <p>MULTI-SELECT H13</p> <p>01 <input type="checkbox"/> January</p> <p>02 <input type="checkbox"/> February</p> <p>03 <input type="checkbox"/> March</p> <p>04 <input type="checkbox"/> April</p> <p>05 <input type="checkbox"/> May</p> <p>06 <input type="checkbox"/> June</p> <p>07 <input type="checkbox"/> July</p> <p>08 <input type="checkbox"/> August</p> <p>09 <input type="checkbox"/> September</p> <p>10 <input type="checkbox"/> October</p> <p>11 <input type="checkbox"/> November</p> <p>12 <input type="checkbox"/> December</p> |

H. SUPPLY OF ELECTRICITY / ACCESS TO GRID OR MINI-GRID
WORST MONTHS, IF APPLICABLE

E H12==1

| | |
|---|--|
| <p>H14_1 - Does the village announce the hours of electricity available from the grid in worst month?</p> | <p>SINGLE-SELECT H14_1</p> <p>00 <input type="radio"/> No</p> <p>01 <input type="radio"/> Yes</p> |
| <p>H15_1 - How many hours of electricity are available each day from the grid in worst months?</p> <p>I Hours of supply Code 888 for Don't know.</p> <p>V1 (self>=0 && self<=24) self==888</p> <p>M1 Must be comprised between 0 and 24 hours.</p> | <p>NUMERIC: INTEGER H15_1</p> <p>-----</p> |
| <p>H16_1 - How many hours of electricity are available each evening, from 6:00 pm to 10:00 pm from the grid in worst months?</p> <p>I Hours of supply Code 888 for Don't know.</p> <p>V1 (self>=0 && self<=4) self==888</p> <p>M1 Must be comprised between 0 and 4 hours.</p> <p>V2 H15_1==888 (H15_1<=24 && self<=H15_1)</p> <p>M2 Must be lower or equal to %H15_1% hours.</p> | <p>NUMERIC: INTEGER H16_1</p> <p>-----</p> |

| | |
|--|--|
| <p>H18_1 - In the last 12 months, did the power go out for more than 24 hours in worst months?</p> | <p>SINGLE-SELECT H18_1</p> <p>00 <input type="radio"/> No</p> <p>01 <input type="radio"/> Yes</p> |
| <p>H19_1 - How many days did it take to fix the issue?</p> <p>I Number of days. 0 = Less than one day</p> <p>E H18_1==1</p> <p>V1 self>=0</p> <p>M1 Must be higher or equal to 0.</p> | <p>NUMERIC: INTEGER H19_1</p> <p>-----</p> |

H. SUPPLY OF ELECTRICITY / ACCESS TO GRID OR MINI-GRID
TYPICAL MONTH

| | |
|---|---|
| <p>H14_2 - Does the village announce the hours of electricity available from the grid in a typical month?</p> | <p>SINGLE-SELECT H14_2</p> <p>00 <input type="radio"/> No</p> <p>01 <input type="radio"/> Yes</p> |
| <p>H15_2 - How many hours of electricity are available each day from the grid/mini-grid in a typical month?</p> <p>I Hours of supply Code 888 for Don't know.</p> <p>V1 (self>=0 && self<=24) self==888</p> <p>M1 Must be comprised between 0 and 24 hours.</p> <p>V2 H12==0 (H12==1 && H15_1==888) (H12==1 && H15_1<=24 && self>=H15_1)</p> <p>M2 Must be higher or equal to %H15_1% hours.</p> | <p>NUMERIC: INTEGER H15_2</p> <p>-----</p> |
| <p>H16_2 - How many hours of electricity are available each evening, from 6:00 pm to 10:00 pm from the grid in a typical month?</p> <p>I Hours of supply Code 888 for Don't know.</p> <p>V1 (self>=0 && self<=4) self==888</p> <p>M1 Must be comprised between 0 and 4 hours.</p> <p>V2 H15_2==888 (H15_2<=24 && self<=H15_2)</p> <p>M2 Must be lower or equal to %H15_2% hours.</p> <p>V3 H12==0 (H12==1 && H16_1==888) (H12==1 && H16_1<=4 && self>= H16_1)</p> <p>M3 Must be higher or equal to %H16_1% hours.</p> | <p>NUMERIC: INTEGER H16_2</p> <p>-----</p> |
| <p>H18_2 - In the last 12 months, did the power go out for more than 24 hours in a typical month?</p> | <p>SINGLE-SELECT H18_2</p> <p>00 <input type="radio"/> No</p> <p>01 <input type="radio"/> Yes</p> |
| <p>H19_2 - How many days did it take to fix the issue?</p> <p>I Number of days 0 = Less than one day</p> <p>E H18_2==1</p> <p>V1 self>=0</p> <p>M1 Must be higher or equal to 0.</p> | <p>NUMERIC: INTEGER H19_2</p> <p>-----</p> |
| <p>H20 - What are the most serious problems this village experiences with the grid electricity?</p> <p>I Multiple answers. Record up to 2 responses.</p> <p>V1 self.ContainsOnly(111) (self.ContainsAny(1,2,3,4,5,6,7,555) && !self.Contains(111))</p> <p>M1 Cannot select any other code with "No problem".</p> | <p>MULTI-SELECT H20</p> <p>001 <input type="checkbox"/> Supply shortage/not enough hours of electricity</p> <p>002 <input type="checkbox"/> Low/high voltage problems or voltage fluctuations</p> <p>003 <input type="checkbox"/> Unpredictable interruptions</p> <p>004 <input type="checkbox"/> Too expensive</p> <p>005 <input type="checkbox"/> Do not trust the supplier</p> <p>006 <input type="checkbox"/> Cannot power large appliances</p> <p>007 <input type="checkbox"/> Maintenance/service problems</p> |

