

# Nang Rong Projects

Codebook for the 1994 Community Questionnaire

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## Using this Codebook

This codebook is a product of one questionnaire. One questionnaire was administered to each village. Below are some important things to know when working with this codebook:

### Data File Pointers

There is a data file “pointer” at the top of every page. All variables described on the page are located in the data file named.

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Data File ==> COMM94

### Column x Column

Question No.	Variable			Question	Code
	Name	Type	Size		

- **Question No.** points to the question number on the questionnaire. Some variables, labeled “Created at CPC,” do not come from the questionnaire but have been created using the questionnaire data.
- **Variable** lists the...
  - **Name** which is the SAS variable name in the data file.
  - **Type** which tells whether it is a numeric variable (N) or an alphanumeric variable (A).
  - **Size** which gives the maximum length of the variable.
- **Question** shows the actual question from the questionnaire if the variable is not created. If it is a created variable, then this column provides a short description of the variable. In this same column, below the question or description, is either the labels for each of the codes on this variable or a pointer to go see one of the codebook appendices.
- **Code** lists either the actual values on the variable or the format of those values.

### Variable Naming Convention?

There is not a strict naming convention per se, but there are some things to point out:

- We still adhere to 8 characters or less for all variable names.
- Most variables start with a ‘Q’ followed by the part and question numbers.
- Flag variables created at CPC usually end with ‘FL.’
- An identifier variable ends with the last 2 digits of the survey year from which it came.

### Missing Values

- **Not Applicable:** Variables are assigned this code when the question is skipped according to the logic in the questionnaire. This code is always determined by the maximum length of the variable, sometimes starting with 9’s and ending in an 8. For instance, a variable with a length of 3 is assigned a ‘998’ code. A variable with a length of 1 is assigned an ‘8’ code (with no leading 9’s).
- **Missing/Don’t know:** Variables are assigned this code when the respondent did not know the answer to the question or when the question was skipped during the interview. This code always has a value consisting of all 9’s. The number of 9’s is determined by the length of the variable. For instance, if the variable length is 3, then the variable is assigned a ‘999’ code.

## Identifier Variables for the Community and Household Data

Understanding the identifier variables is vital in working with the data files and merging them appropriately. Analysts will need to consistently use three different types of identifiers – village, household and individual - in working with the community and household data files. Each identifier type represents a different level of observation and detail and provides the key to the most important mechanism for matching and linking villages, households and people. Below, there is a description for each identifier type, which is then followed by the identifier variable names (both restricted- and public-use data) for each survey year:

- **Village** - A unique number was assigned, during or just prior to the data collection, to villages that existed within the boundaries of the 1984 Nang Rong District.

	<u>1984 Survey</u>	<u>1994 Survey</u>	<u>2000 Survey</u>
Restricted	VILL84	VILL94	VILL00
Public	n/a	n/a	n/a

- **Household** - Each household received two unique identifiers. The first identifier was assigned by an interviewer within the household's respective village as the village list was being compiled. The second identifier was written on the household's questionnaire by the interviewer. This identifier includes the village number and the house number (or unique sequential number in 1994).

	<u>1984 Survey</u>	<u>1994 Survey</u>	<u>2000 Survey</u>
Restricted #1	HOUSE84	LEKT194	HOUSE00
Restricted #2	HHID84	HHID94	HHID00
Public	PHHID84	PHHID94	PHHID00

- **Individual** - The individual identifiers (CEP codes) are found on the household roster. The CEP code was assigned by the interviewer as the household roster was being updated during the interview.

	<u>1984 Survey</u>	<u>1994 Survey</u>	<u>2000 Survey</u>
Restricted	CEP84	CEP94	CEP00
Public	CEP84	CEP94	CEP00

Given the three identifier types, the following table shows what identifier variables are needed to uniquely identify a village, a household and an individual in both the restricted- and public-use data:

