Kanchanaburi Project
Round 3 (Year 2002)
Institute for Population and Social Research, Mahidol University
In collaboration with
Ratchapat Institute Kanchanaburi

Household Questionnaire

<table>
<thead>
<tr>
<th>Household ID</th>
<th>…………</th>
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</thead>
<tbody>
<tr>
<td>District</td>
<td>____</td>
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<tr>
<td>Sub-district</td>
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<tr>
<td>Village</td>
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<tr>
<td>Household No.</td>
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</table>

Name of head of household ………………………………………………………………………
Name of respondent ………………………… Order in this household …………………
If respondent is not a household member, specify the relationship …………………
Specify reason why the household’s member could not give information …………………

House No. …… Village No. …… Village name …… Sub-district …………………
District ……………………………………… Kanchanaburi Province

Household type 1. Old 2. New
Location 1. Municipality 2. Rural area

Attempt interviewing no. 1 2 3 4 5 6 7 8 9 10
Date of final interview…….month…..Start at……….End at……….. Total time…… minutes
Specify the reason for the incompletion ………………………………………………………

Name of Interviewer ………………………………………………………………………
Name of Field Supervisor ……………….. D/M/Y ……………………………
Name of Editor ………………………… D/M/Y ……………………………
Name of Coder ………………………… D/M/Y ……………………………
House characteristics

1. What type is the house?

   1. Single House
   2. Twin-house
   3. Block/Shop House
   4. Condominium
   5. Rental room inside a house/building
   6. Wooden rowed house/Boat house/Mobile car
   7. Other (specify)…………………………….…..……

2. Characteristics of the house


3. What is the material of the roof?

   1. Cepack
   2. Tile
   3. Zinc Plate
   4. Lamparata cylindrica/elephant grass/nipa palm leaf/ teak leaf
   5. Bamboo
   6. Cement
   7. Used material
   8. Other (specify)……………………………………

4. What is the material of the house walls?

   1. Concrete/Brick/Stone
   2. Tile
   3. Zinc plate
   4. Lamparata cylindrica/elephant grass/nipa palm leaf/ teak leaf
   5. Bamboo
   6. Wood
   7. Half cement and wood
   8. Used material
   9. Other (specify)……………………………………
5. What are divisions in the house?
   1. Divided into permanent rooms  2. Divided by partition  3. No partition (airy room)

6. How is air ventilation and sunlight in the house?
   1. Good condition  2. Rather poor  3. Poor

7. Are animals raised under the house? (Ask only one-story single house)
   1. Yes Specify (kind of animals).................  2. No  3. Not all of above

8. Are animals raised near the house?
   1. Yes Specify (kind of animals)................. Far from house.............meter(s)
   2. No
Part 1: Basic Information on Household Occupants

<table>
<thead>
<tr>
<th>1.1 No.</th>
<th>1.2 First/Last Name (Person who lived in this household more than 1 month)</th>
<th>1.3 From July 1, 2001 till now, did this person lived in this household?</th>
<th>1.4 Resident status (see code)</th>
<th>1.5 Date of birth</th>
<th>1.6 Age (years)</th>
<th>1.7 Sex</th>
<th>1.8 Relationship with head of household</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>1. Yes</td>
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<td>1. Male</td>
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<td>2. No</td>
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</table>

**Code for 1.4: Resident status**

1. Old member and still lives here
2. Old member but moved away within last year
3. Old member and died (Skip to part 2)
4. New member and lives here
5. Temporarily lived here more than one month from 1st July 2001
6. Temporary member and died
7. Old member who moved away, but now move back
8. Old member who moved away
<table>
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<tr>
<th>1.9</th>
<th>Order No. of Father in household (If not have fill 0)</th>
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<tbody>
<tr>
<td>1.10</td>
<td>Order No. of Mother in household (If not have fill 0)</td>
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<tr>
<td>1.11</td>
<td>Marital status (see codes)</td>
</tr>
<tr>
<td>1.12</td>
<td>Education level (The highest level of education) (specify) ..........</td>
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<tr>
<td>1.13</td>
<td>Occupation (Ask only persons aged 4 and over) (explain in detail on job descriptions, characteristic and type of job)</td>
</tr>
</tbody>
</table>

