## I. Household Identification

(Team Leader Records)

| | |
|---|---|
| **CVR1A** Changwat | **CVR1A** **[ ]** |
| **CVR1B** Amphoe | **CVR1B** **[ ]** |
| **CVR1C** Tambon | **CVR1C** **[ ]** |
| **CVR1D** Village | **CVR1D** **[ ]** |
| **CVR1E** Household Number | **CVR1E** **[ ]** |
| **CVR1F** Team Number | **CVR1F** **[ ]** |

(Visit Information: Enumerator Records. Record **CVR2D** and **2F** at end of visit.)

| **CVR2A** Enumerator | **CVR2B** Visit # | **CVR2C** Start Time | **CVR2D** End Time | **CVR2E** Day/Month | **CVR2F** Visit Results |
|---|---|---|---|---|---|
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**CVR2F: Visit Results**

1 - completed
3 - partially completed
5 - household refused
7 - no one home
9 - potential respondent could not answer questions satisfactorily
11 - other (specify) **CVR2FO**

| | |
|---|---|
| **CVR2G House number (from survey in 2005)** | **CVR2G** **[ ]** |
| **CVR2H Name of Household Head (from survey in 2005)** | |
| **CVR2I Current house number (from re-survey in 2006)** | **CVR2I** **[ ]** |
| **CVR2J Current household head (from re-survey in 2006)** | |

| **CVR2K Enumerator select code** | **CVR2K** |
|---|---|
| **1-** Household head from survey in 2005 is the same person as the current head of household<br>3- Household head from survey in 2005 is deceased but some members in this household from survey in 2004 still live in this place.<br>5- Household head from survey in 2005 moved out from the village but some members in this household from survey in 2004 still stay in this house.<br>7- Household head from survey in 2005 moved to new house which is in the same village (CVR2G and CVR2I should be different)<br>9- Household head from survey in 2005 is deceased and some members (adults) in this house from survey in 2005 stay in the different house but in the same village.<br>11- Household head from survey in 2005 moved out from the village and some members (adults) in this house from survey in 2005 stay in the different house but in the same village.<br>13- Household head from survey in 2005 is deceased and none of the house members from the survey in 2005 stay in this village.<br>15- Household head from survey in 2005 moved out from the village and none of the house members from the survey in 2005 stay in this village.<br>17- Other reasons but the enumerator can interview this household (specific: CVR2KO1……)<br>19- Other reasons but the enumerator cannot interview this household (specific: CVR2KO2……) | **[ ]** |

| When CVR2K=9 11 13 or 15<br>**CVR4B** Enumerator: How do you define that this household had already moved from this house to another place since the first survey (record name and address of that person) | **CVR4B**<br>**[ XXX ]** |
|---|---|

**Suggestion to skip**

1. If **CVR2K**= 1 3 5 7 or 17 skip to **CVR6**
2. If **CVR2K**= 9 or 11 then interview households in the village that has the most relation to the adult member of the household in the survey 1998 and add to **CVR2L** and **CVR2M** and skip to **CVR6**
3. If **CVR2K**= 13 15 or 19 then the team leader has to choose the new household to replace the previous one and add in **CVR2N**. After that, it means the previous household interview is finished and the team can continue interview the replacement household.

| **CVR2L** Name of the Household head of the new household |
|---|

| **CVR2M** House Number of the new household **(record the house number) skip to CVR6** | **CVR2M**<br>**[ ]** |
|---|---|

| | |
|---|---|
| **CVR2N** The enumerator records the number of this replacement household instead of the previous one.<br>when household interview is finished, you can continue interviewing the replacement household with the new blank questionnaire. | **CVR2N**<br>**[ ]** |

(Interview Information: Field Editor or Team Leader Records. Record **CVR3D**, **CVR3F** and **CVR3G** at end of edit)

| **CVR3A** Editor | **CVR3B** Edit # | **CVR3C** Start Time | **CVR3D** End Time | **CVR3E** Day/Month | **CVR3F** Results | **CVR3G** Action |
|---|---|---|---|---|---|---|
| | | | | | | |
| | | | | | | |
| | | | | | | |

**CVR3F: Edit Results**

1 - ready for data entry
3 - talk to enumerator
5 - sections incomplete
7 - recommend assign replacement household
9 - other (specify) **CVR3FO**

**CVR3G: Action**

1 - send to data entry
3 - set up repeat interview with same household (record sections to be repeated)
5 - assign replacement household (record assigned number of replacement household)
7 - other (specify) **CVR3G0**

| | |
|---|---|
| **CVR4** House Number (part of address) | **CVR4**<br>**[ ]** |

| | |
|---|---|
| **CVR5** Name of Household Head **__ _____** | **CVR5**<br>**[ xxx ]** |
| **CVR5 Translation** _____ | |
| **CVR6** Name of Respondent **_____**<br>(write the name of the person who is answering the questions, if head write "head", also record on household composition sheet.) | **CVR6**<br>**[ xxx ]** |
| **CVR6 Translation** _____ | |
| **CVR7** Relationship of Respondent to Head (also record on household composition sheet) **CVR7O1** _____ **CVR7O2 _____** | **CVR7**<br>**[ ]** |
| **CVR7O1 Translation** _____<br>**CVR7O2 Translation** _____ | |

**CVR7** Relationship Codes

1 - Head
3 - Spouse
5 - Brother or Sister
7 - Son or Daughter
9 - Son or Daughter in law
11 - grandchild
13 - parent
15 - other relation and household member (specify) **CVR7O1**
17 - not household member (specify) **CVR7O2**

| | |
|---|---|
| **CVR8 Enumerator: when you get to the Household Composition Section (page xx), record the household roster number of the respondent here.** | **CVR8**<br>**[ ]** |
| **CVR9** Sex of Respondent (1 - male, 3 - female)<br>(also record on household composition sheet) | **CVR9**<br>**[ ]** |
| **CVR11** What is the current marital status of the household head? | **CVR11**<br>**[ ]** |
| 1 - never married<br>3 - married<br>5 - separated<br>7 - divorced<br>9 - widowed | |
| **CVR13** What is the most convenient phone number to reach you at? | **CVR13**<br>**[ ]** |
| **CVR14** Whose phone number is this?<br><br>1 – this household's phone number<br>3 - phone number of a relative<br>5 - village public phone<br>7 - other | **CVR14**<br>**[ ]** |
| **CVR15**<br>Record | |

## II. Risk Response

Now I would like to ask you some questions about how your household copes with changes in welfare.

| | |
|---|---|
| **RR4** Comparing this past year (June 2005 – May 2006) to the year before that (June 2004 – May 2005), which was the worst year for household income?<br>*(1 – this past year, June 2005 – May 2006, 3 – the year before, June 2004 – May 2005, 5 – income exactly the same in both years. If 3 or 5 skip to **RR11**)* | **RR4** [ ] |
| **RR5** Why? (Record codes for first two that the respondent mentions)<br>**RR5AO** (if other) _____<br>**RR5BO** (if other) _____ | **RR5A** [ ]<br>**RR5B** [ ] |
| **RR5AO Translation** _____<br>**RR5BO Translation** _____ | |
| **RR6** Enumerator: If the answer of RR4 is 3 then ask this question- Was that year (June 2004-May 2005) a bad year for many households in this village or not?<br>Enumerator: If the answer of RR4 is 1 or 5 then ask this question- Was last year (June 2005-May 2006) a bad year for many households in this village or not?<br>(1 - yes, 3 - no) | **RR6** [ ] |

| | |
|---|---|
| 11 - flood | 61 - lower educational expenses |
| 13- not enough rainfall | 63 - lower expenses for some other reason |
| 15- pests destroy crop | 65 - children finish school and go to work |
| 17- crop yield low for some other reason | 67 - children send money home |
| 19- fire destroys house and or equipment | 69 - get a better main job |
| 21 - low price for output | 71 - have an additional occupation |
| 23 - high input prices | 73 - grow a new crop |
| 25 - education expenses are higher | 75 - high price for output |
| 27 - need extra money for ceremony | 77 - good weather for farming |
| 29 - income lower because of retirement | 79 - high crop yield for another reason |
| 31 - high investment costs | 81 - able to borrow |
| 33 - high expenses because of illness | 83 - high land prices |
| 35 - building expenses are higher | 85 - worked more days in current occupation |
| 37 - death in family | 87 - high demand for product |
| 39 - worked fewer days in current occupation | 89 - won lottery |
| 41 - bad year for household business | 91 - other (specify) **RR5AO**, **RR5BO** |
| 43 - lost money from gambling | |
| 45 - unable to repay debts | |

**RR7** What did your household do to get by last year?
**RR7A Spontaneous Responses** (record a 1 in the column next to the responses that the respondent mentions without prompting)
**RR7B Non-Spontaneous Responses** (read all of the responses that the respondent has not mentioned yet. Record a 1 if the respondent did the activity last year)
**RR8 Help with money or goods** (Ask this question only if the respondent has a 1 for any of the actions 9 - 25, or a relevant "other") Was this a gift or does it have to be repaid? If it is not a gift, do you need to repay at a specific time, or whenever you are able? **Codes**: 1 - gift, 3 - repay when able, 5 - repay at a specific time

| | **Household Actions** | **RR7A** not prompted | **RR7B** prompted | **RR8** repay |
|---|---|---|---|---|
| 1 | sell/eat rice in storage | | | NA |
| 2 | spend less on household items, food etc. | | | NA |
| 3 | spend less on inputs | | | NA |
| 4 | sell jewelry | | | NA |
| 5 | sell land | | | NA |
| 6 | work harder than in a normal year | | | NA |
| 7 | do additional occupation | | | NA |
| 8 | use savings | | | NA |
| 9 | get help from government | | | |
| 10 | help from relatives in village (not money) | | | |
| 11 | help with money from relatives in the village | | | |
| 12 | help from relatives out of village (not money) | | | |
| 13 | help with money from relatives out of the village | | | |
| 14 | help from non-relatives in village (not money) | | | |
| 15 | help with money from non-relatives in the village | | | |
| 16 | help from non-relatives out of village (not money) | | | |
| 17 | help with money from non-relatives out of the village | | | |
| 18 | get help from the temple | | | |
| 19 | borrow from BAAC group members | | | |
| 20 | borrow from BAAC | | | |
| 21 | borrow from supplier of inputs in the village | | | |
| 22 | borrow from supplier of input out of the village | | | |
| 23 | borrow from moneylender in village | | | |
| 24 | borrow from moneylender out of village | | | |
| 25 | borrow from village store owner | | | |

| | Household Actions | | RR7A not prompted | RR7B prompted | RR8 repay |
|---|---|---|---|---|---|
| 26 | borrow from village rice bank | | | | NA |
| 27 | borrow from PCG | | | | NA |
| 28 | borrow from Housewife's group | | | | NA |
| 29 | borrow from village fund | | | | NA |
| 30 | borrow from Marketing Demonstration Center | | | | NA |
| 31 | borrow from Agricultural Cooperative | | | | NA |
| 32 | borrow from commercial bank | | | | NA |
| 33 | migrate for less than 6 months for work (some/all of household) | | | | NA |
| 34 | migrate for 6 or more than months for work (some/all of household) | | | | NA |
| 35 | sell livestock or equipment* | | | | NA |
| 36 | other (specify) | **Translation** | | | |
| 37 | | | | | |
| 38 | | | | | |
| 39 | | | | | |
| 40 | | | | | |

Ask the respondent to tell you the first, second and third most important responses.

| **Ranking of Responses** | **RR9A** |
|---|---|
| First most Important | **[ ]** |
| | **RR9B** |
| Second most Important | **[ ]** |
| | **RR9C** |
| Third most Important | **[ ]** |