| | |
|---|---|
| | 555 <input type="checkbox"/> Other, specify 111 <input type="checkbox"/> No problems |
| H20_OTHER - Specify | TEXT H20_OTHER |
| E H20.Contains (555) | |
| H21 - Over the past 3 years, how has getting access to an electricity connection in your village changed? | SINGLE-SELECT H21 01 <input type="radio"/> Much easier 02 <input type="radio"/> A little easier 03 <input type="radio"/> About the same 04 <input type="radio"/> A little harder 05 <input type="radio"/> Gotten much harder |
| I Read aloud options | |
| H22 - Over the past 3 years, how has the reliability of residential electricity in your village changed? | SINGLE-SELECT H22 01 <input type="radio"/> More reliable, improved 02 <input type="radio"/> About the same 03 <input type="radio"/> Less reliable (worsened) |
| I Read aloud options | |
| H23 - Over the past 3 years, how has the price of using grid electricity in your village changed? | SINGLE-SELECT H23 01 <input type="radio"/> Higher 02 <input type="radio"/> About the same 03 <input type="radio"/> Lower |
| I Read aloud options | |
| H24 - How satisfied are you with the service from the grid electricity? | SINGLE-SELECT H24 01 <input type="radio"/> Very satisfied 02 <input type="radio"/> Somewhat satisfied 03 <input type="radio"/> Neutral 04 <input type="radio"/> Unsatisfied 05 <input type="radio"/> Very unsatisfied |
| I Read aloud options | |

H. SUPPLY OF ELECTRICITY

SOLAR HOME SYSTEMS/SOLAR LIGHTING SYSTEMS

E H1.ContainsAny (4, 5)

| | |
|--|--|
| H26 - What percentage of households use solar home systems/solar lighting systems in this village? | NUMERIC: INTEGER H26 |
| I Percentage V1 self>=0 && self<=100 M1 Must be comprised between 0 and 100%. | |
| H27 - From where do most households in this village purchase solar home systems? | MULTI-SELECT H27 001 <input type="checkbox"/> Purchase from local shops within the village 002 <input type="checkbox"/> Purchase from shops outside the village 003 <input type="checkbox"/> Purchase/lease from private companies 004 <input type="checkbox"/> Purchase/lease from NGOs 005 <input type="checkbox"/> Free 555 <input type="checkbox"/> Other, specify |
| I Multiple responses possible | |
| H27_OTHER - Specify | TEXT H27_OTHER |
| E H27.Contains (555) | |