### Community and Household Survey Data

To uniquely identify a ...	#	Restricted-Use Data			Public-Use Data		
		1984 Survey	1994 Survey	2000 Survey	1984 Survey	1994 Survey	2000 Survey
<b>Village</b>	--	VILL84	VILL94	VILL00	n/a	n/a	n/a
<b>Household</b>	1	VILL84 HOUSE84	VILL94 LEKT194	VILL00 HOUSE00	n/a	n/a	n/a
	2	HHID84	HHID94	HHID00	PHHID84	PHHID94	PHHID00
<b>Individual</b>	1	VILL84 HOUSE84 CEP84	VILL94 LEKT194 CEP94	VILL00 HOUSE00 CEP00	n/a	n/a	n/a
	2	HHID84 CEP84	HHID94 CEP94	HHID00 CEP00	PHHID84 CEP84	PHHID94 CEP94	PHHID00 CEP00

## Identifier Variables for the Migrant Follow-Up Data

The Migrant Follow-Up data has only two identifier types – household and individual. Please note, however, that the household survey identifiers are part of the Migrant Follow-Up data to allow linkages between the migrant and household data. The two migrant identifier types represent a different level of observation and detail that provides the key to the most important mechanism for matching and linking migrant households and people. Below, there is a description for each identifier type, which is then followed by the identifier variable names (both restricted- and public-use data) for each survey year – 1994 and 2000:

- Household** – Each migrant household had an identifier written on the questionnaire by the interviewer. This identifier includes the village number from which the migrant originated and a unique sequential number. In the 2000 data, there were two phases of the Migrant Follow-Up data collection – the urban phase and the rural phase. Since the household identifier (MID00) could be the same across the two phases, a second variable (MIGTYPE), signifying the migrant type, is needed to uniquely identify the household.

	<u>1994 Survey</u>	<u>2000 Survey</u>
Restricted	MID	MID00, MIGTYPE
Public	PMID94	PMID00

- Individual** - The individual identifiers (MCEP codes) are found on the migrant's household roster. The MCEP code was assigned by the interviewer as the migrant's household roster was being updated during the interview.

	<u>1994 Survey</u>	<u>2000 Survey</u>
Restricted	MCEP8	MCEP00
Public	MCEP8	MCEP00

Given these two migrant identifier types, the following table shows what identifier variables are needed to uniquely identify a migrant household and an individual in both the restricted- and public-use data:

### Migrant Follow-Up Data

To uniquely Identify a ...	Restricted-Use Data		Public-Use Data	
	1994 Survey	2000 Survey	1994 Survey	2000 Survey
<b>Migrant Household</b>	MID	MID00 MIGTYPE	PMID94	PMID00
<b>Individual</b>	MID MCEP8	MID00 MIGTYPE MCEP00	PMID94 MCEP8	PMID00 MCEP00

## Codebook for the 1994 Community Questionnaire

### Cover Page of the Questionnaire

Question No.	Variable			Question	Code
	Name	Type	Size		
Created at CPC				1994 Village Number	
	VILL94	A	4	See Village Appendix	
Created at CPC				1984 Village Number	
	VILL84	A	2	For study village, code 1984 village number Non-study village	01 – 51 98
Created at CPC				Sample migrant village	
	MIGVILL	N	1	Not a sample migrant village Sample migrant village	0 1
Created at CPC				Split village	
	SPLTVILL	N	1	Not a split village, not a 1994 study village Not a split village, is a 1994 study village 1 of 2 1994 villages split from same 1984 village 1 of 3 1994 villages split from same 1984 village 1 of 4 1994 villages split from same 1984 village	0 1 2 3 4
				Questionnaire identification number	
	VILID	N	7	First 4 digits are 1994 village number Last 3 digits are questionnaire number	
				Date of interview	
	DATEINT	N	6	Code date, month, year e.g., 15 April 2537 (B.E.) = 150437	
				Total time (length) of interview	
	TIMEINT	N	3	Code the actual number of minutes	
				Interviewer ID	
	INTID	N	3	Code actual number If multiple interviewers then combine numbers	1 – 11