**Sell Livestock or Equipment**:
(**For people who have a 1 for 35, otherwise skip to RR11**)

| | |
|---|---|
| **RR10A** What did you sell?<br>A – Pigs, B – Cows, C – Buffalo, D – Poultry<br>E – Other **RR10AO _____ RR10AO Translation _____** | **RR10A**<br>**[ ]** |
| **RR10B** Did you sell more/the same/less than in a normal year?<br>1 – more, 3 - same, 5 - less, 7 - in a normal year sell none | **RR10B**<br>**[ ]** |
| **RR10C** Did you sell earlier/same time/later than in a normal year?<br>1 – earlier, 3 - same time, 5 - later, 7 - in a normal year sell none | **RR10C**<br>**[ ]** |
| **RR11** Has your family been affected by the recent turmoil in Thailand's economic circumstances? *(1 – yes, 3 – no. If no skip to **HC1**).* | **RR11**<br>**[ ]** |
| **RR12** How has your family been affected? | |
| **RR12 Translation** | |
| **RR13 Record** | |

## IV. Household Composition

Now I would like to ask you some questions about all of the people who usually live in this house. (Definition of the household: all the people who lived and ate in this house for at least 6 months out of the last 12 months and children who are studying away from home and are supported by members of this household.)

| | |
|---|---|
| **HC1** Total number of household members (Enumerator answer this question after you have found out about all of the household members) | **HC1 [ ]** |

**HC2** Name of household member (write down the name you would call them – their nickname, not their formal name)

**HC3** How is ___ related to the household head?

**HC4** Record the sex of each household member (1 - male, 3 - female)

**HC5** How old was ___ on their last birthday? (If 3 years of age or less, skip to the next person.)

**HC6** Is ___ in school now? (1 - yes, 3 - no)

**HC7** What is the highest grade of school that ___ has completed? (see codes on next page)

**HC8** What is the education system that ____ has attended?

**Enumerator:**
**HC8A:** After you have found out about all of the members of the household who have lived in this house for at least 6 months out of the last 12 months, ask if there are any people who are living in this house now, although they may not have lived in the house for 6 months out of the last 12. Write the names of these people in the table and repeat questions **HC3** – **HC8** for these people. Record a 3 in the column marked **HC8A** for these people. Record a 1 in the column marked **HC8A** for the people who have lived in the household for at least 6 months out of the last 12 months.

**HC8B:** Enumerator uses the table from survey to check if this person is a member family from the 1998 survey or not. 1-yes; 3- no, and this family is not a substitute family (**CVR2K=1-11,17**); 5- no, because this is a substitute family (**CVR2K=13, 15 or 19**).

**HC1:** (After you have found out about the names of all of the household members and the individuals who live in this household not less than 6 months in the last 12 months period in **HC2**, write down the total number of household members above at **HC1** – the data entry program needs this information.

**CVR8:** Once you are done with this section, record the respondent's line number from the first column of the table on page 3 at **CVR8.**)

| # | **HC2** Name | **HC3** Relation | **HC4** Sex | **HC5** Age | **HC6** School | **HC7** Grade | **HC8** Edu-system | **HC8A** 6 months | **HC8B** member |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
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| 17 | | | | | | | | | |
| 18 | | | | | | | | | |
| 19 | | | | | | | | | |
| 20 | | | | | | | | | |

**HC3: Codes for Relationship to Head**

1 - head
3 - spouse
5 - brother or sister
7 - son or daughter
9 - son in law or daughter in-law
11 - grandchild
13 - parent
15 - other relation and household member (specify) HC3O _____

**HC7: Codes for highest grade completed**

| | | | |
|---|---|---|---|
| 1 - no school | 15 - P. 3 | 33 - M or MS 5 | 51 - PWT 1 |
| 3 - not yet enrolled in school | 17 - P. 4 | 35 - M or MS 6 | 53 - PWT 2 |
| | 19 - P. 5 | 37 - M or MS 7 | 55 - Univ. 1 |
| | 21 - P. 6 | 39 - M or MS 8 | 57 - Univ. 2 |
| 5 - A. 1 | 23 - P. 7 | 41 - PWC 1 | 59 - Univ. 3 |
| 7 - A. 2 | 25 - M or MS 1 | 43 - PWC 2 | 61 - Univ. 4 |
| 9 - A. 3 | 27 - M or MS 2 | 45 - PWC 3 | 63 - other |
| 11 - P. 1 | 29 - M or MS 3 | 47 - PWS 1 | |
| 13 - P. 2 | 31 - M or MS 4 | 49 - PWS 2 | |

**Notes:** A.1-A.3 stand for Kindergarten; P.1-P.7 stand for Primary School; MS1-MS8 stand for Secondary School; PWC1-PWC3, PWS1-PWS2, and PWT1-PWT2 stand for Vocational Education. The students can start PWC1 after they finish M3.

**HC8: Codes for educational system**: 1 - either old system, 3 -new, 5-temple

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|---|---|
| **HC9** In the past 12 months, have any family members who had previously migrated away returned to the village? (1 – yes, 3 – no. If no skip to **HC11**.) | |

**Ask these questions to each household relative who returned to the village**
**HC10A** Enumerator: Record number of this person from the household component table. If he/she is not the household member, record NA.
**HC10B** Why did they return?
**HC10C** Where did he/she stay before return to a village? (1-in this house 3- in this village 5- outside this village but in this tambon 7- outside this tambon but in this amphoe 9- outside this amphoe but in this changwat 11- in Bangkok 13- other provinces 15- others. If 13, then continue asking. If others, skip to **HC11**.)
**HC10D** What province (changwat) did he/she stay before return to a village? (use changwat code)

| **HC10A** member no. | **HC10B** why | **HC10C** where | **HC10D** changwat |
|---|---|---|---|
| | | | |

| | |
|---|---|
| **HC11** In the past 12 monts, have any household members left the village? (1 – yes, 3 – no. If no skip to **OC1A**.) | **HC11** **[ ]** |

***Ask these questions to each household relative who left the village***
**HC12A** Enumerator: Record number of this person from the household component table. If he/she is now not the household member, record NA.
**HC12B** Why did they leave?
**HC12C** Where does he/she stay now? (1-in this house 3- in this village 5- outside this village but in this tambon 7- outside this tambon but in this amphoe 9- outside this amphoe but in this changwat 11- in Bangkok 13- other provinces 15- others. If 13, then continue asking. If others, skip to **OC1A**.)
**HC12D** What province (changwat) does he/she stay now? (use changwat code)

| **HC12A** member no. | **HC12B** why | **HC12C** where | **HC12D** changwat |
|---|---|---|---|
| | | | |

## V. Occupation

(Ask these questions about household members who are 11 years or older. Keep the same member numbers as before.)

**Primary Occupation**

**OC1A** What was ___'s primary occupation over the past 12 months?
**[ See Coding Sheet for Codes ]**
(Defn: primary occupation = the occupation that you earned the most from during the past 12 months. If there is not a code write in answer. Be sure to write down the job title – for example someone could work in a bank and be a janitor or a the vice president! If someone works in a factory please record what they make – e.g. toys, wigs, computer chips)

**OC1B** What type of worker is ___ in this job?
**[ See Coding Sheet for Codes ]**
**OC1C** (For wage, salary and government workers only, **OC1B** = 5, 7 or 13) What is ___ 's daily (or monthly, as applicable) wage in this job?
**OC1D** For how many years has __ been doing this type of work? (If someone says they have been doing this work since they were born, record their age minus 10 as the number of years).

**Secondary Occupation**

**OC2A** What was ___'s secondary occupation (if more than one secondary occupation, record the one that the person earned the most from over the past 12 months? (Use code 1 if the person has no secondary occupation, otherwise use the codes for **OC1A**)
**[ See Coding Sheet for Codes ]**
**OC2B** What type of worker is ___ in this job?
**[ See Coding Sheet for Codes ]**

**Village Positions**

**OC3** Which of the following village positions does ___ hold? (record all that apply)
**[ See Coding Sheet for Codes ]**

| | **Primary Occupation** | | | | **Secondary Occupation** | | **Positions** |
|---|---|---|---|---|---|---|---|
| # | **OC1A** Occupation | **OC1B** type | **OC1C** wage | **OC1D** years | **OC2A** Occupation | **OC2B** type | **OC3** Position |
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**OC1A, OC2A: Codes for Occupation**
**[ See Coding Sheet for Codes ]**

**OC1B, OC2B: Codes for worker type**
**[ See Coding Sheet for Codes ]**

**OC3: Codes for Village or Tambon Positions**
**[ See Coding Sheet for Codes ]**

**Companies**

| | |
|---|---|
| **OC3A** Currently, are there any household member who work with company or factory or used to work with company or factory in the last 12 months? (1-yes 3-no if no, skip to **KH1**) | **OC3A** **[ ]** |

**OC3B** Enumerator: record number of each household member who works with company or factory in the table below.
**OC3C** What is the name of this company?
**OC3D** What does this company/factory do?
**OC3E** Where is the company located? (1-in this house 3- in this village 5- outside this village but in this tambon 7- outside this tambon but in this amphoe 9- outside this amphoe but in this changwat 11- in Bangkok 13- other provinces 15- others. If 13, then continue asking. If others, skip to **OC3G**.)
**OC3F** Which province (changwat) is the company located in?
**OC3G** Currently, does this person work with this company/factory or not? (1-yes 3-no if yes, skip to ask next member. If yes and this is the last person, skip to KH1)
**OC3H** Why did he/she leave this company? 1-end the contract 3-lay off 5-resign 7-the company/factory was closed 9-others (specific)

| **OC3B** # | **OC3C** Company | **OC3D** Business type | **OC3E** Where | **OC3F** Province | **OC3G** Current | **OC3H** Why |
|---|---|---|---|---|---|---|
| | | | | | | |

| **OC4 Enumerator Notes** |
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## VII. Children Living Outside the House

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| **KH1** How many children of the head and/or the spouse live outside the house? (If none skip to **RP8**) | **KH1** **[ ]** |

**KH2** (If the child was included in the household roster on page 5, then record that number in the first column of the table below and skip to **KH8** . If the child was not included on the roster then write down XX. Please take this opportunity to determine if the child should be included in the household roster, or not. I.e. did the child live in the house for 6 or more months of the last 12, or if they haven't lived in the house for 6 of the last 12 months, are they in school and supported by members of the household?)
**KH3** What is ___'s name? (Write down their nickname)
**KH4** What was ___'s age at their last birthday?
**KH4A** What is __'s sex? (1 – male, 3 – female)
**KH5** What is the highest grade of school that ___ has completed?
**KH6** What is ___'s primary occupation?
**[ See Coding Sheet for Codes ]**
**KH7** What type of worker are they in this job?
**[ See Coding Sheet for Codes ]**
**KH8** Where does ___ live? (Record Changwat Code)
**KH9** How many times did ___ send you money during the past 12 months?
**KH10** Approximately how much money did __send you in **total** over the past 12 months?
**KH11** How many times did you send __ money during the past 12 months?
**KH12** Approximately how much money did you send ___ in **total** over the past 12 months?

| # | **KH3** name | **KH4** age | **KH5** school | **KH6** job | **KH7** type | **KH8** where |
|---|---|---|---|---|---|---|
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| # | **KH9** send # | **KH10** send $ | **KH11** sent # | **KH12** sent $ |
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**KH5: Codes for highest grade completed**

| | | | |
|---|---|---|---|
| 1 - no school | 15 - P. 3 | 33 - M or MS 5 | 51 - PWT 1 |
| 3 - not yet enrolled in school | 17 - P. 4 | 35 - M or MS 6 | 53 - PWT 2 |
| | 19 - P. 5 | 37 - M or MS 7 | 55 - Univ. 1 |
| | 21 - P. 6 | 39 - M or MS 8 | 57 - Univ. 2 |
| 5 - A. 1 | 23 - P. 7 | 41 - PWC 1 | 59 - Univ. 3 |
| 7 - A. 2 | 25 - M or MS 1 | 43 - PWC 2 | 61 - Univ. 4 |
| 9 - A. 3 | 27 - M or MS 2 | 45 - PWC 3 | 63 - other |
| 11 - P. 1 | 29 - M or MS 3 | 47 - PWS 1 | |
| 13 - P. 2 | 31 - M or MS 4 | 49 - PWS 2 | |

**Notes:** A.1-A.3 stand for Kindergarten; P.1-P.7 stand for Primary School; MS1-MS8 stand for Secondary School; PWC1-PWC3, PWS1-PWS2, and PWT1-PWT2 stand for Vocational Education. The students can start PWC1 after they finish M3.