I. COOKING

| | |
|---|---|
| <p>I1 - What is the most common type of cook stove people use in this village?</p> | <p>SINGLE-SELECT I1</p> <p>01 <input type="radio"/> Stone/ fire stove 02 <input type="radio"/> Other self-built stove 03 <input type="radio"/> Manufactured stove</p> |
| <p>I2 - What is the most common cook stove fuel people use in this village?</p> | <p>SINGLE-SELECT I2</p> <p>001 <input type="radio"/> Kerosene 003 <input type="radio"/> Charcoal 004 <input type="radio"/> Wood 005 <input type="radio"/> Solar 006 <input type="radio"/> Animal Waste/ Dung 007 <input type="radio"/> Crop Residue/ Plant Biomass 008 <input type="radio"/> Saw Dust 010 <input type="radio"/> Biomass Briquette 011 <input type="radio"/> Processed biomass (Pellets)/ Woodchips 013 <input type="radio"/> Biogas 014 <input type="radio"/> LPG/ Cooking gas 016 <input type="radio"/> Electric 017 <input type="radio"/> Garbage/ Plastic 555 <input type="radio"/> Other, specify</p> |
| <p>I2_OTHER - Specify</p> <p>E I2==555</p> | <p>TEXT I2_OTHER</p> <p>.....</p> |
| <p>I3 - Do most households purchase or collect wood fuel?</p> | <p>SINGLE-SELECT I3</p> <p>001 <input type="radio"/> Purchase 002 <input type="radio"/> Collect 003 <input type="radio"/> Both 555 <input type="radio"/> Other, specify 888 <input type="radio"/> Don't know</p> |
| <p>I3_OTHER - Specify</p> <p>E I3==555</p> | <p>TEXT I3_OTHER</p> <p>.....</p> |
| <p>I4 - Do households use improved cook stoves in this village?</p> | <p>SINGLE-SELECT I4</p> <p>00 <input type="radio"/> No 01 <input type="radio"/> Yes</p> |
| <p>I5 - What kind of improved cookstoves do they use?</p> <p>I Select Multiple if applicable E I4==1</p> | <p>MULTI-SELECT I5</p> <p>01 <input type="checkbox"/> 3 stone stove 02 <input type="checkbox"/> Traditional Lao Stove</p> |
| <p>I6 - Do households use LPG/ cooking gas cook stoves in this village?</p> | <p>SINGLE-SELECT I6</p> <p>00 <input type="radio"/> No 01 <input type="radio"/> Yes</p> |
| <p>I7 - Do households use electric cook stoves in this village?</p> | <p>SINGLE-SELECT I7</p> <p>00 <input type="radio"/> No 01 <input type="radio"/> Yes</p> |
| <p>I8 - Are there programs that distribute improved cook stoves in this village or have an outlet in the village?</p> | <p>SINGLE-SELECT I8</p> <p>00 <input type="radio"/> No 01 <input type="radio"/> Yes</p> |
| <p>I9 - Who organizes these distribution programs?</p> <p>E I8==1</p> | <p>SINGLE-SELECT I9</p> <p>001 <input type="radio"/> Government 002 <input type="radio"/> NGO 003 <input type="radio"/> International Donor 004 <input type="radio"/> Private sector</p> |

| | | |
|--|---|-----------|
| | 555 <input type="radio"/> Other, specify | |
| I9_OTHER - Specify | TEXT | I9_OTHER |
| E I9==555 | | |
| I10 - Are there programs that campaign for awareness on the health risks of cook stoves? | SINGLE-SELECT 00 <input type="radio"/> No 01 <input type="radio"/> Yes | I10 |
| I11 - Who organizes these awareness programs? | SINGLE-SELECT 001 <input type="radio"/> Government 002 <input type="radio"/> NGO 003 <input type="radio"/> International Donor 004 <input type="radio"/> Private sector 005 <input type="radio"/> CBO 006 <input type="radio"/> School 007 <input type="radio"/> Health clinic/ Facility 555 <input type="radio"/> Other, specify | I11 |
| E I10==1 | | |
| I11_OTHER - Specify | TEXT | I11_OTHER |
| E I11==555 | | |

J. STREET LIGHTING

| | | |
|---|---|----------|
| J1 - Does your village have any form of street lighting? | SINGLE-SELECT 00 <input type="radio"/> No 01 <input type="radio"/> Yes | J1 |
| J2 - What is the main energy source being used for street lighting in your village? | SINGLE-SELECT 001 <input type="radio"/> National grid connection from (COMPANY) 002 <input type="radio"/> Local mini-grid 003 <input type="radio"/> Solar Stand-Alone System 555 <input type="radio"/> Other, Specify 888 <input type="radio"/> Don't know | J2 |
| E J1==1 | | |
| J2_OTHER - Specify | TEXT | J2_OTHER |
| E J2==555 | | |
| J3 - To what extent is your village covered by street lighting? | SINGLE-SELECT 01 <input type="radio"/> Hardly/None 02 <input type="radio"/> Minor Part 03 <input type="radio"/> Partially 04 <input type="radio"/> Largely 05 <input type="radio"/> Entirely | J3 |
| I Read aloud options | | |
| E J1==1 | | |
| J4 - Who pays for the street lighting? | SINGLE-SELECT 001 <input type="radio"/> Local government 002 <input type="radio"/> Village 003 <input type="radio"/> No payment necessary 555 <input type="radio"/> Other, specify | J4 |
| E J1==1 | | |
| J4_OTHER - Specify | TEXT | J4_OTHER |
| E J4==555 | | |
| J5 - Who is responsible for maintaining the street lights? | SINGLE-SELECT 001 <input type="radio"/> Local government 002 <input type="radio"/> Village | J5 |