## Community Data

Question No.	Variable			Question	Code
	Name	Type	Size		
I				Information on the respondents	
				<b>Respondent 1</b>	
				Position	
	POSI1	N	2	Subdistrict headman	1
				Subdistrict associate headman	2
				Subdistrict assistant headman	3
				Village headman	4
				Assistant village headman	5
				Village committee member	6
				Head of village health volunteers	7
				Head of housewives group	8
				Senir villager/respected village elder	9
				Member of village health volunteers	10
				Member of housewives group	11
				Subdistrict doctor	12
				Head of village defense cluster	13
				Member of village development volunteers	14
				Assistant of village defense cluster head	15
				N/A	98
				Missing/Don't know	99
				Age	
	AGE1	N	2	Code actual age in years	
				N/A	98
				Refused to answer	99
				Sex	
	SEX1	N	1	Male	1
				Female	2
				N/A	8
				Ban Lek Ti	
	BLT1	N	3	Code the actual Ban Lek Ti	
				No more participants	998
				Missing/Don't know	999

Question No.	Variable			Question	Code
	Name	Type	Size		
				<b>Respondents 2 – 10</b>	
				<b>Respondents 2 – 10 use the same codes as Respondent 1</b>	
I				Position	
	POS12	N	2	Subdistrict headman	1
	POS13	N	2	Subdistrict associate headman	2
	POS14	N	2	Subdistrict assistant headman	3
	POS15	N	2	Village headman	4
	POS16	N	2	Assistant village headman	5
	POS17	N	2	Village committee member	6
	POS18	N	2	Head of village health volunteers	7
	POS19	N	2	Head of housewives group	8
	POS110	N	2	Senir villager/respected village elder	9
				Member of village health volunteers	10
				Member of housewives group	11
				Subdistrict doctor	12
				Head of village defense cluster	13
				Member of village development volunteers	14
				Assistant of village defense cluster head	15
				N/A	98
				Missing/Don't know	99
				Age	
	AGE2	N	2		
	AGE3	N	2		
	AGE4	N	2		
	AGE5	N	2	Code actual age in years	
	AGE6	N	2	N/A	98
	AGE7	N	2	Refused to answer	99
	AGE8	N	2		
	AGE9	N	2		
	AGE10	N	2		
				Sex	
	SEX2	N	1		
	SEX3	N	1		
	SEX4	N	1		
	SEX5	N	1	Male	1
	SEX6	N	1	Female	2
	SEX7	N	1	N/A	8
	SEX8	N	1		
	SEX9	N	1		
	SEX10	N	1		

Question No.	Variable			Question	Code
	Name	Type	Size		
I				Ban Lek Ti	
	BLT2	N	3		
	BLT3	N	3		
	BLT4	N	3		
	BLT5	N	3	Code the actual Ban Lek Ti	
	BLT6	N	3	No more participants	998
	BLT7	N	3	Missing/Don't know	999
	BLT8	N	3		
	BLT9	N	3		
	BLT10	N	3		
				Number of observers	
	NUMIN	N	2	Code the actual number No observers present	1 – 24 98
II				Current Status of the Village	
				Moo Ti	
	MOO	N	2	Code the 1994 Moo number Missing/Don't know	1 – 17 99
				Village Number	
	VILLN	N	4	See Village Appendix	
				Subdistrict	
	SUBD	N	4	Code the 1994 Subdistrict number	1001 – 1028
				District	
	DIS	N	4	See District for Buriram Province Only Appendix	



**Part 1: General Information**

Question No.	Variable			Question	Code
	Name	Type	Size		
1				Since 1970, has this village been a part of another village or not?	
	Q1_1	N	1	Yes No – go to Q3	
2				This village was part of what other village?	
	Q1_2	N	4	See Village Appendix N/A	9998
				When did it become a separate village?	
	BE1_2	N	4	Code the actual B.E. year N/A	2513 – 2537 9998
3				In 1970, what was this village's name?	
	Q1_3	N	4	See Village Appendix	
				Moo?	
	MOO1_3	N	2	Code the moo number	1 – 33
				Subdistrict?	
	SUBD1_3	N	4	Code the subdistrict number	1001 – 1028
4				Since 1970, has this village changed its name?	
	Q1_4	N	1	Yes No – go to Q6	
5				Names of villages since 1970	
				<b>Village Name 1 in 1970</b>	
				Village number	
	Q1_5	N	4	See Village Appendix N/A	9998
				Subdistrict number	
	SUBD70	N	4	Code the 1994 subdistrict number N/A	1001 – 1028 9998
				District number	
	DIS70	N	4	See District for Buriram Province Only Appendix N/A	9998