**KH6 Codes for Occupation**
**[ See Coding Sheet for Codes ]**

**KH7: Codes for worker type**
**[ See Coding Sheet for Codes ]**

**KH8: Codes for Changwat**
(get these from SES or CDD)

## VIII. Residential Patterns

**Head or Spouse's Parents out of the tambon**

| | |
|---|---|
| **RP8** Are the head or the spouse's mother and/or father alive and living outside of this tambon? (1 – yes, 3 – no. If no skip to **RP14A**) | **RP8** **[ ]** |

**Codes: 1 - yes, 3 - no**

| | |
|---|---|
| **RP9** In the past 12 months, have you or anyone in your household shared rice with the head or spouse's parents? | **RP9** **[ ]** |
| **RP10** In the past 12 months, have the head or spouse's parents shared rice with you or anyone else in your household? | **RP10** **[ ]** |
| **RP11** In the past 12 months, have you or anyone in your household helped the head or the spouse's parents with free labor | **RP11** **[ ]** |
| **RP12** In the past 12 months, have the head or spouse's parents helped you or anyone in your household with free labor? | **RP12** **[ ]** |
| **RP13** In the past 12 months, have you or anyone in your household helped the head or spouse's parents with money? | **RP13** **[ ]** |
| **RP14** In the past 12 months, have the head or spouse's parents helped you or anyone in your household with money? | **RP14** **[ ]** |

**Head and Spouse's Relatives in the village and the tambon**

| | |
|---|---|
| **RP14A** Do the head or the spouse have any relatives (including parents and children) who live in this village or in this tambon, but not in this house? (1 – yes, 3 – no. If no skip to **RP22**) | **RP14A** **[ ]** |

**Codes: 1 - yes, 3 - no**

| | |
|---|---|
| **RP15** In the past 12 months, has anyone in your house shared rice with any of your relatives who live in the village or the tambon? | **RP15** **[ ]** |
| **RP16** In the past 12 months have any of your relatives who live in the village or tambon shared rice with any of the people who live in this house? | **RP16** **[ ]** |
| **RP17** In the past 12 months, has anyone in your house done labor exchange with any your relatives who live in the village or tambon? | **RP17** **[ ]** |
| **RP18** In the past 12 months, has anyone in your house let any of your relatives who live in the village or tambon use farm equipment owned by people in this house for free? | **RP18** **[ ]** |
| **RP19** In the past 12 months, has anyone in your house gotten free use of farm equipment owned by the relatives who live in the village or tambon? | **RP19** **[ ]** |
| **RP20** In the past 12 months, has anyone in your house helped any of the relatives who live in the village or the tambon with money? | **RP20** **[ ]** |
| **RP21** In the past 12 months have any of the relatives who live in the village or the tambon helped anyone in this house with money? | **RP21** **[ ]** |

**Non - Relatives Inside the Village and Tambon**
**Codes: 1 - yes, 3 - no**

| | |
|---|---|
| **RP22** In the past 12 months, have you or anyone in your household shared rice with non-relatives in the village or the tambon? | **RP22 [ ]** |
| **RP23** In the past 12 months, have any non-relatives in the village or the tambon shared rice with you or anyone else in your household | **RP23 [ ]** |
| **RP24** In the past 12 months, have you or anyone in your household helped non-relatives in the village or the tambon with free labor? | **RP24 [ ]** |
| **RP25** In the past 12 months, have any non-relatives in the village or the tambon helped you or anyone in your household with free labor? | **RP25 [ ]** |
| **RP26** In the past 12 months, have you or anyone in your household let non-relatives in the village or the tambon use farm equipment for free? | **RP26 [ ]** |
| **RP27** In the past 12 months, have any non-relatives in the village or the tambon let you or anyone in your household use farm equipment for free? | **RP27 [ ]** |
| **RP28** In the past 12 months, have you or anyone in your household helped non-relatives in the village or the tambon with money? | **RP28 [ ]** |
| **RP29** In the past 12 months, have any non-relatives in the village or the helped you or anyone in your household with money? | **RP29 [ ]** |

## XI. Household Assets

**HA2** Does anyone who usually lives in this household own ____ ? If so, how many? (record 0 if none, the number owned otherwise. For multiple items – use the extra lines on the table to record the information for each item. "Other" items must cost at minimum 1,000 Baht)

**HA3** Have you acquired any ___ in the past 12 months? For example, have you bought or been given any ___? (1 – yes, 3 – no. If no skip to next asset. If last asset skip to **HA6**.)

**HA4** What is the total value of the ___ you acquired?

**HA4A** How did you get the money to buy this item? (Record all that apply. If there is only one source of money then skip to next asset. If last asset skip to **HA6**. **[ See Coding Sheet for Codes ]**

**HA4B** What was the largest source of the money to buy this item?

**HA5** How much money came from this source?

| **HA1** Assets | **HA2** # | **HA3** In? | **HA4** Value | **HA4A** source | **HA4B** source | **HA5** amount |
|---|---|---|---|---|---|---|
| 1. TV - Color | | | | | | |
| 2. VCR | | | | | | |
| 3. Air Conditioner | | | | | | |
| 4. Regular Telephone | | | | | | |
| 5. Cellular Telephone | | | | | | |
| 6. Refrigerator | | | | | | |
| 7. Motorcycle | | | | | | |
| 8. Car | | | | | | |
| 9. Pick-up Truck | | | | | | |
| 10. Long Tail Boat w/ motor (rua haan yao) | | | | | | |
| 11. Large fishing boat (rua lark) | | | | | | |
| 12. Washing Machine | | | | | | |
| 13. Gas Stove | | | | | | |
| 14. Bicycle | | | | | | |
| 15. Stereo | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

**HA6** Have you gotten rid of any __ in the past 12 months? For example, have you sold, given away or retired any __ because they were too old? (1 – yes, 3 – no. If no skip to next asset. If last asset go to **FA1**)
**HA7** What is the total value of the ___ you got rid of?
**HA8** Why did you get rid of this (or these) items?

| **HA1** Assets | **HA6** rid | **HA7** value | **HA8** why |
|---|---|---|---|
| 1. TV - Color | | | |
| 2. VCR | | | |
| 3. Air Conditioner | | | |
| 4. Regular Telephone | | | |
| 5. Cellular Telephone | | | |
| 6. Refrigerator | | | |
| 7. Motorcycle | | | |
| 8. Car | | | |
| 9. Pick-up Truck | | | |
| 10. Long Tail Boat w/ motor (rua haan yao) | | | |
| 11. Large fishing boat (rua lark) | | | |
| 12. Washing Machine | | | |
| 13. Gas Stove | | | |
| 14. Bicycle | | | |
| 15. Stereo | | | |
| 16 | | | |
| 17 | | | |
| 18 | | | |
| 19 | | | |
| 20 | | | |

## XII. Agricultural Assets

**FA1** Is this household involved in agricultural activities? **FA1**
(1 - yes, 3 - no) **[ ]**
(If no skip to **FA4**. Agricultural activities include rice farmer, other crop, shrimp, chicken, pigs, other livestock, orchards, etc. The agricultural activity does not have to be the primary occupation of anyone in the household)

**FA2** What type of agricultural activity or activities is this household involved in? (List all that apply) **FA2O** **FA2** **[ ]**
_____

**FA2O Translation** _____

| | |
|---|---|
| A - rice farming | G - growing another crop |
| B - corn farming | H - raising livestock: chicken or duck |
| C - shrimp farming | I - raising livestock: pig, cow or buffalo |
| D - raise fish other than shrimp | J - working as a farm laborer |
| E - orchard farming | K - other (specify) **FA2O** |
| F - vegetable farming | |

(Please record the answers to the following questions on the table on the next page.)
**FA4** Does anyone who usually lives in this household own ____ ? If so, how many? (record 0 if none, the number owned otherwise. If the household owns multiple items – walking tractors, for example – use the extra lines on the table to record the information for each walking tractor. Other items – lines 12 and higher should cost at least 1000B)
**FA5** Have you acquired any ___ in the past 12 months? For example, have you bought or been given any ___? (1 – yes, 3 – no. If no go to next asset. If last asset skip to **FA7**.)
**FA6** What is the total value of the ___ you acquired?
**FA6A** How did you get the money to buy this item? (Record all that apply. If there is only one source of money then skip to next asset. If last asset skip to **FA7**. **[ See Coding Sheet for Codes ]**
**FA6B** What was the largest source of the money to buy this item?
**FA6C** How much money came from this source?

| **FA3** Assets | **FA4** # | **FA5** In? | **FA6** Value | **FA6A** Source of fund | **FA6B** Largest source | **FA6C** amount |
|---|---|---|---|---|---|---|
| 1. Walking Tractor | | | | | | |
| 2. Large four-wheel tractor | | | | | | |
| 3. Small four-wheel tractor | | | | | | |
| 4. Set: machine to put in seeds, pesticides for preventing grass, machine to mix fertilizer and soil | | | | | | |
| 5. sprinkler | | | | | | |
| 6. threshing machine | | | | | | |
| 7. rice mill | | | | | | |
| 8. crop storage buildings | | | | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 9. large chicken coop | | | | | | |
| 10. other large buildings for livestock | | | | | | |
| 11. Other important assets that are used in farming | | | | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | | | | | | |
| 17 | | | | | | |
| 18 | | | | | | |
| 19 | | | | | | |
| 20 | | | | | | |

**FA7** Have you gotten rid of any __ in the past 12 months? For example, have you sold, given away or retired any __ because they were too old? (1 – yes, 3 – no. If no skip to next asset. If last asset go to **FA8**)
**FA7A** What is the total value of the ___ you got rid of?
**FA7B** Why did you get rid of this (or these) items?

| **FA3**<br>Assets | **FA7**<br>Out? | **FA7A**<br>Value | **FA7B**<br>Why |
|---|---|---|---|
| 1. Walking Tractor | | | |
| 2. Large four-wheel tractor | | | |
| 3. Small four-wheel tractor | | | |
| 4. Set: machine to put in seeds, pesticides for preventing grass, machine to mix fertilizer and soil | | | |
| 5. sprinkler | | | |
| 6. threshing machine | | | |
| 7. rice mill | | | |
| 8. crop storage buildings | | | |
| 9. large chicken coop | | | |
| 10. other large buildings for livestock | | | |
| 11. Other important assets that are used in farming | | | |
| 12 | | | |
| 13 | | | |
| 14 | | | |
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| 16 | | | |
| 17 | | | |
| 18 | | | |
| 19 | | | |

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|---|---|---|---|
| 20 | | | |

| | |
|---|---|
| **FA8A** How many shrimp or fish ponds for raising adult shrimp or fish (i.e. **only the big ponds, not the little ones for breeding**!) does this household own? (If none, skip to **FA14**) | **FA8A [ ]** |
| **FA8B** How many new shrimp or fish ponds for raising adult shrimp or fish has the household acquired in the **past 12 months**? (If none, skip to **FA14**) | **FA8B [ ]** |

(Please ask the following questions about fish or shrimp pond acquired in the **past 12 months** and record the answers in the table below.)