| | |
|--|--|
| <p>E J1==1</p> | <p>003 <input type="radio"/> Utility 004 <input type="radio"/> Company that installed the street lights 555 <input type="radio"/> Other, specify 111 <input type="radio"/> Nobody</p> |
| <p>J5_OTHER - Specify</p> <p>E J1==1 && J5==555</p> | <p>TEXT J5 OTHER</p> <p>.....</p> |
| <p>J6 - In a typical night, for how many hours are the street lights on in your village from sunset to sunrise each day?</p> <p>I HOURS E J1==1 V1 self>=0 && self<=24 M1 Must be comprised between 0 and 24 hours.</p> | <p>NUMERIC: INTEGER J6</p> <p>-----</p> |
| <p>J7 - In the last 7 days, have there been significant unscheduled outages/blackouts of street lighting in your village?</p> <p>E J1==1</p> | <p>SINGLE-SELECT J7</p> <p>00 <input type="radio"/> No 01 <input type="radio"/> Yes</p> |
| <p>J8 - How satisfied are you by the brightness of the street lighting service in your village?</p> <p>I Read aloud options E J1==1</p> | <p>SINGLE-SELECT J8</p> <p>01 <input type="radio"/> Very unsatisfied 02 <input type="radio"/> Somewhat unsatisfied 03 <input type="radio"/> Somewhat satisfied 04 <input type="radio"/> Very satisfied</p> |
| <p>J9 - What do you think are the risks/problems with street lighting in your village?</p> <p>I Multiple responses possible E J1==1 V1 self.ContainsOnly(111) (self.ContainsAny(1,2,3,4,5,555) && !self.Contains(111)) M1 Cannot select any other code with "No problems".</p> | <p>MULTI-SELECT J9</p> <p>001 <input type="checkbox"/> Electrocutation 002 <input type="checkbox"/> Poor installation 003 <input type="checkbox"/> Poor maintenance 004 <input type="checkbox"/> Outages/ blackouts of street lighting 005 <input type="checkbox"/> Does not stay on all night 555 <input type="checkbox"/> Other 111 <input type="checkbox"/> No risks/ problems</p> |
| <p>J9_other - Other (Specify).</p> <p>E J9.Contains(555)</p> | <p>TEXT J9 other</p> <p>.....</p> |
| <p>J10 - What are the main problems in your village when street lighting is not working?</p> <p>I [Open ended response] E J1==1</p> | <p>TEXT J10</p> <p>.....</p> |

K - CONTACT DETAILS

| | |
|---|---|
| <p>INTSTOP - Press here when you complete the interview</p> | <p>DATE: CURRENT TIME INTSTOP</p> <p>.....</p> |
| <p>A9 - Press here to record GPS</p> | <p>GPS A9</p> <p>-----</p> <p>N</p> <p>-----</p> <p>W</p> <p>-----</p> |

| | |
|---|---|
| <p>A9 - If tablet GPS is not working please enter x co-ordinate from yellow handheld device</p> <p>I ENTER LIKE XX.XXXXX</p> | <p>A</p> <p>TEXT GPSLAT</p> <p>.....</p> |
| <p>A9 - If tablet GPS is not working please enter y co-ordinate from yellow handheld device</p> <p>I ENTER LIKE XXX.XXXXX</p> | <p>TEXT GPSLONG</p> <p>.....</p> |
| <p>INTCOMMENTS - Enumerators comments.</p> <p>I Type "none" if no comment.</p> | <p>TEXT INTCOMMENTS</p> <p>.....</p> |
| <p>RESULT</p> | <p>SINGLE-SELECT RESULT</p> <p>01 <input type="radio"/> Completed</p> <p>02 <input type="radio"/> Incomplete-respondent termination</p> <p>03 <input type="radio"/> Incomplete-third party interruption</p> <p>04 <input type="radio"/> Respondent refusal</p> <p>05 <input type="radio"/> Parent/ administrator/ husband refusal</p> <p>06 <input type="radio"/> Respondent absent at 2nd appointment</p> <p>07 <input type="radio"/> Cannot interview respondent. e.g. mute/deaf/mental health etc</p> |

APPENDIX A — OPTIONS

[1] A1: A1 - Province

Options: 1: Banteay Meanchey, 2: Battambang, 3: Kampong Cham, 4: Kampong Chhnang, 5: Kampong Speu, 6: Kampong Thom, 7: Kampot, 8: Kandal, 9: Kep, 10: Koh Kong, 11: Kracheh, 12: Mondul Kiri, 13: Otdar Meanchey, 14: Pailin, 15: Phnom Penh, 16: Preah Sihanouk, 17: Preah Vihear, 18: Prey Veng, 19: Pursat, 20: Ratanak Kiri, 21: Siem Reap, 22: Stung Treng, 23: Svay Rieng, 24: Takeo, 25: Tboung Khmum,