Question No.	Variable			Question	Code
	Name	Type	Size		
				<b>Village Names 2 – 4</b>	
				<b>Village Names 2 – 4 use the same codes as Village Name 1</b>	
5				Year village changed name	
	Q1_5_2	N	4	Code the actual B.E. year	9998
	Q1_5_3	N	4	N/A	9999
	Q1_5_4	N	4	Missing/Don't know	
				Village number	
	VN1_5_2	N	4	See Village Appendix	9998
	VN1_5_3	N	4	N/A	
	VN1_5_4	N	4		
				Subdistrict number	
	SD1_5_2	N	4	Code the 1994 subdistrict number	9998
	SD1_5_3	N	4	N/A	
	SD1_5_4	N	4		
				District number	
	DIS1_5_2	N	4	See District for Buriram Province Only Appendix	9998
	DIS1_5_3	N	4	N/A	
	DIS1_5_4	N	4		
6				In what year was this village established?	
	Q1_6	N	4	Code the actual B.E. year	9999
				Missing/Don't know	
7				How many houses are in this village?	
	Q1_7	N	3	Code the actual number	999
				Missing/Don't know	
8				How many people live in this village?	
	Q1_8	N	4	Code the actual number	
9				How many male residents in this village?	
	Q1_9	N	4	Code the actual number	9999
				Missing/Don't know	
10				How many female residents in this village?	
	Q1_10	N	4	Code the actual number	9999
				Missing/Don't know	

## Part 2: Transportation

Question No.	Variable			Question	Code
	Name	Type	Size		
11				The road from this village is linked to which major highway?	
	Q2_11	N	1	Chok Chai – Det Udom Nang Rong – Buriram Nang Rong – Lum Plai Mat Nang Rong – Pakum Nang Rong – Lahan Sai Nang Rong – Sueng Sang Nang Rong – Chantaburi Nang Rong – Non Suwan Nang Rong – Tapraya	1 2 3 4 5 6 7 8 9
12				What type of roads link the village to the major highway named in Q11?	
				Asphalt (paved) road?	
	Q2_12_1	N	1	Yes No N/A	1 2 8
	<b>Q2_12_2 – Q2_12_4 use the same codes as Q2_12_1.</b>				
	Q2_12_2	N	1	Gravel road?	
	Q2_12_3	N	1	Cart road?	
	Q2_12_4	N	1	Dirt road?	
13				How long is the road from the village to the major highway?	
	Q2_13	N	5	Code actual number of meters N/A	99998
14				Does the road from the village to the major highway pass through any other villages?	
	Q2_14	N	1	Yes No – go to Q16 N/A	1 2 8

Question No.	Variable			Question	Code
	Name	Type	Size		
15				Which villages does it pass through?	
				<b>Location 1</b>	
	Q2_15_1	N	4	See Village Appendix See Districts in Buriram Province Only Appendix See Province Appendix N/A Missing/Don't know	3 + ### 4 + ### 9998 9999
				<b>Locations 2 - 15</b>	
				<b>Locations 2 - 15 use the same codes as Location 1</b>	
	Q2_15_2	N	4		
	Q2_15_3	N	4		
	Q2_15_4	N	4		
	Q2_15_5	N	4		
	Q2_15_6	N	4		
	Q2_15_7	N	4		
	Q2_15_8	N	4		
	Q2_15_9	N	4		
	Q2_15_10	N	4		
	Q2_15_11	N	4		
	Q2_15_12	N	4		
	Q2_15_13	N	4		
	Q2_15_14	N	4		
	Q2_15_15	N	4		
16				The shortest route from the village to Nang Rong is how many kilometers?	
				Length of road	
	Q2_16_1	N	5	Code the actual number of meters	
				Is the road gravel?	
	Q2_16_2	N	1	Yes No	1 2
				<b>Q2_16_3 - Q2_16_4 use the same codes as Q2_16_1</b>	
	Q2_16_3	N	1	Asphalt	
	Q2_16_4	N	1	Dirt	
				The gravel road is how many kilometers?	
	Q2_16_5	N	5	Code actual number of meters N/A	99998
				<b>Q2_16_6 - Q2_16_7 use the same codes as Q2_16_5</b>	
	Q2_16_6	N	5	Asphalt	
	Q2_16_7	N	5	Dirt	