**FA9** How big is this pond? (Record the answer in rai)

**FA10** Is this a shrimp or a fish pond? (1 - shrimp, 3 - fish, 5 - shrimp and fish pond, 7 - other)

**FA11** For how many months has this pond been operating?

**FA12** How much did it cost to build this pond?

**FA13** How did you get the money to buy this item? (Record all that apply. If there is only one source of money then skip to the next pond. If last pond skip to **FA14**. **[ See Coding Sheet for Codes ]**

**FA13A** What was the largest source of the money to build this pond?

**FA13B** How much money came from this source?

| Pond | **FA9** How big | **FA10** Shrimp/fish | **FA11** Months | **FA12** Cost | **FA13** Source of fund | **FA13A** Largest source | **FA13B** Amount |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
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**FA13: Codes for where the money came from**
**[ See Coding Sheet for Codes ]**

**FA14** How many ___ does the household own? Write down 0 if the household doesn't own any or if they own fewer than 50 chicken or ducks.
**FA15** What is the current value of all of these _____ together?

| Animal | **FA14** number | **FA15** value |
|---|---|---|
| Cows | | |
| Buffalo | | |
| Pig | | |
| Chicken (if ≥ 50) | | |
| Ducks (if ≥ 50) | | |

| | |
|---|---|
| **FA16** If you could increase the size of your farm (or the scale of your livestock and/or shrimp operations) do you think it would be more profitable? (1 - yes, 3 - no) If no skip to **BA1A.** | **FA16** **[ ]** |
| **FA17A** (If answer yes in FA16) What stops you from increasing the size of your farm? What are the main barriers or obstacles to increasing the size of your farm? (Coded response, record all that apply) | **FA17A** **[ ]** |
| A - Not enough land<br>B - Not enough labor to hire<br>C - Not enough time<br>D - Not enough money to hire labor<br>E - Not enough money to buy equipment<br>F - Not enough money to buy land<br>G - Demand for product is too low<br>H - Price of product is too low<br>I - Other (record in **FA17B**) | |
| **FA17B** (If yes) Open response. Use this space to add details to the answers given above. Probe about why they can't or do not want to borrow the necessary funds.<br>_____<br>_____<br>_____ | **FA17B** **[ xxx ]** |
| **FA17B Translation**<br>_____<br>_____<br>_____ | **FA17B** **[ xxx ]** |
| **FA 18 Enumerator notes**<br>_____<br>_____<br>_____ | |

## XIII. Household Business

| | |
|---|---|
| **BA1A** In the past 12 months, have you decided to stop running any household businesses for any reason? *(1- yes, 3 – no, all household business are still operating, 5 – no, didn't have any household business. If 3 or 5 skip to* **BA1C1***)* | |
| **BA1B** What type of business are you no longer running? *(Use the codes for* **BA3***, below).* | |
| **BA1C** Why is this business no longer operating? | |
| **BA1C Translation** | |
| **BA1C1** Besides businesses that you may have stopped operating in the past 12 months, or businesses that you currently own all or part of, have you ever owned a business or part of a business? (1 - yes, 3 - no. Include Shrimp or Fish Farms. If no, skip to **BA1C7**.) | **BA1C1** **[ ]** |
| **BA1C2** What type of business did you own all or part of? (If the household has owned more than one business in the past, find out about the most recent one. Use codes for **BA3**, below.) | **BA1C2** **[ ]** |
| **BA1C3** In what year did you start this business? | **BA1C3** **[ ]** |
| **BA1C4** In what year did you cease to own or close this business? | **BA1C4** **[ ]** |
| **BA1C5** What happened to this business?<br>1 - sold business<br>3 - gave business away<br>5 - closed business<br>7 - other | **BA1C5** **[ ]** |
| **BA1C6** Why did you ____ (enumerator: fill in answer from **BA1C5**) this business? For example: why did you close this business? | |
| **BA1C6 Translation** | |
| **BA1C7** Did either the head or the spouse's parents ever own all or part of a business? (1 - yes, 3 - no. Include shrimp or fish farms. If no, skip to **BA1D**.) | **BA1C7** **[ ]** |
| **BA1C8** What type of business did they own? (Use codes from **BA3**, below. If both the head and the spouse's parents owned business, please record the information for the head's parent's business. If the head's parents owned multiple businesses, record the information for the most recent business.) | **BA1C8** **[ ]** |
| **BA1C9** Did the head or the spouse inherit all or part of a business from either of their parents? (1 - yes, 3 – no.) | **BA1C9** **[ ]** |
| **BA1D** Does anyone in this household currently own a business or part of a business? (1 - yes, 3 - no. If no, skip to **LA4. Include Shrimp or Fish Farms!**) | **BA1D** **[ ]** |

| | |
|---|---|
| **BA2** If yes, how many businesses does this household own all or a part of? | **BA2 [ ]** |
| **BA3** What type of business does this household own all or a part of? (List up to four. If the household owns more than four businesses, list the four with the highest revenues.) | **BA3A [ ] BA3B [ ] BA3C [ ] BA3D [ ]** |

| | | |
|---|---|---|
| **BA3AO1 _____**<br>**BA3AO2 _____**<br>**BA3BO1 _____**<br>**BA3BO2 _____** | **BA3CO1 _____**<br>**BA3CO2 _____**<br>**BA3DO1 _____**<br>**BA3DO2 _____** | |

| | |
|---|---|
| **BA3AO1 Translation _____**<br>**BA3AO2 Translation _____**<br>**BA3BO1 Translation _____**<br>**BA3BO2 Translation _____** | **BA3CO1 Translation _____**<br>**BA3CO2 Translation _____**<br>**BA3DO1 Translation _____**<br>**BA3DO2 Translation _____** |
| 1 - shop<br>3 - mechanic/repair shop<br>5 - hair salon/barber<br>7 - rice miller<br>9 - shrimp farmer<br>11 - fish farmer | 13 – shrimp and fish farmer<br>15 – pickup rental service<br>17 – trader (specify what is traded)<br>**BA3AO1**<br>19 – restaurant/noodle shop<br>21 – other (specify) **BA3AO2** |

**Ask questions BA4 – BA31 for business #1 (recorded in BA3A above).**
**If the household has more than one business please use the extra business forms.**
**Ask questions BB4 – BB31 for business #2 (recorded in BA3B above).**
**Ask questions BC4 – BC31 for business #3 (recorded in BA3C above).**
**Ask questions BD4 – BD31 for business #4 (recorded in BA3D above).**

**Household Business #1**

| | |
|---|---|
| **BA4** How many years has this business been in existence? | **BA4** **[ ]** |
| **BA5** Where did the idea to start the business come from? | **BA5** **[ ]** |
| 1 – household member<br>3 – government organization (specify) **BA5O1**<br>5 - non-government organization (specify) **BA5O2**<br>7 – company who sells input<br>9 - books<br>11 - observing someone else<br>13 - television program<br>15 - commercial advertisement<br>17 - other (specify) **BA5O3** | |
| **BA6** Do you, or members of your household own all of the business? (1 – yes, 3 - no; If yes, skip to **BA8B**) | **BA6** **[ ]** |
| **BA7** What percentage is owned by this household? | **BA7** **[ ]** |
| **BA8A** Who else owns this business? (get details about relationship, etc.)<br>_____<br>_____<br>_____ | **BA8A** **[ xxxx ]** |
| **BA8A Translation**<br>_____<br>_____<br>_____ | **BA8A** **[ xxxx ]** |
| **BA8B** Over the past 12 months, have there been any changes in the ownership of this business (for example changes in the number of partners or their ownership shares? (1 – yes, 3 – no. If no skip to **BA9**.) | **BA8B** **[ ]** |
| **BA8C** Please describe the changes in the ownership of this business. | |
| **BA8C Translation** | |
| **BA9** How many people altogether worked in this business for at least 6 months of the last 12 months regardless of whether they were paid or not? | **BA9** **[ ]** |
| **BA10** How many of these people are members of the household? | **BA10** **[ ]** |
| **BA11** During the past 12 months, has this business paid anyone in cash or in kind to work here? (1 - yes, 3 - no, if no skip to **BA15A**) | **BA11** **[ ]** |
| **BA12** How many workers were paid? | **BA12** **[ ]** |
| **BA13** What was the lowest daily wage that you paid to anyone over the past 12 months? | **BA13** **[ ]** |
| **BA14** What was the highest daily wage that you paid to anyone over the past 12 months? | **BA14** **[ ]** |
| **BA15A** Did you have any problems with this business over the past 12 months?<br>(1 – yes, 3 - no. If no skip to **BA16**) | **BA15A** **[ ]** |

| | |
|---|---|
| **BA15B** What were the problems that you had over the past 12 months? | |
| **BA15B** Translation | |
| **BA15C** Why did these problems occur? | |
| **BA15C** Translation | |

**BA16** What major machinery, equipment, inventory, buildings and other assets are required for the household's business? (Write the assets in column one of the table below. By "major" we mean assets that cost at least 1000 Baht.)

**BA17** How many _____ (ask about the assets identified in **BA16**) does the household own? (If the household owns more than one of an asset then use multiple lines in the table to record the information about how each of the items were acquired etc. Be sure to ask if any part of the house is used as working space etc.)
**BA18** How much did this ___ (name asset) cost?
**BA19** How did you get the money to buy this item? (Record all that apply. If there is only one source of money then skip to **BA20**.) **[ See Coding Sheet for Codes ]**
**BA19A** What was the largest source of the money to buy this item?
**BA19B** How much money came from this source?
**BA20** For how many years has the household owned this item?

| **BA16** Assets | **BA17** # | **BA18** Cost | **BA19** source | **BA19A** source | **BA19B** amount | **BA20** years |
|---|---|---|---|---|---|---|
| 1. | | | | | | |
| 2. | | | | | | |
| 3. | | | | | | |
| 4. | | | | | | |
| 5. | | | | | | |
| 6. | | | | | | |
| 7. | | | | | | |
| 8. | | | | | | |
| 9. | | | | | | |
| 10. | | | | | | |
| 11. | | | | | | |
| 12. | | | | | | |
| 13. | | | | | | |
| 14. | | | | | | |
| 15. | | | | | | |

**Additional Start-up Capital**

| | |
|---|---|
| **BA21A** Was this business founded in the past 12 months? (1 – yes, 3 – no. If no go to **BA26**) | **BA21A [ ]** |
| **BA21B** Why did you decide to establish this business when you did? | |
| **BA21B Translation** | |
| **BA22** Besides the funds that you needed to buy the assets that were necessary to start your business did you need any additional funds to start your business? (1 - yes, 3 - no. If no skip to **BA26**) | **BA22 [ ]** |
| **BA23** What did you need the additional funding for? _____ _____ _____ | **BA23 [ xxx ]** |
| **BA23 Translation** _____ _____ | **BA23 [ xxx ]** |
| **BA24** How much additional funding did you need? (indicate total amount in Baht) | **BA24 [ ]** |
| **BA25** How did you get this additional funding (<u>indicate amount in Baht by source</u>) | **BA25** |
| 1 - cash that had been saved up | **[ ]** |
| 2 - with cash that was raised from selling land or other assets | **[ ]** |
| 3 - credit from store | **[ ]** |
| 4 - funds borrowed from Commercial Bank | **[ ]** |
| 5 - funds borrowed from BAAC | **[ ]** |
| 6 - funds borrowed from Agricultural Cooperative | **[ ]** |
| 7 - funds borrowed from PCG | **[ ]** |
| 8 - funds borrowed from other organization (specify) **BA25O1** | **[ ]** |
| 9 - funds borrowed from relatives | **[ ]** |
| 10 - funds borrowed from non-relatives | **[ ]** |
| 11 - funds borrowed from moneylender | **[ ]** |
| 12 - gift | **[ ]** |
| 13 - from employer | **[ ]** |
| 14 - other (specify) **BA25O2** | **[ ]** |
| **BA25O1 _____** **BA25O1 Translation _____** | |
| **BA25O2 _____** **BA25O2 Translation _____** | |

**Scale of Business**

| | |
|---|---|
| **BA26** If you could increase the size of your business do you think it would be more profitable? (1 - yes, 3 – no. If no skip to **BA28**.) | **BA26 [ ]** |
| **BA27A** (If yes) What stops you from increasing the size of your business? What are the main barriers or obstacles to increasing the size of your business?_____ | **BA27A [ xxx ]** |
| **BA27A Translation** _____ | **BA27A [ xxx ]** |
| **BA27B** Probe about why they can't or do not want to borrow the necessary funds. _____ | **BA27B [ xxx ]** |
| **BA27B Translation** _____ | **BA27B [ xxx ]** |

**BA28** Comparing the past 12 months to the 12 months before that have there been any changes in any of the following? (1 – yes, 3 - no, 5 – not an issue for this business. Enumerator: ask for each issue listed in the table below. If the answer is 3 or 5 go on to the next issue. If it is the last issue, go to **LA4**.