[2] A3: A3 - District

Options: 1: Malai, 2: Mongkol Borei, 3: Ou Chrov, 4: Paoy Paet, 5: Phnum Srok, 6: Serei Saophoan, 7: Svay Chek, 8: Thma Puok, 9: Banan, 10: Batambang, 11: Bavel, 12: Koas Krala, 13: Moun Ruessei, 14: Phnum Proek, 15: Rotonak Mondol, 16: Sampov Lun, 17: Sangkae, 18: Thma Koul, 19: Batheay, 20: Chamkar Leu, 21: Cheung Prey, 22: Kampong Cham, 23: Kampong Siem, 24: Kang Meas, 25: Prey Chhor, 26: Srei Santhor, 27: Stung Trang, 28: Baribour, 29: Chol Kiri, 30: Kampong Chhnang, 31: Kampong Tralach, 32: Sameakki Mean Chey, 33: Basedth, 34: Chbar Mon, 35: Kong Pisei, 36: Odongk, 37: Phnum Sruoch, 38: Samraong Tong, 39: Baray, 40: Kampong Svay, 41: Prasat Ballangk, 42: Sandan, 43: Santuk, 44: Stoung, 45: Stueng Saen, 46: Angkor Chey, 47: Banteay Meas, 48: Chhuk, 49: Chum Kiri, 50: Kampong Trach, 51: Kampot, 52: Tuek Chhou, 53: Angk Snuol, 54: Kandal Stueng, 55: Kaoh Thum, 56: Khsach Kandal, 57: Kien Svay, 58: Lvea Aem, 59: Ponhea Lueu, 60: S'ang, 61: Ta Khmau, 62: Damnak Chang'aeur, 63: Kaeb, 64: Srae Ambel, 65: Chetr Borei, 66: Chhloung, 67: Kracheh, 68: Sambour, 69: Pech Chreada, 70: Banteay Ampil, 71: Samraong, 72: Pailin, 73: Sala Krau, 74: Chamkar Mon, 75: Chbar Ampov, 76: Chraoy Chongvar, 77: Dangkao, 78: Doun Penh, 79: Mean Chey, 80: Prampir Meakkakra, 81: Pur SenChey, 82: Russey Chey, 83: Saensokh, 84: Tuol Kouk, 85: Preah Sihanouk, 86: Prey Nob, 87: Choam Ksant, 88: Kuleaen, 89: Preah Vihear, 90: Rovieng, 91: Ba Phnum, 92: Kamchay Mear, 93: Kampong Trabaek, 94: Kanhchriech, 95: Me Sang, 96: Peareang, 97: Peam Chor, 98: Peam Ro, 99: Preah Sdach, 100: Pur Rieng, 101: Sithor Kandal, 102: Svay Antor, 103: Bakan, 104: Krakor, 105: Phnum Kravanh, 106: Pursat, 107: Lumphat, 108: Ou Ya Dav, 109: Veun Sai, 110: Banteay Srei, 111: Chi Kraeng, 112: Kralanh, 113: Prasat Bakong, 114: Puok, 115: Siem Reap, 116: Soutr Nikom, 117: Svay Leu, 118: Siem Bouk, 119: Siem Pang, 120: Stueng Traeng, 121: Kampong Rou, 122: Romeas Haek, 123: Rumduol, 124: Svay Chrum, 125: Svay Rieng, 126: Svay Teab, 127: Angkor Borei, 128: Bati, 129: Doun Kaev, 130: Kaoh Andaet, 131: Kiri Vong, 132: Prey Kabbas, 133: Samraong, 134: Tram Kak, 135: Treang, 136: Dambae, 137: Krouch Chhmar, 138: Memot, 139: Ponhea Kraek, 140: Suong, 141: Tboung Khmum,