Question No.	Variable			Question	Code
	Name	Type	Size		
17				Do the villagers use this route to travel to Nang Rong or not?	
	Q2_17	N	1	Yes No	1 2
18				How much time does it take to get to Nang Rong using this route?	
	Q2_18	N	3	Code actual number of minutes	
19				Is there a bus or regular public transport that passes through this village and goes to Nang Rong?	
	Q2_19	N	1	Yes No – go to Q33	1 2
20				How much is the bus fare per person?	
	Q2_20	N	2	Code the actual baht N/A Missing/don't know	98 99
				Is the bus fare one-way or round-trip travel?	
	Q2_20_1	N	1	One-way Round-trip N/A Missing/Don't know	1 2 8 9
21				How many trips does this bus make to Nang Rong per day?	
	Q2_21_1	N	2	Code actual number of trips N/A Missing/Don't know	98 99
				How many trips does this bus make to Nang Rong per week?	
	Q2_21_2	N	3	Code actual number of trips N/A Missing/Don't know	998 999
22				What time does the first bus depart from the village?	
	Q2_22	N	4	Code the actual hour and minute N/A Missing/Don't know	9998 9999

Question No.	Variable			Question	Code
	Name	Type	Size		
23				After it leaves this village, at which villages does the bus stop to pick up or drop off passengers?	
	Q2_23_1	N	4	<b>Location 1</b> See Village Appendix See Districts in Buriram Province Only Appendix See Province Appendix Does not stop at another village N/A  <b>Locations 2 – 20</b>  <b>Locations 2 – 20 use the same codes as Location 1</b>	3 + ### 4 + ### 9997 9998
	Q2_23_2	N	4		
	Q2_23_3	N	4		
	Q2_23_4	N	4		
	Q2_23_5	N	4		
	Q2_23_6	N	4		
	Q2_23_7	N	4		
	Q2_23_8	N	4		
	Q2_23_9	N	4		
	Q2_23_10	N	4		
	Q2_23_11	N	4		
	Q2_23_12	N	4		
	Q2_23_13	N	4		
	Q2_23_14	N	4		
	Q2_23_15	N	4		
	Q2_23_16	N	4		
	Q2_23_17	N	4		
	Q2_23_18	N	4		
	Q2_23_19	N	4		
	Q2_23_20	N	4		
24				Which village does the first bus usually start from?	
	Q2_24	N	4	See Village Appendix See Districts in Buriram Province Only Appendix See Province Appendix N/A Missing/Don't know	3 + ### 4 + ### 9998 9999

Question No.	Variable			Question	Code
	Name	Type	Size		
25				Before it reaches this village, what villages does the bus stop at to pick up or drop off passengers?	
	Q2_25_1	N	4	<p><b>Location 1</b></p> <p>See Village Appendix                      See Districts in Buriram Province Only Appendix                      See Province Appendix                      Does not stop at another village                      N/A</p> <p><b>Locations 2 – 14</b></p> <p><b>Locations 2 – 14 use the same codes as Location 1</b></p>	<p>3 + ###                      4 + ###                      9997                      9998</p>
	Q2_25_2	N	4		
	Q2_25_3	N	4		
	Q2_25_4	N	4		
	Q2_25_5	N	4		
	Q2_25_6	N	4		
	Q2_25_7	N	4		
	Q2_25_8	N	4		
	Q2_25_9	N	4		
	Q2_25_10	N	4		
	Q2_25_11	N	4		
	Q2_25_12	N	4		
	Q2_25_13	N	4		
	Q2_25_14	N	4		
26				What time does the second bus depart from this village for Nang Rong?	
	Q2_26	N	4	<p>Code the actual hour and minute                      No second bus                      N/A                      Missing/Don't know</p>	<p>9997                      9998                      9999</p>