**Code for 1.8**: Relationship with head of household

1. Head of household  
2. Spouse  
3. Father  
4. Mother  
5. Father/mother in law  
6. Son/ daughter  
7. Sibling  
8. Grand child  
9. Brother/sister  
10. Son in law  
11. Daughter in law  
12. Nephew/niece  
13. Great grand child  
14. Grandfather/grandmother  
15. Relative  
16. Friend  
17. Lodger  
18. Employee  
19. Other (specify) …

**Code for 1.11**: Marital status

1. Married  
2. Divorced  
3. Separated  
4. Widowed  
5. Single
### Household Summary (For coder only)

**Total members in this household ………………….persons**

**Type of this household**

1. New household moved from other villages
2. New household that was separated from old household
3. New household occurring by unenumeration in the previous year (lived here before 2001)
4. Old household with household listing in 2001
5. Old household in last year, but has changed to a new household in this year because head of household moved to a household with no household listing in 2001
### 1.16-1.18
Ask only the person who was an old member of this household but moved away
(Answered 2, 5 or 8 in Q 1.4) (Including old and new household member)
(If answered 8 in Q1.4, ask only Q 1.17 and 1.18)

### 1.19
Does the person have difficulty in carrying out normal daily activities (Ask only the person who lives in this household or answered 1, 4 and 7 in Q 1.4)
1. Yes  2. No

### 1.20
Cause of difficulties in carrying out normal daily activities (record only one cause) (see codes)

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<tr>
<th>Place</th>
<th>District and province</th>
<th>Country</th>
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</table>

**Code for 1.18** The person’s house location?
- 1. Municipality
- 2. Rural area
- 3. Abroad

**Code for 1.20** Cause of self-care difficulties
- 1. Congenital deformity
- 2. Accident in a house/housing area
- 3. Traffic accident
- 4. Work accident
- 5. Sickness
- 6. Old age
- 7. Other (specify) ..............................
- 8. Unknown cause
### Part 2: Mortality

(Interviewer: Please check the household name list from July 1, 2001 till now. Has anyone died? If there is no one who died, please skip to part 3)

2.1 Did any person in Q 1.4 receive code 3 or 6?

1. Yes
2. No (skip to part 3)

<table>
<thead>
<tr>
<th>2.2 First/Last Name</th>
<th>2.3 No. (on page 2)</th>
<th>2.4 D/M/Y of death</th>
<th>2.5 age (years) when the person died</th>
<th>2.6 Sex</th>
<th>2.7 Cause of death (see codes)</th>
<th>2.8 Specify the cause of this person’s death</th>
<th>2.9 Place of death</th>
<th>2.10 Did you register the death?</th>
<th>2.11 The reason for unregistered death (Specify)…</th>
</tr>
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<tbody>
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</tbody>
</table>

**Code for 2.7 Cause of death**

1. Communicable disease  
2. Non-communicable disease  
3. Accident  
4. Homicide  
5. Suicide  
6. Old age (for female: age over 70 and for male, age: over 65)  
7. Other (specify) …………………………………
Part 3: Household characteristics

3.1 In general, what is the main language that members use for communication in this household? (only one answer)
   1. Central -Thai  
   2. Northeastern -Thai  
   3. Mon  
   4. Loa -Soung/Lao -Puan  
   5. Burmese  
   6. Karen  
   7. Chinese  
   8. Other (Specify)……….

3.2 Does this household have electricity?
   1. Yes  
   2. No

3.1.1 What type of electricity?
   1. Public electricity  
   2. Village electricity  
   3. Own household electricity i.e. Solar cell, Batteries

3.3 What kind of fuel is used in daily use? (Please rank from maximum to minimum used.)
   a. Fire  
   b. Charcoal  
   c. Gas  
   d. Electricity  
   e. Other (specify ………………)  

3.4 Does this household have tap water?
   1. Yes  
   2. No

3.5 What is the source of drinking water in this household? (can answer more than one source)
   a. Rain water  
   b. Tap water  
   c. Natural source  
   d. Shallow Well  
   e. Under ground water  
   f. Purchase drinking water