[3] A5: A5 - Commune

Options: 1: Ta Kong, 2: Kouk Ballangk, 3: Ruessei Kraok, 4: Changha, 5: Paoy Paet, 6: Phsar Kandal, 7: Ponley, 8: Srah Chik, 9: Ou Ambel, 10: Preah Ponlea, 11: Phkoam, 12: Phum Thmei, 13: Ta Kream, 14: Chamkar Samraong, 15: Kdol Doun Teav, 16: Preaek Preah Sdach, 17: Rotonak, 18: Svay Pao, 19: Ampil Pram Daeum, 20: Boeung Pram, 21: Doun Ba, 22: Kear, 23: Bour, 24: Phlov Meas, 25: Serei Mean Chey, 26: Ou Dambang Pi, 27: Bansay Traeng, 28: Sandaek, 29: Svay Teab, 30: Ta Ong, 31: Sramar, 32: Boeng Kok, 33: Veal Vong, 34: Trean, 35: Sour Kong, 36: Chrey Vi, 37: Baray, 38: Dang Kdar, 39: Tuol Sambuor, 40: Phsar, 41: Peam Chhkaok, 42: Kampong Chhnang, 43: Khsam, 44: Phsar Chhnang, 45: Ta Ches, 46: Peam, 47: Tbaeng Khpos, 48: Pou Angkrang, 49: Rokar Thum, 50: Prey Nheat, 51: Preah Srae, 52: Prey Krasang, 53: Veang Chas, 54: Ta ng Samraong, 55: Thummoda Ar, 56: Trapeang Kong, 57: Chaeung Daeung, 58: Triel, 59: Chey, 60: Sakream, 61: Sala Visai, 62: Sochet, 63: Prasat, 64: Popok, 65: Achar Leak, 66: Champei, 67: Sdach Kong Khang Cheung, 68: Krang Snay, 69: Trapeang Reang, 70: Ang Sophy, 71: Andoung Khmer, 72: Stueng Kaev, 73: Trapeang Thum, 74: Baek Chan, 75: Krang Mkak, 76: Trapeang Veang, 77: Chheu Kmau, 78: Chrouy Ta Kaev, 79: Sampov Pun, 80: Preaek Ampil, 81: Kokir, 82: Preaek Ruessei, 83: Kaoh Chen, 84: Phsar Daek, 85: Roka Khpos, 86: Daeum Mien, 87: Kampong Samnanh, 88: Pong Tuek, 89: Kaeb, 90: Srae Ambel, 91: Bos Leav, 92: Sambok, 93: Kampong Damrei, 94: Preaek Saman, 95: Kracheh, 96: Voadthouk, 97: Bu Sra, 98: Kouk Chak, 99: Koun Kriel, 100: Samraong, 101: Pailin, 102: Ou Andoung, 103: Boeng Keng Kang Ti Bei, 104: Boeng Keng Kang Ti Muoy, 105: Tonle Basak, 106: Tuol Svay Prey Ti Pir, 107: Tuol Tumpung Ti Muoy, 108: Chhbar Ampov Ti Muoy, 109: Chhbar Ampov Ti Pir, 110: Kbal Kaoh, 111: Nirouth, 112: Preaek Aeng, 113: Preaek Pra, 114: Veal Sbov, 115: Chrouy Changvar, 116: Kaoh Dach, 117: Preaek Ta Sek, 118: Dangkao, 119: Phsar Chas, 120: Phsar Kandal Ti Muoy, 121: Phsar Thmei Ti Muoy, 122: Voat Phnum, 123: Boeng Tumpun, 124: Chak Angrae Kraom, 125: Chak Angrae Leu, 126: Stueng Mean chey, 127: Ou Ruessei Ti Buon, 128: Veal Vong, 129: Chaom Chau, 130: Kakab, 131: Kamboul, 132: Trapeang Krasang, 133: Chrang Chamreh Ti Muoy, 134: Kilomaetr Lekh Prammuy, 135: Ruessei Kaev, 136: Tuol Sangkae, 137: Khmuonh, 138: Phnom Penh Thmei, 139: Tuek Thla, 140: Boeng Kak Ti Muoy, 141: Boeng Salang, 142: Phsar Daeum Kor, 143: Phsar Depou Ti Muoy, 144: Tuek L'ak Ti Bei, 145: Tuek L'ak Ti Muoy, 146: Buon, 147: Muoy, 148: Pir, 149: Prey Nob, 150: Choam Ksant, 151: Kuleaen Cheung, 152: Kampon Pranak, 153: Reaksa, 154: Sdau Kaong, 155: Kranhung, 156: Ansaong, 157: Prey Chhor, 158: Chong Ampil, 159: Prey Khnes, 160: Prey Sralet, 161: Ruessei Srok, 162: Peam Mean Chey, 163: Preaek Khsay Kha, 164: Kampong Soeng, 165: Preaek Anteah, 166: Chrey Khmum, 167: Angkor Tret, 168: Boeng Khnar, 169: Trapeang chornng, 170: Kampong Pou, 171: Phteah Rung, 172: Chamraeun Phal, 173: Phteah Prey, 174: Chey Otdam, 175: Saom Thum, 176: Phnum Kok, 177: Tbaeng, 178: Kouk Thlok Kraom, 179: Chanleas Dai, 180: Rong Kou, 181: Ballangk, 182: Trapeang Thum, 183: Lvea, 184: Kouk Chak, 185: Siem Reab, 186: Sla Kram, 187: Svay Dankum, 188: Kien Sangkae, 189: Kantuot, 190: Srae Krasang, 191: Sekong, 192: Stueng Traeng, 193: Prey Thum, 194: Tnaot, 195: Mream, 196: Svay Chek, 197: Chambak, 198: Kruos, 199: Chek, 200: Monourom, 201: Preaek Phtoul, 202: Pot Sar, 203: Roka Khong, 204: Prey Khla, 205: Kampeaeng, 206: Prey Phdau, 207: Khvav, 208: Samraong, 209: Leay Bour, 210: Angk Khnor, 211: Chong Cheach, 212: Seda, 213: Roka Khnor, 214: Rumchek, 215: Kak, 216: Kaong Kang, 217: Suong, 218: Anhchaum, 219: Chob, 220: Roka Po Pram,