**BA29** Please describe the change. Did ___ 1 – increase or 3 – decrease?

**BA30** What do you think is the reason for this change?

**BA31** How has this change affected this business?

| | **Issue** | **BA28** change | **BA29** up/down | **BA30** reason | **BA31** affect |
|---|---|---|---|---|---|
| 1 | quantity of total output | | | | |
| 2 | value of total output | | | | |
| 3 | profitability of business | | | | |
| 4 | the fraction of product sold directly to customers (retail) | | | | |
| 5 | the fraction of product sold for resale (wholesale) | | | | |
| 6 | the fraction of product sold under contract | | | | |
| 7 | availability of workers | | | | |
| 8 | quality of workers | | | | |
| 9 | wages of workers | | | | |

| | | | | | |
|---|---|---|---|---|---|
| 10 | number of suppliers | | | | |
| 11 | availability of credit in general | | | | |
| 12 | availability of credit from suppliers | | | | |
| 13 | availability of credit from banks | | | | |
| 14 | availability of credit from other sources | | | | |

**BA32 Enumerator notes**

## XIV. Housing and Landholdings

### Landholdings

Now I would like to ask you some questions about your landholdings. I am interested in the land that you cultivate – regardless of whether you own or rent it and also in land that you may own but do not cultivate because it is rented out. Let's start by talking about the land that you cultivate.

### Land that the household cultivates

| | |
|---|---|
| **LA4** How many rai did your household cultivate during the past 12 months? | **LA4 [ ]** |
| **LA5** How many plots did your household cultivate during the past 12 months? | **LA5 [ ]** |

(Ask the following questions about each plot and record the answers in the table)

**LA7** What type of land is in this plot?
**LA8** What claim does the household have to this plot?
**LA9** What type of land certificate covers this plot?
**LA10** How many rai are in this plot?
**LA11** Was this plot acquired in the last 12 months? (1 – yes, 3 – no. If no skip to **LA14**.)
**LA12** How was this plot acquired? (If **LA12** is **NOT = 1**, then skip to **LA14**)
**[ See Coding Sheet for Codes ]**
**LA13** (if **LA12** = 1) What were the sources of financing for this land purchase? (Record all that apply. **[ See Coding Sheet for Codes ]**
**LA13A** What was the largest source of financing for this land purchase?
**LA13B** How much money came from this source?
**LA14** What is the current value of this plot?

| **LA6** Plot # | **LA7** land type | **LA8** claim | **LA9** title | **LA10** rai | **LA11** 12 mos. | **LA12** how |
|---|---|---|---|---|---|---|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| **LA6** Plot # | **LA13** finance | **LA13A** source | **LA13B** amount | **LA14** value |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

**LA7: Codes for land type**

1 - residential
3 - land for livestock
5 - land for paddy
7 - land for field crops
9 - land for tree crops
11 - land for vegetable crops
13 - land for shrimp or fish raising
15 - other (specify) **LA7O**

**LA8 Codes for claim**

1 - own plot
3 - rent plot for money
5 - rent plot for portion of harvest
7 - pay no rent - plot owned by relatives
9 - pay no rent - plot owned by non-relatives
11 - pay no rent - plot is on public land/ or land that is not used
13 - someone has mortgaged this plot to your household
15 - other (specify) **LA8O**

**LA9: Codes for Land Title**

1 - chanod
3 - NS3
5 - NS3K
7 - SK1
9 - Saw Paw Kae
11 - Sor Tor Kor
13 - application for land use
15 - economic forest reserve area
17 - non-economic forest reserve area
19 - other (specify) **LA9O**

**LA12: Codes for how land was acquired**
**[ See Coding Sheet for Codes ]**

**LA13: Codes for how land was financed**
**[ See Coding Sheet for Codes ]**

| | |
|---|---|
| **LA21** Besides land that the household cultivates does the household own any other land? (1 – yes, 3 – no. If no skip to **LA34**) | **LA21 [ ]** |
| **LA22** How many other plots do you own? (ask questions **LA24 – LA32** for each of these plots.) | **LA22 [ ]** |

**LA24** What type of land is in this plot?
**LA25** What type of land certificate covers this plot?
**LA26** How many rai are in this plot?
**LA27** Did you acquire this plot in the last 12 months? (1 – yes, 3 – no. If 3 skip to **LA30**.)
**LA28** How was this plot acquired?
**[ See Coding Sheet for Codes ]**
**LA29** (if **LA28** = 1) What were the sources of financing for this land purchase? (Record all that apply. If only one source skip to **LA30**. **See Coding Sheet for Codes.**
**LA29A** What was the largest source of financing?
**LA29B** How much financing did you get from this source?
**LA30** What is the current value of this plot?
**LA32** How is the land currently being used?

| **LA23** Plot # | **LA24** type | **LA25** title | **LA26** rai | **LA27** 12 mos | **LA28** how | **LA29** finance | **LA29A** source | **LA29B** amount |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| **LA23** Plot # | **LA30** value | **LA32** use |
|---|---|---|
| | | |
| | | |
| | | |
| | | |

**LA24: Codes for land type**

1 - residential
3 - land for livestock
5 - land for paddy
7 - land for field crops
9 - land for tree crops
11 - land for vegetable crops
13 - land for shrimp or fish
15 - other (specify) **LA24O**

**LA25: Codes for Land Title**

1 - chanod
3 - NS3
5 - NS3K
7 - SK1
9 - Saw Paw Kae
11 - Sor Tor Kor
13 - application for land use
15 - economic forest reserve area
17 - non-economic forest reserve area
19 - rent land, so not applicable
21 - other (specify) **LA25O**

**LA28: Codes for how land was acquired**
**[ See Coding Sheet for Codes ]**

**LA29: Codes for how land was financed**
**[ See Coding Sheet for Codes ]**

**LA32: Codes for how the land is being used**

1 - house plot
3 - rented out for cash
5 - rented out for portion of harvest
7 - rented out for free to relatives
9 - rented out free to non-relatives
11 - this plot is mortgaged to someone
13 - plot is not being used
15 - other (specify) **LA32O**

| | |
|---|---|
| **LA34** In the past 12 months, has the household gotten rid of any land (sold it, lost it because of default, given it to children, mortgaged land, other, 1 - yes, 3 - no; if no skip to **EX1**) | **LA34** **[ ]** |
| **LA35** How many times did you get rid of land during the past 12 months? ( assign a number to each land loss during the past 12 months and record the number in **LA36** in the table below) | **LA35** **[ ]** |

**Please ask the following questions about each loss of land**

**LA37** How many rai were lost/sold?

**LA38** What type of land was lost/sold?

**LA40** How was the land disposed of? ( If **not** 1 or 3 skip to **LA43**)
**LA41** (If sold or mortgaged) What did you use this money for? (List all that apply.)
**LA42** How much money did you receive for the land (if sold or mortgaged)? How much was this land worth at the time you lost it (if other reason for loss)?
**LA43** What was the reason for the land loss? (write in answer)

| **LA36** loss # | **LA37** rai | **LA38** type | **LA40** how lost | **LA41** proceeds | **LA42** Price | **LA43** Why? |
|---|---|---|---|---|---|---|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

**LA38: Codes for type of land**

1 - residential
3 - land for livestock
5 - land for paddy
7 - land for field crops
9 - land for tree crops
11 - land for vegetable crops
13 - land for shrimp or fish
15 - other (specify) **LA38O**

**LA40: Codes for how land was lost**

1 - sold
3 - pawned/mortgaged
5 - lost because of default to moneylender
7 - lost because of default to commercial bank
9 - lost because of default to BAAC
11 - lost because of default to Agricultural Coop
13 - given to children
15 - other (specify) **LA40O**

**LA41: Codes for what proceeds of sale were used for**

A - pay off debts
B - invest in business
C - buy new land
D - other (specify) **LA41O**

**LA 44 Enumerator notes**

**XV. Expenditure**

Now I would like to ask you some questions about how much your household spends (or consumes) in a typical month.

**EX1** During a typical month last year, how much does your household consume/eat/buy of the following items ___ (ask for each item below. Be sure to include home produced items – rice that the household grew themselves, for example!).

**EX2** (Interviewer record code for unit)

Codes
1 - kilograms
3 - bags
5 - packs
7 - bottles
9 - other (specify) **EX2O**

**EX3** What is the price per unit of this item?

**EX4** What is the total value of expenditures/consumption of this item in a typical month of the last year? (Note: This should be equal to **EX1** times **EX3.**)

| Item | **EX1** Amount | **EX2** Unit | **EX2 Trans-lation** | **EX3** Price/ Unit | **EX4** Value |
|---|---|---|---|---|---|
| 1. Rice you grew yourself (including sticky rice!) (milled rice not paddy!) | | | | | |
| 2. Rice you bought (including sticky rice) (milled rice not paddy!) | | | | | |
| 3. Other grains | | | | | |
| 4. Milk and milk products (powdered milk, condensed milk, fresh milk, yogurt, cheese) | | | | | |
| 5. Meat (chicken, beef, pork) | | | | | |
| 6. Alcoholic Beverages consumed at home | | | | | |
| 7. Alcoholic Beverages consumed away from home | | | | | |
| 8. Tobacco | | | | | |
| 9. Gasoline - (excluding gasoline for business or farm use) | | | | | |
| 10. Ceremonies (wedding, monk's ceremony) | NA | NA | | | |

| | |
|---|---|
| **EX5** In the past 12 months, how much has the household spent on house repairs? | **EX5** **[ ]** |
| **EX6** In the past 12 months, how much has the household spent on vehicle (car and motorcycle) repairs? | **EX6** **[ ]** |
| **EX7** In the past 12 months, how much has the household spent on education expenses? (Include all education costs: tuition, books, transportation, uniforms ….) | **EX7** **[ ]** |
| **EX8** In the past 12 months, how much has the household spent on clothing for all of the household members? | **EX8** **[ ]** |
| **EX9** In the past 12 months, how much has the household spent on food eaten away from home by all household members? | **EX9** **[ ]** |
| **EX10 Enumerator notes**<br>_____<br>_____<br>_____<br>_____ | |

**XVI. Income**

Now I would like to ask you some questions about what your household's income was over the past 12 months.

| | |
|---|---|
| **IN1** (Gross Revenue) What was your household's total gross income over the past 12 months? | **IN1 [ ]** |

**Enumerator**

(The goal of this section is to come up with an accurate estimate of the households (include all the household members!) income over the past 12 months AND to get as much detail as possible about the sources of the income. Some respondents will be able to tell you what their gross revenue is and then will be able to break it out by source below. Other respondents will know how much they received by source and need help adding it up to get a total. Do not worry about asking questions IN1 and 4 in order. Your calculators will be helpful!)