3.6 What is the source of water for household use ? (can answer more than one source)
   a. Rain water  
   b. Tap water  
   c. Natural source  
   d. Shallow Well  
   e. Under ground water  
   f. Purchase drinking water
3.7 **From 1st July 2001 till now,** did this household have enough water supply?
   1. Yes  
   2. No  

3.8 Does this household have it’s *own toilet*?
   1. Yes  
   2. No  

3.8.1 Where is the toilet located? (can answer more than one item)
   a. Inside a house  
   b. At space under a house  
   c. Outside a house  
   d. Other (Specify)……

3.8.2 What is the type of toilet? (can answer more than one item)
   1. Flush toilet (western type)
   2. Squat type (with septic tank)
   3. Squat type (without septic tank)
   4. Open pit (latrine)
   5. Open fill/river/bush
   6. Other (specify) ……………………

3.9 **From 1st July 2000 till now,** did the household have any debt (100 Baht and over, in any form)
   (can answer more than one item)
   1. Yes  
   2. No  

<table>
<thead>
<tr>
<th>Source of debt</th>
<th>Value (Baht)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Relative</td>
<td></td>
</tr>
<tr>
<td>b. Neighbor/Friend /Friend in office (workplace)</td>
<td></td>
</tr>
<tr>
<td>c. Employer/House owner/Money lender</td>
<td></td>
</tr>
<tr>
<td>d. Store or shop</td>
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<tr>
<td>e. Cooperative/ saving group</td>
<td></td>
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<tr>
<td>f. Village fund</td>
<td></td>
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<tr>
<td>g. Bank of Agriculture and cooperative</td>
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<tr>
<td>h. Other Banks</td>
<td></td>
</tr>
<tr>
<td>i. Government organization (i.e. pawnshop, cooperative in organization)</td>
<td></td>
</tr>
<tr>
<td>j. Financial institution (i.e. private pawnshop, financial firm)</td>
<td></td>
</tr>
<tr>
<td>k. SIF project</td>
<td></td>
</tr>
<tr>
<td>l. Other (specify).........................................</td>
<td></td>
</tr>
</tbody>
</table>
3.10 Does your family own these items? If so, how many of each? (Please read to respondent all items)

<table>
<thead>
<tr>
<th>Item</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Colour T.V.</td>
<td></td>
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<tr>
<td>2. VDO/VCD/DVD/Karaoke Player</td>
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<tr>
<td>3. Satellite disk</td>
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<tr>
<td>4. Audio Equipment Stereo</td>
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</tr>
<tr>
<td>5. Mobile phone</td>
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<tr>
<td>6. Telephone</td>
<td></td>
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<tr>
<td>7. Computer</td>
<td></td>
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<tr>
<td>8. Pump Water machine/Electricity machine</td>
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<td>9. Air conditioner</td>
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<tr>
<td>10. Sewing machine</td>
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<td>11. Washing machine</td>
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<tr>
<td>12. Microwave</td>
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<tr>
<td>13. Refrigerator</td>
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<tr>
<td>14. Boat (use motor)</td>
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<tr>
<td>15. Bicycle</td>
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<tr>
<td>16. Motorcycle</td>
<td></td>
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<tr>
<td>17. Tuk tuk</td>
<td></td>
</tr>
<tr>
<td>18. Local truck (use only in agriculture sector)</td>
<td></td>
</tr>
<tr>
<td>19. Car</td>
<td></td>
</tr>
<tr>
<td>20. Pick up/Van</td>
<td></td>
</tr>
<tr>
<td>22. Tractor/Harvest Tractor/Trashing machine/Ploughing machine</td>
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<tr>
<td>23.* Other (specify)</td>
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</table>

* Note: Do not record black/white T.V., radio, rice-cooker, iron, electric fan, electric-pot
Part 4: Environment

**Interviewer:** ‘Land use for agriculture’ could be on owned land or rented land.

4.1 **From 1st July 2001 till now,** did this household use land for agriculture? (Both for selling and consuming) Compare agricultural products between the previous year and this year.