Question No.	Variable			Question	Code
	Name	Type	Size		
27				Does it use the same route as the first bus?	
	Q2_27	N	1	Yes – go to Q28 No No second bus N/A	1 2 7 8
				What villages does the second bus go through?	
	Q2_27_1	N	4	<b>Village 1</b> Code the village number Does not stop at another village N/A  <b>Villages 2 – 10</b>  <b>Villages 2 – 10 use the same codes as Village 1</b>	9997 9998
	Q2_27_2	N	4		
	Q2_27_3	N	4		
	Q2_27_4	N	4		
	Q2_27_5	N	4		
	Q2_27_6	N	4		
	Q2_27_7	N	4		
	Q2_27_8	N	4		
	Q2_27_9	N	4		
	Q2_27_10	N	4		
28				What time does the last bus depart from this village for Nang Rong?	
	Q2_28	N	4	Code the actual hour and minute No more buses N/A Missing/Don't know	9997 9998 9999
29				What time does the first bus leave Nang Rong on its way back to this village?	
	Q2_29	N	4	Code the actual time N/A Missing/Don't know	9998 9999
30				What time does the first bus returning from Nang Rong arrive in this village?	
	Q2_30	N	4	Code the actual time N/A Missing/Don't know	9998 9999



Question No.	Variable			Question	Code
	Name	Type	Size		
31				What time does the second bus returning from Nang Rong arrive in this village?	
	Q2_31	N	4	Code the actual time No second bus N/A Missing/Don't know	9997 9998 9999
32				What time does the last bus returning from Nang Rong arrive in this village?	
	Q2_32	N	4	Code the actual time No more buses N/A Missing/Don't know	9997 9998 9999
33				During what season or month is it difficult to travel to Nang Rong?	
				From month	
	Q2_33	N	2	Code the month number (e.g., January = 01) N/A	98
				To month	
	Q33_1	N	2	Code the month number (e.g., December = 12) N/A	98

**For those villages who have a bus or public transport pass through the village only.**

34				During the period when travel to Nang Rong is difficult, does the bus run to Nang Rong?	
	Q2_34	N	1	Yes No Infrequent service N/A	1 2 3 8

Question No.	Variable			Question	Code
	Name	Type	Size		
34				What is the reason for infrequent service?	
	Q2_34_1	N	2	Slippery road	1
				Difficult to drive the route	2
				Rough road	3
				Inconvenient route	4
				Bus stuck in a bog or muddy hole	5
				No passengers during farming season	6
				Rainfall	7
				Farming activities	8
				Few buses operating	9
				Wet road	10
				The farmers are working and rarely traveling	11
				No bus available	12
				Muddy road	13
				Bumpy road (with potholes)	14
				No infrequent bus service	97
				N/A	98
				Missing/Don't know	99
35				To which districts, other than Nang Rong district, do villagers travel?	
				<b>Location 1</b>	
				District or Province	
	Q2_35_1	N	4	See Districts in Buriram Province Only Appendix	3 + ###
				See Province Appendix	4 + ###
				N/A	9998
				<b>Primary reason for going</b>	
	RSF35_1	N	1	Contact government officials	1
				Sell vegetables, rice, cassava, jute, etc.	2
				Buy various household items	3
				Go to the hospital	4
				Trade activities	5
				Buy food	6
				Visit relatives	7
				N/A	8
				<b>Secondary reason for going</b>	
	RSF35_1	N	1	Contact government officials	1
				Sell vegetables, rice, cassava, jute, etc.	2
				Buy various household items	3
				Go to the hospital	4
				Trade activities	5
				Buy food	6
				Visit relatives	7
				N/A	8
				No secondary reason	0

Question No.	Variable			Question	Code
	Name	Type	Size		
				<b>Locations 2 – 7</b>	
				<b>Locations 2 – 7 use the same codes as Location 1</b>	
35				District or Province	
	Q2_35_2	N	4		
	Q2_35_3	N	4		
	Q2_35_4	N	4	See District for Buriram Province Only Appendix	3 + ###
	Q2_35_5	N	4	See Province Appendix	4 + ###
	Q2_35_6	N	4	N/A	9998
	Q2_35_7	N	4		
				<b>Primary reason for going</b>	
	RSF35_2	N	1	Contact government officials	1
	RSF35_3	N	1	Sell vegetables, rice, cassava, jute, etc.	2
	RSF35_4	N	1	Buy various household items	3
	RSF35_5	N	1	Go to the hospital	4
	RSF35_6	N	1	Trade activities	5
	RSF35_7	N	1	Buy food	6
				Visit relatives	7
				N/A	8
				<b>Secondary reason for going</b>	
	RSS35_2	N	1	Contact government officials	1
	RSS35_3	N	1	Sell vegetables, rice, cassava, jute, etc.	2
	RSS35_4	N	1	Buy various household items	3
	RSS35_5	N	1	Go to the hospital	4
	RSS35_6	N	1	Trade activities	5
	RSS35_7	N	1	Buy food	6
				Visit relatives	7
				N/A	8
				No Secondary Reason	0