(The respondent may need help – try asking about revenues last month, then ask if last month was typical – if it is typical, tell the respondent what 12 times the monthly figure is, see if they agree with the amount – should it be higher or lower? By how much? Keep going until the respondent agrees with your figure. Remember this is supposed to be an estimate of the total gross income of the household – all the people who live and eat in the house for at least 6 months out of the year. Remind the respondent to include the value of home produced and consumed items -- rice, for example. Please use the following table to help you and the respondent figure out what revenues for the past year are – as much as possible fill in the table below, but do not worry about it if you do not figure out everything.

**IN2** Has anyone in your household received any of the following payments (ask about each payment in the table below) during the past 12 months? 1 - yes, 3 - no

**IN4** (If yes) How much did they receive over the past 12 months? (If the respondent knows revenues sources by broader categories than the ones listed below, use column **IN3** to record the category. For example, if revenues for rice farming and other crops are 20,000 Baht, then record 20,000 Baht in column **IN4** row A, and in column **IN3** record A, E to indicate that the 20,000 Baht is for revenues from rice farming and other crops.)

| | |
|---|---|
| **IN5 Enumerator Notes**<br>_____<br>_____<br>_____<br>_____ | **IN5 [ xxx ]** |
| **IN5Translation**<br>_____<br>_____<br>_____<br>_____ | |

| **Revenue Source** | **IN2** any? | **IN3** source | **IN4** revenue |
|---|---|---|---|
| A. Rice Farming | | | |
| B. Corn Farming | | | |
| C. Vegetable Farming | | | |
| D. Orchard Farming | | | |
| E. Other Crop | | | |
| F. Raising Shrimp | | | |
| G. Raising Fish | | | |
| H. Raising Chicken or Ducks | | | |
| I. Raising Pigs, Cows or Buffalo | | | |
| J. Raising other Livestock | | | |
| K. Wages | | | |
| L. Salaries | | | |
| M. Rice Mill | | | |
| N. Store | | | |
| O. Mechanic/Repair Shop | | | |
| P. Hair Salon/Barber | | | |
| Q. Restaurant/Noodle Shop | | | |
| R. Trading | | | |
| S. Other Business (specify) | | | |
| S1 | | | |
| S2 | | | |
| T. Payments for Renting Land | | | |
| U. Payments for other Rentals | | | |
| V. from Selling Land | | | |
| W. Government Assistance | | | |
| X. Interest on Savings | | | |
| Y. Income from Loan Repayments | | | |
| Z. Scholarships or Grants | | | |
| AA. Income from Roomers and Boarders | | | |
| BB. Proceeds from ROSCA | | | |
| CC. Remittances from Relatives | | | |
| DD. Remittances from Friends | | | |
| EE. Government Lottery | | | |
| FF. Dividends | | | |
| GG. Retirement Compensation | | | |
| HH. Gifts | | | |
| II. Other Income (specify) | | | |
| II1 | | | |
| II2 | | | |
| II3 | | | |
| **Total (should equal IN1)** | NA | NA | |

| | |
|---|---|
| **IN6** (Business/Farm Expenses) Over the past 12 months, what were the total business or farm expenses for the household? (**IN10F + IN10S + IN10B**) | **IN6** **[ ]** |

(Again the respondent may need help – included in these expenses should be **ALL** expenses associated with running the family farm and businesses: wages, marketing and transportation, expenses for products, the value of seed, of inputs (fertilizer, feed, etc.), of livestock, other raw materials. As you are helping the respondent to figure out total expenses, please fill in as much of the table below as possible)

**IN7F,S,B** Has anyone in your household had the following farm/shrimp/business expense (ask about each expense in the table below, and probe for others) during the past 12 months? 1 - yes, 3 - no

**IN9F,S,B** (If yes) How much did they spend over the past 12 months? (If the respondent knows expenses by broader categories than the ones listed below, use column **IN8F** to record the category. For example, if expenses for seed and fertilizer are 3000 Baht, then record 3000 Baht in column **IN9F** row A, and in column **IN8F** record A, B to indicate that the 3000 Baht is for seed and fertilizer.)

| **Farm Expenses** | **IN7F** any? | **IN8F** source | **IN9F** expense |
|---|---|---|---|
| A. seeds | | | |
| B. fertilizers | | | |
| C. pesticides/herbicides | | | |
| D. wages – all paid labor | | | |
| E. meals for laborers | | | |
| F. rental cost of all tractors, machinery and equipment | | | |
| G. all land rental | | | |
| H. fuel for tractors and any other machinery and equipment | | | |
| I. maintenance of tractors and other machinery and equipment | | | |
| J. purchase of baby or breeding livestock | | | |
| K. food for livestock | | | |
| L. Other (specify) | | | |
| L #1 | | | |
| L #2 | | | |
| L #3 | | | |
| **IN10F Total Farm Expense** | NA | NA | |

| **Shrimp/Fish Expenses** | **IN7S** any? | **IN8S** source | **IN9S** expense |
|---|---|---|---|
| A. wages – all paid labor | | | |
| B. meals for laborers | | | |
| C. rental cost of all tractors, machinery and equipment | | | |
| D. all land rental | | | |
| E. fuel for tractors and any other machinery and equipment | | | |
| F. maintenance of tractors and other machinery and equipment | | | |
| G. cost of baby shrimp/fish | | | |
| H. shrimp and fish breeding expenses | | | |
| I. shrimp and fish food | | | |
| J. chemicals for shrimp/fish ponds | | | |
| K sea water for shrimp/fish ponds | | | |
| L. Other (specify) | | | |
| L #1 | | | |
| L #2 | | | |
| L #3 | | | |
| **IN10S Total Shrimp/Fish Expense** | NA | NA | |

| **Business Expenses** | **IN7B** any? | **IN8B** source | **IN9B** expense |
|---|---|---|---|
| A. wages – all paid labor | | | |
| B. meals for laborers | | | |
| C. rental cost of all machinery and equipment | | | |
| D. all land rental | | | |
| E. fuel for machinery and equipment | | | |
| F. maintenance of machinery and equipment | | | |
| G. cost of inventory | | | |
| H. transportation expense | | | |
| I. Other (specify) | | | |
| I #1 | | | |
| I #2 | | | |
| I #3 | | | |
| I #4 | | | |
| I #5 | | | |
| I #6 | | | |
| **IN10B Total Business Expense** | NA | NA | |

| | |
|---|---|
| **IN11** (**Enumerator calculate**) Net Income: **IN1 - IN6** | **IN11** **[ ]** |
| **IN12** Is "**IN11**" an accurate estimate of your household's total net profits over the past 12 months? (1 - yes, 3 - no; if yes, skip to **IN14**) | **IN12** **[ ]** |
| **IN13** (If no. Enumerator: find out what needs to be revised, and make the necessary adjustments to **IN1**, **IN6**, **IN4**, and **IN9F, S and B**. Do the necessary calculations and report the revised estimate of net income here.) | **IN13** **[ ]** |
| **IN14** What is your best guess about what the households net profit will be next year? | **IN14** **[ ]** |
| **IN15** If next year is a very good year for your household, what is your best guess of what the households' net profit will be next year? | **IN15** **[ ]** |
| **IN16** If next year is a very bad year for your household, what is your best guess of what the household's net profit will be next year? | **IN16** **[ ]** |

**Enumerator Notes**

| | |
|---|---|
| **IN17 Enumerator Notes**<br>_____<br>_____<br>_____<br>_____ | **IN17** **[ xxx ]** |
| **IN17 Translation**<br>_____<br>_____<br>_____<br>_____ | |

## XVII. Borrowing

Now I would like to ask you some questions about borrowing and lending.

| | |
|---|---|
| **BL1A** Do you or members of your household owe money or goods to anyone? For example, to a commercial bank, the BAAC, a PCG, a Rice Bank, the Agricultural Cooperative, a government agency, a moneylender, a friend, a relative or any other individual or institution? Have you pawned/mortgaged land to anyone, sold your crops in advance, gotten goods on credit from a store owner or a supplier of inputs? (include loans of capital or goods for the business or farms belonging to the household. 1 - yes, 3 - no, if no skip to **BL2A**) | **BL1A** **[ ]** |
| **BL1B** How many loans (count the number of loans owed, not the number of institutions!) are owed? | **BL1B** **[ ]** |
| **BL2A** In the past 12 months has any member of your household completely repaid a loan of money or goods? (1 - yes, 3 - no) | **BL2A** **[ ]** |
| **BL2B** How many loans have been completely repaid during the past 12 months? | **BL2B** **[ ]** |

(If **BL1A =** 3 and **BL2A** = 3 then skip to **LE1A**)

(For each loan owed and each loan completely repaid in the past 12 months ask the following questions. Record all of the loan numbers and the lenders first then for each loan ask **BL3B - BL3K**)

**BL3A** Loan number (record the loan number (from 1 to **BL1B** + **BL2B**) in column one, record all of the loan numbers and who the lender is first)
**BL3B** Who did you borrow from?
**BL3C** In what month and year did you borrow the money?
**BL3D** Has this loan been fully repaid? (1 - yes, 3 - no)
**BL3E** How much money or goods (if goods, record value) was borrowed?
**BL3F** (If the loan has been fully repaid) how much money or goods (if goods, record value) did you have to pay back?
(If the loan has not been fully repaid) How much money or goods will you have to pay back in total (including payments that have already been made)?
**BL3F1** What is the annual interest rate on this loan? If there is no interest rate, record zero. If the respondent does not know the interest rate record DK. If the interest rate will be variable, record the expected interest rate for the next 12 months.
**BL3G** How long is the loan for? (record the answer in months – i.e. how many months are there from when the money was borrowed until the time that it must be paid back?)
**BL3H** Why was this money borrowed? (record all that apply)
**BL3I** What did the household offer as collateral for this loan? (If code not 3 - 11 then skip to **BL3K**)
**BL3J** (If the household used collateral) What was the value of the collateral at the time you got this loan?
**BL3K** If you could not repay this lender or if this lender had to take your collateral or if your cosigners had to repay the loan for you, what would be the consequences for you (the borrower)?

| **BL3A** Loan # | **BL3B** from | **BL3C** month/year | **BL3D** repaid | **BL3E** borrowed | **BL3F** pay back |
|---|---|---|---|---|---|
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| 6 | | | | | |
| **BL3A** Loan # | **BL3G** months | **BL3H** why | **BL3I** collateral | **BL3J** value | **BL3K** default |
| 1 | | | | | |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| 6 | | | | | |

**BL3B: Codes for Borrowed from**

1 - neighbor
3 - relative
5 - BAAC
7 - PCG
9 - Commercial Bank
11 - Agricultural Cooperative
13 - Village Fund
15 - Rice Bank
17 - moneylender
19 - store owner
21 - supplier of inputs
23 - landlord
25 - purchaser of output
27 - other (specify) **BL3BO**

**BL3H: Codes for why borrowed**

A - walking tractor
B - fertilizer, pesticide, herbicide, seed
C - livestock
D - other farm equipment
E - business investment - specify (**BL3HO1)**
F - buy land
G - build/buy house
H - to relend to others
I - for ceremony
J - consumption
K - to buy motorcycle
L - to buy pick up truck or car
M - to buy television, VCR, air conditioner, stove or other household asset
N - educational expenses
O - other - specify (**BL3HO2**)

**BL3I: Codes for collateral**

1 - no collateral required
3 - land title - borrower uses land
5 - land title - lender uses land
7 - used savings to guarantee loan
9 - used future crop to guarantee loan
11 - other collateral
13 - single guarantor
15 - multiple guarantors
17 - other, specify **BL3IO**

**BL3K: Codes for consequences of default**

1 - none
3 - not able to borrow again from this lender
5 - not able to borrow again from this lender and others
7 - other (specify) **BL3KO**