1. Yes
2. No

<table>
<thead>
<tr>
<th>Land use pattern</th>
<th>4.1.1 Land possession</th>
<th>4.1.2 Compare fertility of soil this year to last year (see code)</th>
<th>4.1.3 Compare production this year to last year (see code)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1. Owner</td>
<td>2. Rent</td>
<td>3. Other (Specify)</td>
</tr>
</tbody>
</table>

- a. Rice farming
  - Rice field (transplanted paddy seedlings)
  - Rice field (not transplanted paddy seedlings)
  - Uplands Rice
- b. Sugarcane
- c. Cassava
- d. Corn
- e. Vegetables
- f. Fruit orchard
- g. Mixed field (Integrated farm)
- h. Tree (i.e. teak, eucalyptus) (specify) 
- i. Other crop (specify)
- j. Aquatic animals (specify)
- k. Other animal raising (specify)

<table>
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<tr>
<th></th>
<th>4.1.2</th>
<th>4.1.3</th>
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<tbody>
<tr>
<td>Total</td>
<td>......</td>
<td>.......</td>
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</table>

**Code for 4.1.2 Fertility of soil compared with last year:**

1. Increase
2. Decrease
3. Not change
4. No agricultural activity last year

**Code for 4.1.3 Agricultural production compared with last year:**

1. Increase
2. Decrease
3. Not change
4. No agricultural activity last year

5. No product in this year
4.1.4
Expenditure (Baht)

<table>
<thead>
<tr>
<th>Organic fertilizer</th>
<th>Chemical fertilizer</th>
<th>Herbicide</th>
<th>Insecticide</th>
<th>Wage</th>
<th>Compare expenditure with last year (See code)</th>
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**Code for : Compare expenditure with last year**

1. Increase  
2. Decrease  
3. Not change  
4. No agricultural activity last year

**4.2 From 1st July 2001 till now,** did this household have enough water supply for cultivation?

1. Enough  
2. Not enough  
3. Enough for some seasons  
4. Used the land for cattle
4.3 **From 1st July 2001 till now,** did this household have any of the following problems? (Please read all items to respondent)

<table>
<thead>
<tr>
<th>Problem</th>
<th>Have problem?</th>
<th>Degree of severity</th>
<th>Month, which have the problem</th>
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<tbody>
<tr>
<td></td>
<td>1. Yes</td>
<td>1. Severe</td>
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<td>2. No</td>
<td>2. Moderate</td>
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<td>3. Mild</td>
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1. Noise
2. Smoke
3. Smell
4. Dust
5. Water pollution
6. Garbage/Waste products
7. Mosquito
8. Insect (Specify)………………...
9. Other (Specify)………………...

**PART 5: Government’s policy**

5.1 Does this village have the 1 million baht village fund project?

1. Yes 2. No 3. Do not know

5.1.1 Has any member in your household been involved in this project?

1. Yes 2. No 3. Do not know

5.1.2 (If yes) What is a type of participation? (Can answer more than one item)

a. Developed the project
b. Committee
c. Borrowed money from this fund
d. Member
e. Other (Specify)………………………………….
The opinion of interviewer

Interviewer: After ending this interview, please answer these questions frankly.

1. What was the place where the interview was held like?
   1. Free from disturbances.
   2. There was some disturbance, but it did not affect the interview.
   3. There was a disturbance and it affected the interview.
   4. There was a lot of disturbances and the interview had to be stopped often /it is spoiled the atmosphere.

2. Was there anyone else present during the interview?
   1. Yes, all the time.
   2. Yes, sometimes.
   3. No. (go to Q.5)

3. If there was another person in this interview, who was it? (Can answer more than one person)
   1. Other family members
   2. Friend
   3. Neighbor
   4. Others (specify)…………….

4. Did such person answer or give opinions for the respondent?
   1. Yes, a lot.
   2. Yes, sometimes.
   3. Yes, a little.
   4. No.

5. How much cooperation did the respondent give during the interview?
   1. Very good
   2. Good
   3. Average
   4. Little
6. How did the respondent behave during the interview?
   1. Enjoyed answering
   2. Indifferent
   3. Reluctant to answer some questions. (Specify part/number) .............................
   4. Showed dissatisfaction with some questions. (Specify part/number) ......................

7. In general, what was the quality of the data obtained from this interview like?
   1. Very good          3. Satisfactory
   2. Good               4. Not good, because ..........................