[4] A6: A6 - Village

Options: 1: Ta Kong, 2: Char Thmei, 3: Chumteav, 4: Ta Chrueng, 5: Baliley 2, 6: Chan Kiri, 7: Kbal Spean 1, 8: Kbal Spean 2, 9: Ou Chrov, 10: Poay Pet, 11: Phsar Kandal, 12: Prachea Thorm Kaeut, 13: Ponley, 14: Srah Chik, 15: Rong Masin, 16: Preah Ponlea, 17: Yeang, 18: Thmei Lech, 19: Ta Ngaen, 20: Chamkar Samraong Muoy, 21: Kantuot, 22: Ta Pruoch, 23: Preaek Ta Tan, 24: Souphi Pir, 25: Mpye Osakphea, 26: Siem, 27: Boeung Thung, 28: Prey Phnheas, 29: Kear Bei, 30: Ouda, 31: Sek Sak, 32: Kumnor Beng, 33: Dambouk Khpos, 34: Ta Kay, 35: Kampal, 36: Tang Krang, 37: Chamraeun Phal, 38: Andoung Treang, 39: Chrouy Thma, 40: Phum Pir, 41: Paen, 42: Boeng Sang Kaeut, 43: Banteay Rueng, 44: Tuol Bak Koam, 45: Kamphlak, 46: Ou Pir, 47: Tuol Sambuor, 48: Phsar, 49: Anlong Metrei, 50: La Tuek Trei, 51: Ti Muoy, 52: Chong Kaoh, 53: Banteay Meas, 54: Voat Thmei, 55: Chanva riel, 56: Roleang, 57: Kandaol, 58: Prey Sroul, 59: Snao Ti Muoy, 60: Prey Rongjeng, 61: Pou Kaong, 62: Trapeang Chrov, 63: Vihear Khpos, 64: Krang thum, 65: Dei Kraham, 66: Srae Ambel, 67: Ta Aong, 68: Kiri Andaet, 69: Prey Tob, 70: Kien Teak, 71: Ruessei Duoch, 72: Pou Rong, 73: Banteay Yumreach, 74: Sambuor, 75: Krachab, 76: Tonle Neam, 77: Kanlang, 78: Touch, 79: Trapeang Veang, 80: Boeng Thum Khang Kaeut, 81: Tvi Khang t'boung, 82: Anlong Meakprang, 83: Trapeang Chrey, 84: Trach Toul, 85: Angk Popeay, 86: Trapeang Barku, 87: Tuol Svay, 88: Lekh Buon, 89: Preaek Sueng, 90: Preaek Krabau muoy, 91: Chanlak Kraw, 92: Peam Sdei, 93: Ta Pov, 94: Thommeak Treiy, 95: Kaoh Kor, 96: Preaek Ta Pov, 97: Krabaou, 98: Ou Doung, 99: Kaeb, 100: Srae Ambel, 101: Bos Leav Kraom, 102: Boeng Run, 103: Veal Kansaeng, 104: Chheu Teal Phluoh, 105: Voat, 106: Vodthonak, 107: Pu Til, 108: Chheu Slab, 109: Khtum, 110: Phniet, 111: Pul, 112: Pa Hi Choeng, 113: O Andoang, 114: Phum8, 115: Phum2, 116: Phum14, 117: Phum8, 118: Phum4, 119: Daeum Meakkloe, 120: Daeum Chan1, 121: Daeum Slaeng1, 122: Kandal1, 123: Chrouy Ampil 1, 124: Chrouy Ampil 2, 125: Preaek Thum 1, 126: Preaek Sros, 127: Ta Ngov Kandal, 129: Ta Ngov Krom, 130: Chong Preaek 1, 131: Ta Prum, 132: Chrouy Basak1, 133: Ou Andoung1, 134: Preaek Cheang Prum, 135: Phum Ti Pir, 136: Lvea, 137: Preaek Ta Roatn, 138: Khva, 139: Phum6, 140: Phum13, 141: Phum4, 142: Phum3, 143: Chamraeun Phal, 144: Chamraeun Phal1, 145: Kbal Tumnob1, 146: Sansam Kosal 3, 147: Sansam Kosal 4, 148: Tnaot Chrum1, 149: Tnaot Chrum2, 150: Tnaot Chrum3, 151: Tnaot Chrum4, 152: Preaek Ta Long1, 153: Preaek Ta Long2, 154: Tuol Roka1, 155: Tuol Roka2, 156: Preaek Ta Kong2, 157: Preaek Ta Kong3, 158: Preaek Ta Nu, 159: Preaek Ta Nu1, 160: Damnak Thum1, 161: Damnak Thum3, 162: Ruessei1, 163: Trea, 164: Trea1, 165: Trea2, 166: Trea3, 167: Trea4, 168: Phum1, 169: Phum2, 170: Chrey Kaong, 171: Thma Koul, 172: Trapeang Thloeng, 173: Chamkar Ovloek, 174: Ta Ke, 175: Sama ki4, 176: Phum 1, 177: Kraol Kou, 178: Mittakpheap, 179: Tuol Kouk, 180: Tuol Sangkae, 181: Trapeagragthmei, 182: Damnak, 183: Tumnob, 184: Se Pe Se, 185: Trapeang Chhuk, 186: Phum11, 187: Phum8, 188: Phum2, 189: Phum2, 190: Phum7, 191: Phum7, 192: Mondol Muoy, 193: Mondol Pir, 194: Mondol Bei, 195: Prey Nob Bei, 196: Chheu Teal Kong, 197: Kuleaeng Cheung, 198: Samraong, 199: Sanlung Chey, 200: Prey Phda u, 201: Angkrong Ti Pir, 202: Ansaong, 203: A Kreach, 204: Prey Svay, 205: Ruessei Chak, 206: Krang, 207: Ta Pung, 208: Boeng K'ae, 209: Phum Buon, 210: Kandal, 211: Ta Mao, 212: Chrey Khmum, 213: Sraloung Pir, 214: Sakar, 215: Kaoh Kaev, 216: Pou Robang, 217: Chreykrem, 218: Ou Tong, 219: Peal Nheak Pir, 220: Srae Chhuk, 221: Saom Klueng, 222: Phnum Kok Lav, 223: Srah Khvav, 224: Thnal Ta Set, 225: Kambaor, 22