## XVIII. Lending

| | |
|---|---|
| **LE1A** Does anyone currently owe money or goods to you or members of your household? For example, loans to friends, neighbors, relatives, or business partners that have not yet been repaid, someone has pawned/mortgaged their land to you? (1 - yes, 3 - no) | **LE1A [ ]** |
| **LE1B** How many loans are owed to members of this household? | **LE1B [ ]** |
| **LE2A** In the past 12 months has any one fully repaid a loan to you or members of your household? (1 - yes, 3 - no) | **LE2A [ ]** |
| **LE2B** How many loans have been fully repaid during the past 12 months? | **LE2B [ ]** |

(If **LE1A** = 3 and **LE2A** = 3 then skip to **LE5**)

(For each loan owed and each loan completely repaid in the past 12 months ask the following questions. Record all of the loan numbers and the borrowers first then for each loan ask **LE3B1 - LE3I**)

**LE3A** Loan number (record the loan number (from 1 to **LE1B** + **LE2B**) in column one, record all of the loan numbers and who the lender is first)
**LE3B** Who did you loan money to?
**LE3C** In what month and year did you loan the money?
**LE3D** Has this loan been fully repaid? (1 - yes, 3 - no)
**LE3E** How much money or goods (if goods, record value) was loaned?
**LE3F** (If the loan has been fully repaid) how much money or goods (if goods, record value) were repaid?
(If the loan has not been fully repaid) How much money or goods will have to be repaid in total, including payments that have already been made?
**LE3F1** What is the annual interest rate on this loan? If there is no interest rate, record zero. If the respondent does not know the interest rate, record DK. If the interest rate will be variable, record the expected interest rate for the next 12 months.
**LE3G** How long is the loan for? (record the answer in months – i.e. how many months are there from when the money was borrowed until the time that it must be paid back?)
**LE3H** Why was this money borrowed? (record all that apply)
**LE3I** What was offered as collateral for this loan?
(If code is not 3 -11 then skip to **LE3K**)
**LE3J** (If the borrower used collateral) What was the value of the collateral at the time of the loan?

**LE3K** If this borrower did not repay the loan or if you had to take the borrower's collateral or make one of the cosigners had to repay the loan, what would be the consequences for the borrower?

| **LE3A** Loan # | **LE3B** borrower | **LE3C** month/year | **LE3D** repaid | **LE3E** loaned | **LE3F** pay back | **LE3F1** annual interest |
|---|---|---|---|---|---|---|
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |
| **LE3A** Loan # | **LE3G** months | **LE3H** why | **LE3I** collateral | **LE3J** value | **LE3K** default | |
| 1 | | | | | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | | | | | | |

**LE3B: Codes for Borrower**

1 - non-relative in the village
3 - non-relative out of the village
5 - relative in the village
7 - relative out of the village
9 - business partner
11 - other (specify) **LE3BO**

**LE3H: Codes for why borrowed**

A - walking tractor
B - fertilizer, pesticide, herbicide, seed
C - livestock
D - other farm equipment
E - business investment (specify) **LE3HO1**
F - buy land
G - build/buy house
H - to relend to others
I - for ceremony
J - consumption
K - to buy motorcycle
L - to buy pick up truck or car
M - to buy television, VCR, air conditioner, stove or other household asset
N - educational expenses
O - other - specify (**LE3HO2**)

**LE3I: Codes for collateral**

1 - no collateral required
3 - land title - borrower uses land
5 - land title - lender uses land
7 - used savings to guarantee loan
9 - used future crop to guarantee loan
11 - other collateral
13 - single guarantor
15 - multiple guarantors
17 - other, specify **LE3IO**

**LE3K: Codes for consequences of default**

1 - none
3 - not able to borrow again from this lender
5 - not able to borrow again from this lender and others
7 - other (specify) **LE3KO**

| | |
|---|---|
| **LE5** Have you (or anyone else in your household) turned anyone down who has asked for a loan in the past 12 months?<br>1 - yes, someone asked for a loan and they were turned down<br>3 - no, someone asked for a loan and they were not turned down<br>5 - no, no one asked for a loan from me or anyone else in my household in the past 12 months | **LE5**<br>**[ ]** |
| **LE6** If yes, who did you turn down and why?<br>_____<br>_____<br>_____<br>_____ | **LE6**<br>**[ xxx ]** |
| **LE6 Translation** _____<br>_____<br>_____<br>_____ | **LE6**<br>**[ xxx ]** |

## XIX. Savings

**SA1** Do you or members of your household have any of the following kinds of savings? (1 - yes, 3 - no. Ask about list below, also probe for other types of savings)
**SA2** What is the most important source of this savings? (record only one answer)

1 - saving up small amounts for a long time
3 - from selling land
5 - from selling other assets
7 - from inheritance
9 - profits from business
11 - from selling agricultural product
13 - from salary or wages
15- lottery winnings
17 - other, specify **SA2O**

**SA3** How many times did you make deposits with this institution in the past 12 months?
**SA4** How much have you deposited in the past 12 months?
**SA5** How many times have you withdrawn money from your savings with this institution during the past 12 months? (do not include loans)
**SA6** How much have you withdrawn over the past 12 months?
**SA7** What amount do you have saved as of today? (don't ask about gold and cash) For rice record the amount of baht you would get if it was sold.

| | **SA1** have | **SA2** source | **SA3** times | **SA4** Deposit | **SA5** times | **SA6** withdraw | **SA7** amount |
|---|---|---|---|---|---|---|---|
| 1. Commercial Bank | | | | | | | |
| 2. Agricultural Cooperative | | | | | | | |
| 3. Bank Account at BAAC | | | | | | | |
| 4. PCG Account | | | | | | | |
| 5. Rice Bank | | | | | | | |
| 6. Gold, Jewelry | | | NA | NA | NA | NA | NA |
| 7. Cash | | | NA | NA | NA | NA | NA |
| 8. Other Savings, specify | | | | | | | |
| 9. Rice in Storage | | NA | NA | NA | NA | NA | |
| 10. Other crops in Storage | | NA | NA | NA | NA | NA | |
| 11. Other, specify | | | | | | | |

**SA9 Enumerator notes**

## XX. General Questions

| | |
|---|---|
| **GQ2A** In the last 12 months have you repaid one loan using a loan from another source? (1 - yes, 3 – no. If no skip to **GQ3A**.) | **GQ2A [ ]** |
| **GQ2B** (If yes) Why, what were the circumstances? _____ _____ _____ | **GQ2B [ xxxxx ]** |
| **GQ2B Translation** _____ _____ _____ | **GQ2B [ xxxxx ]** |
| **GQ3A** In the last 12 months have you repaid a loan late or made a late loan payment? (1 - yes, 3 – no. If no skip to **GQ4A**.) | **GQ3A [ ]** |
| **GQ3B** (If yes) Why, what were the circumstances? _____ _____ _____ _____ | **GQ3B [ xxxxx ]** |
| **GQ3B Translation** _____ _____ _____ _____ | **GQ3B [ xxxxx ]** |
| **GQ4A** In the last 12 months have you missed a savings deposit or made a savings deposit late to a pledge savings account? (1 - yes, 3 – no. If no skip to **GQ5A**.) | **GQ4A [ ]** |
| **GQ4B** (If yes) Why, what were the circumstances? _____ _____ _____ | **GQ4B [ xxxxx ]** |
| **GQ4B Translation** _____ _____ _____ | **GQ4B [ xxxxx ]** |
| **GQ5A** In the last 12 months have you had a loan that was guaranteed by cosigners where the cosigners had to pay all or part of what you owed? (1 - yes, 3 – no. If no skip to **GQ6A**.) | **GQ5A [ ]** |
| **GQ5B** (If yes) Why, what were the circumstances? _____ _____ _____ _____ | **GQ5B [ xxxxx ]** |
| **GQ5B Translation** _____ _____ _____ _____ | **GQ5B [ xxxxx ]** |
| **GQ6A** In the last 12 months have you had a loan that was guaranteed by collateral where you had to forfeit your collateral because you could not repay the loan? (1 - yes, 3 – no. If no skip to **GQ7A**.) | **GQ6A [ ]** |
| **GQ6B** (If yes) Why, what were the circumstances? _____ _____ | **GQ6B [ xxxxx ]** |

| | |
|---|---|
| _____<br>_____ | |
| **GQ6B Translation** _____<br>_____<br>_____<br>_____ | **GQ6B**<br>**[ xxxxx ]** |
| **GQ7A** In the last 12 months have you loaned someone money and then had to take their collateral, get someone else to pay what they owe, or just not been able to get repaid? (1 - yes, 3 - no; if no skip to **GQ8A**) | **GQ7A**<br>**[ ]** |
| **GQ7B** (If yes) Why, what were the circumstances? _____<br>_____<br>_____<br>_____ | **GQ7B**<br>**[ xxxxx ]** |
| **GQ7B Translation** _____<br>_____<br>_____<br>_____ | **GQ7B**<br>**[ xxxxx ]** |
| **GQ7C** Have you loaned money to that person again? (1 - yes, 3 - no) | **GQ7C**<br>**[ ]** |
| **GQ8A** In the past 12 months have you tried to borrow from any institutions and been turned down? (1 – yes, 3 – no. If no skip to **HS1**) | |
| **GQ8B** (If yes) Why, what were the circumstances? | |
| **GQ8B Translation** | |

## XXI. Hypothetical Situation

(Do not read the codes to the respondent, ask follow up questions so that you can code their response as accurately as possible.)

| | |
|---|---|
| **HS1** Suppose you encounter an unavoidable emergency and you needed 2,000 B right away. How would you get the 2,000 B? | **HS1** **[ ]** |
| **HS1O** (if other)_____ | **HS1O Translation** _____ |
| **HS2** If that source wasn't available what would you do? | **HS2** **[ ]** |
| **HS2O** (if other)_____ | **HS2O Translation** _____ |
| **HS3** If that source wasn't available what would you do? | **HS3** **[ ]** |
| **HS3O** (if other)_____ | **HS3O Translation** _____ |
| **HS4** Suppose you encounter an unavoidable emergency and you needed 20,000 B right away. How would you get the 20,000 B? | **HS4** **[ ]** |
| **HS4O** (if other)_____ | **HS4O Translation** _____ |
| **HS5** If that source wasn't available what would you do? | **HS5** **[ ]** |
| **HS5O** (if other)_____ | **HS5O Translation** _____ |
| **HS6** If that source wasn't available what would you do? | **HS6** **[ ]** |
| **HS6O** (if other)_____ | **HS6O Translation** _____ |

| | |
|---|---|
| **HS8** Suppose that you are the only income earner in your household. Suppose you have to choose between two new jobs. The first job is guaranteed to pay you your current household income every year for life. With the second job there is a 50-50 chance that you will be paid double your current household income every year for life and a 50-50 chance that you will be paid 2/3$^{rds}$ of your current household income every year for life. Otherwise the two jobs are exactly the same. Which job will you take? 1 – job #1, 3 – job #2. If 1 go to HS9. If 3, continue. | **HS8** **[ ]** |
| **HS9** Suppose that with the second job there was a 50-50 chance that it will pay double your current household income every year for life and a 50-50 chance that it will pay one-half of your current household income every year for life. Would you still choose job #2? 1 – yes, 3 – no. Go to **IO1**. | **HS9** **[ ]** |
| **HS10** Suppose that with the second job there was a 50-50 chance that it will pay double your current household income every year for life and a 50-50 chance that it will pay 80% of your current household income every year for life. Now would you take job #2? 1 – yes, 3 – no. | **HS1** **[ ]** |

**Codes: HS1, HS2, HS3, HS4, HS5, HS6**

1 - use savings
3 - sell land
5 - mortgage land
7 - sell equipment
9 - sell livestock
11 - sell jewelry/gold
13 - sell car
15 - sell motorcycle
17 - sell other assets
19 - get help from the temple
21 - use welfare card
23 - borrow from money lender in the village
25 - borrow from money lender outside the village
27 - borrow from one relative in village
29 - borrow from one relative out of village
31 - borrow from many relatives in the village
33 - borrow from many relatives outside the village
35 - borrow from many relatives in and out of the village
37 - borrow from one non-relative in the village
39 - borrow from one non-relative out of the village
41 - borrow from many non-relatives in the village
43 - borrow from many non-relatives outside of the village
45 - borrow from many non-relatives in and out of the village
47 - borrow from many people – relatives and non-relatives in the village
49 - borrow from many people - relatives and non-relatives outside the village
51 - borrow from many people - relatives and non-relatives in and out of the village
53 - have someone else borrow on your behalf
55 - borrow from PCG
57 - borrow from Agricultural Cooperative
59 - borrow from housewife's group
61 - borrow from BAAC group members
63 - borrow from doctor
65 - borrow from bank
67 – sell rice
69 - other (specify)

## XXII. Institutions and Organizations

**IO1** Have you or anyone in your household become a new member or customer of ____ in the past 12 months? (1 - yes, 3 – no. If no skip to IO3.)

**IO2** (Ask if **IO1 = 1**) Why did you become a member or customer of this organization?

**IO3** Have you or anyone in your household resigned from this organization or ceased to be a customer/member of this organization in the past 12 months? (1 – yes, 3 – no. If no skip to next organization. If last organization skip to instructions before **IO9**.)

**IO5** (Ask if **IO3** is **1**) Why did you stop being a member (or a customer of this organization)? (record all that apply)

A - institution closed
B - repaid loan
C - could not save any more, needed money for household expenses
D - too old
E - not enough time to participate
F - household welfare improved
G - household welfare declined
H - other (specify) **IO5O**

| | **Institution** | **IO1** Join | **IO2** Why join | **IO3** Resign | **IO5** why quit |
|---|---|---|---|---|---|
| 1 | Rice Bank | | | | |
| 2 | Buffalo Bank | | | | |
| 3 | PCG | | | | |
| 4 | BAAC | | | | |
| 5 | BAAC Group | | | | |
| 6 | Agricultural Cooperative | | | | |
| 7 | Women's Group | | | | |
| 8 | Emergency Fund | | | | |
| 9 | Health Fund | | | | |
| 10 | Commercial Bank | | | | |
| 11 | Gov't Savings Bank | | | | |
| 12 | Insurance Company | | | | |
| 13 | Finance Company | | | | |
| 14 | Money-lender | | | | |
| 15 | ROSCA | | | | |
| 16 | other (specify) | | | | |
| 17 | | | | | |
| 18 | | | | | |
| 19 | | | | | |

**This is the end of the interview. Thank you very much for your time and cooperation. We very much appreciate it. Your answers will be studied along with many others to learn more about Thailand's development and to help design more effective institutions to help villagers.**

| | |
|---|---|
| **IO9** Do you have any additional comments or observations?<br>_____<br>_____<br>_____<br>_____<br>_____ | **IO9**<br>**[ xxxx ]** |
| **IO9** Translation<br>_____<br>_____<br>_____<br>_____<br>_____ | **IO9**<br>**[ xxxx ]** |
| **IO10** Enumerator Comments<br>_____<br>_____<br>_____<br>_____<br>_____ | **IO10**<br>**[ xxxx ]** |
| **IO10 Translation**<br>_____<br>_____<br>_____<br>_____<br>_____ | **1O10**<br>**[ xxxx ]** |
| **IO11** Stop Time | **IO11**<br>**[ ]** |

Enumerator: be sure to record stop time on first page **CVR2D**.

**Frequently Used Codes**

**Occupation: OC1A, OC2A, OH2A, OH3A, OH4A, KH6, PW1**

0 – no prior occupation
1 – inactive/retired (or no secondary occupation)
3 - in school
5 – looking for work
7 - rice farmer
9 - corn farmer
11 – orchard farmer
13 – farmer growing a different crop
15 - shrimp farmer
17 - raise fish other than shrimp
19 - raise livestock: chicken or duck
21 - raise livestock: pig, cow (meat or dairy) or water buffalo
23 - construction work in village
25 - construction work out of village but in Changwat
27 - construction work in another Changwat, not Bangkok
29 - construction work in Bangkok
31 - rice miller
33 - shop keeper
35 - factory worker
37 - mechanic
39 - clerical worker
41 - administrative or managerial job
43 - nurse
45 - teacher
47 - policeman
49 - government official
51 - accountant
53 - electrician
55 - cleaner or janitor
57 – trader
59 – housework
61 – general agricultural labor jobs that vary over the year
63 – general non-agricultural labor jobs that vary over the year
65 - other (specify)

**Worker Type: OC1B, OC2B, KH7**

1 - owner of business
3 – unpaid family worker
5 - employee - daily wages
7 - employee - monthly wages
9 - employee - piece rate, in house
11 - employee - piece rate, out of house
13 – government worker
15 - other (specify) **OC1BO, OC2BO, KH7O**

**Village Positions: OC3**

A - no positions
B - headman
C - assistant headman
D - kamnan
E - assistant kamnan
F - PCG committee member
G - Rice Bank committee member
H - head of BAAC group
I - member of women's group committee
J - member of housewife's group committee
K - member of village committee
L - member of tambon committee
M - member of Marketing Demonstration Center committee
N - health volunteer
O - other (specify) **OC3O**

**Where Money Came From/ Sources of Funds: HA4A, HA4B, FA6A, FA6B, FA13, FA13A, BA19, BA19A, LA13, LA13A, LA29, LA29A**

A - with cash that had been saved up
B - with cash that was raised from selling land
C - with cash that was raised from selling livestock or other assets
D - with cash from selling product
E - on credit from store
F - with funds borrowed from Commercial Bank
G - with funds borrowed from BAAC
H - with funds borrowed from Agricultural Cooperative
I - with funds borrowed from PCG
J - with funds borrowed from other organization (specify) **HA4O1, etc.**
K - with funds borrowed from relatives
L - with funds borrowed from non-relatives
M - with funds borrowed from moneylender
N - with cash from inheritance
O - gift
P - from employer
Q - other (specify), **HA4O2, etc.**

**How Land was Acquired: LA12, LA28**

1 - purchased
3 - inherited
5 - cleared
7 - land reform program
9 - rented land
11 - from a relative
13 - other (specify) **LA12O, LA28O**

**Code for highest grade completed**

| | | | |
|---|---|---|---|
| 1 - no school | 15 - P. 3 | 33 - M or MS 5 | 51 - PWT 1 |
| 3 – not yet enrolled in school | 17 - P. 4 | 35 - M or MS 6 | 53 - PWT 2 |
| | 19 - P. 5 | 37 - M or MS 7 | 55 - Univ. 1 |
| | 21 - P. 6 | 39 - M or MS 8 | 57 - Univ. 2 |
| 5 – A. 1 | 23 – P. 7 | 41 - PWC 1 | 59 - Univ. 3 |
| 7 – A. 2 | 25 - M or MS 1 | 43 - PWC 2 | 61 - Univ. 4 |
| 9 – A. 3 | 27 - M or MS 2 | 45 - PWC 3 | 63 – other |
| 11 - P. 1 | 29 - M or MS 3 | 47 - PWS 1 | |
| 13 - P. 2 | 31 - M or MS 4 | 49 - PWS 2 | |

**HC8- Education System**

1-old system 3-new system 5-temple

**XXIII. Additional Questions-Household**

| | |
|---|---|
| GP1 Was there anyone of your household member using the service of the 30 Baht for all dissease program? ( 1-yes, 3-no) | GP1 [ ] |
| GP2 How many time of using? | GP2 [ ] |
| GP3 Compare to the previous year without this project, how do you rate the number that you used the service in the past 12 months? ( 1-rarely, 2-sometime, 3-often, 4-very often ) | GP3 [ ] |
| GP4 Compare to the previous year without this project, how do you rate the quality that you used the service in the past 12 months? ( 1-very poor, 2-poor, 3-good, 4-excellent ) | GP4 [ ] |
| GP5 Because of the project, you could received the service from hospitals/health centers in other areas more than before the project? ( 1-yes, 3-no) | GP5 [ ] |
| GP6 If yes, why did you change to the hospital/health center in other areas? ---------- ---------- ---------- | GP6 [XXXXX] |
| GP6 TRANSLATION : _____ _____ _____ _____ _____ | GP6 [ XXXXX] |
| GP7 Did your household joins BAAC's Debt Moratorium Program? ( 1-yes, 3-no) | GP7 [ ] |
| GP7A At present, is your household still join the program? ( 1-yes, 3-no) | GP7A [ ] |
| GP7B How many loan contracts do you have with this program? | GP7B [ ] |
| GP8 Did your household join BAAC's Debt Reducing Program? ( 1-yes, 3-no) | GP8 [ ] |
| GP8A At present, is your household still join the program? ( 1-yes, 3-no) | GP8A [ ] |
| GP8B How many loan contracts do you have with this program? | GP8B [ ] |

GP9A1 Is this loan belong to the Debt Moratorium Program or Debt Reducing program?
( R=Description Debt Reducing Program M=Debt Moratorium Program)

GP9B From whom did you get this loan?

1-neighbor;
3-relative;

5-BAAC;
7-PCG;
9-Commercial Bank;
11-Agricultural Cooperative;
13-Village Fund;
15-Rice Bank;
17-moneylender;
19-store owner;
21-supplier of inputs;
23-landlord;
25-purchaser of output;
27-other (specify)

GP9C When was the month and year you get this loan?

GP9D Is this loan already repay?
( 1- Already repaid, 3- Not totally repaid)

GP9E How much of this loan?

GP9F How much did you repay?

GP9F1 How much interest rate charged per year?

GP9G Before joining the program, How long(months) of this loan?

GP9G1 How many months is this loan extended?

GP9H Why did you borrow this loan?

A- walking tractor
B- fertilizer, pesticide, herbicide, seed
C- livestock
D- other farm equipment
E- business investment (specify)
F- buy land
G-build/buy house
H- to relend to others
I- for ceremony
J- consumption
K- to buy motorcycle
L- to buy pick up truck or car
M- to buy television, VCR, air conditioner, stove or other household asset
N- educational expenses
O- other (specify)

GP9I What was the collateral that your household used as loan guarantee?
1- no collateral required
3- land title - borrower
5- uses land land title - lender
7- uses land used savings to guarantee loan
9- used future crop to guarantee loan
11- other collateral
13- single guarantor
15- multiple guarantors
17- other (specify)

GP9J What was the value of this collateral at the time of borrowing?

GP9K What is the consequence if you are unable to repay the loan or the lender confiscates your collateral or the guarantor has to repay for you?

1- none
3- not able to borrow again from this lender
5- not able to borrow again from tis lender and others
7- other (specify)

| | |
|---|---|
| X1 Did you borrow from the 1 Million Baht Village Fund?<br>( 1-yes, 3-no) | X1<br>[ ] |
| X2 How did the borrowing from the 1 Million Baht Village Fund affect your decision to borrow from these lending sources?<br><br>A: BAAC or Agricultural Cooperatives<br>B: Commercial Bank<br>C: Other Informat Sources<br><br>( 1-Increase, 2-Not change, 3-Decrease) | X2<br><br>[ ]<br>[ ]<br>[ ] |
| X3 How did the borrowing from the 1 Million Baht Village Fund affect an intention of these lending sources to give loan to you?<br><br>A: BAAC or Agricultural Cooperatives<br>B: Commercial Bank<br>C: Other Informant Sources<br><br>( 1-Increase, 2-Not change, 3-Decrease) | X3<br><br>[ ]<br>[ ]<br>[ ] |