6:Lbaeuk Prei, 227:Sna TeChour 317, 228:Lvea, 229:Chreas, 230:Kouk Beng, 231:Nokor Krau, 232:Teaksen Tboung, 233:Trapeang Seh, 234:Pou, 235:Dak Pou, 236:Thmei, 237:Thnal Chaek, 238:Khnar Krau, 239:Srae Krasang, 240:Ban huoy, 241:Phomrachea Nukol, 242:Prey Sakum, 243:Kandal, 244:Boeng Phe, 245:Popul, 246:Ampov Prey, 247:Lvea, 248:Thmol, 249:Monourom, 250:Angkor, 251:Kleang Sambatt, 252:Chak, 253:Kaev Kamphleung, 254:Ta Pov, 255:Dong, 256:Tram Kol, 257:Svay, 258:Thnong Roleung, 259:Prey Meas, 260:Ponleak, 261:Chi Theang, 262:Phum Ti Pir, 263:Khpob, 264:Sambour, 265:Kandaol Kaong, 266:Cheung Lang, 267:Phum Bei Roy Dob, 268:Ta Trav, 269:Tuol T rea Cheung, 270:Pong Tuek,

[5] **B7: B7 - What is the highest level of education that you have completed?**

Options: 0:Pre-school or no education, 1:Grade 1, 2:Grade 2, 3:Grade 3, 4:Grade 4, 5:Grade 5, 6:Grade 6, 7:Grade 7, 8:Grade 8, 9:Grade 9, 10:Grade 10, 11:Grade 11, 12:Grade 12, 13:Some university, 14:Bachelors or Associates, 15:Masters or Doctorates, 16:Vocational training, 555:Other,

[6] **E2: E2 - Which of the following infrastructures does your village has?**

Options: 1:Pre-primary school / Kindergarten, 2:Primary school, 3:Secondary school/high school, 4:Technical Vocational Training Institution, 5:Bus stop, 6:Private clinic, 7:Government clinic/Public Health Center, 8:Dispensary or pharmacy, 9:Hospital (public or private), 10:Market, 11:Bank branch, 12:Microfinance Institutions (MFIs), 13:Police station, 14:Post office, 15:Internet café, 16:NGOs, 17:Agriculture extension office, 18:Rice or saw mill, 19:Mobile phone charging/repairing service, 20:Restaurant/tea or coffee shop, 21:Pagoda, mosque or church, 22:National Electricity Utility Office, 111:None,

LEGEND

Legend and structure of information in this file

| Name of section | Enabling condition for this section | Type of question, scope | Variable name |
|--|--|---|-----------------------------|
| <p>SECTION 5: OTHER INCOME SOURCES</p> <p>E s4_other_sources_which.Contains(98)</p> | <p>Question title</p> <p>Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur?</p> <p>I This refers to family relations E s3_time_other > 0 V1 s4_re1_leaders_which.Contains(98) M1 Can not be itself V2 (s3_time_other_breeding_advice <= (50 - s3_time_art_insem_advice)) s3_time_other_breeding_advice == 0 M2 This person is not in the list F optioncode != s5_ignored_option_code</p> | <p>Answer options</p> <p>MULTI-SELECT SCOPE: PREFILLED</p> <p>01 <input type="checkbox"/> Community animal health workers 02 <input type="checkbox"/> Private 03 <input type="checkbox"/> Government 04 <input type="checkbox"/> Livestock keepers association 05 <input type="checkbox"/> NGO</p> <p>And 5 other [13]</p> | <p>s4_re1_leaders_other</p> |
| <p>Additional information:</p> <p>"I" – Question instruction "E" – Enabling condition "V1" – Validation condition №1 "M1" – Message for validation №1 "F" – Filter in Categorical questions</p> | <p>Link to full set in appendix</p> | | |

Breadcrumbs

| Type or roster | Roster Title |
|---------------------------------------|--|
| CHAPTER 3 IDENTIFICATION / Roster: | LEADER RELATION DETAILS generated by fixed list: |
| 01 | Ward Livestock Officer |
| 02 | Village Livestock Officer |
| 99 | Other (specify) |

List items