## Part 3: Education

Question No.	Variable			Question	Code
	Name	Type	Size		
36				In this village, is there a primary school?	
	Q3_36	N	1	Yes No – go to Q40	1 2
37				This school offers instruction from what level to what level?	
				From level	
	Q3_37	N	2	Pratom 1 N/A	1 98
				To level	
	Q3_37_1	N	2	Code academic level (e.g., Pratom 6 = 6) N/A	98
38				The school was established on what date?	
	Q3_38	N	4	Code the actual B.E. year N/A	9998
39				Before there was a primary school in this village, where did the children go for primary school?	
	Q3_39_1	N	4	<b>Location 1</b> See Village Appendix See Districts in Buriram Province Only Appendix See Province Appendix N/A Missing/Don't know	3 + ### 4 + ### 9998 9999
				<b>Locations 2 – 3 use the same codes as Location 1</b>	
	Q3_39_2	N	4		
	Q3_39_3	N	4		
40				Where do the children in this village go to attend primary school?	
				<b>Location 1</b>	
				Village or District	
	Q3_40_1	N	4	See Village Appendix See Districts in Buriram Province Only Appendix N/A	3 + ### 9998

Question No.	Variable			Question	Code
	Name	Type	Size		
40				From level	
	LF40_1	N	2	Pratom 1 N/A Missing/Don't know	1 98 99
				To level	
	CLSS40_1	N	2	Code academic level (e.g., Pratom 6 = 6) N/A  <b>Locations 2 – 3</b>  <b>Locations 2 – 3 use the same codes as Location 1</b>	98
				Village or District	
	Q3_40_2	N	4	See Village Appendix	3 + ### 9998
	Q3_40_3	N	4	See Districts in Buriram Province Only Appendix N/A	
				From level	
	LF40_2	N	2	Pratom 1	1
	LF40_3	N	2	N/A Missing/Don't know	98 99
				To level	
	CLSS40_2	N	2	Code academic level (e.g., Pratom 6 = 6)	98
	CLSS40_3	N	2	N/A	

**Ask only those villages with more than one location in Q40**

41				Where do most of the children in this village go to primary school?	
	Q3_41	N	4	See Village Appendix N/A Missing/Don't know	9998 9999

42				This school offers instruction from what level to what level?	
				From level	
	Q3_42	N	2	Pratom 1 N/A Missing/Don't know	1 98 99
				To level	
	Q3_42_1	N	2	Code academic level (e.g., Pratom 6 = 6) N/A Missing/Don't know	98 99

Question No.	Variable			Question	Code
	Name	Type	Size		
43				In this village, is there a secondary school?	
	Q3_43	N	1	Yes No – go to Q47	1 2
44				This school offers instruction from what level to what level?	
				From level	
	Q3_44	N	2	Code academic level (e.g., M.1 = 7) N/A	98
				To level	
	Q3_44_1	N	2	Code academic level (e.g., M.3 = 9) N/A	98
45				When was this secondary school established?	
	Q3_45	N	4	Code the B.E. year N/A	9998
46				Before there was a secondary school in this village, where did children in this village go to attend secondary school?	
				<b>Location 1</b>	
	Q3_46_1	N	4	See Village Appendix See Districts in Buriram Province Only Appendix See Province Appendix N/A Missing/Don't know	3 + ### 4 + ### 9998 9999
				<b>Locations 2 – 3 use the same codes as Location 1</b>	
	Q3_46_2	N	4		
	Q3_46_3	N	4		

**Skip Pattern:**

If responded to Q46, then go to Q50.

Question No.	Variable			Question	Code	
	Name	Type	Size			
47				Where do the children in this village go to attend secondary school?		
				<b>Location 1</b>		
				Village, District or Province		
		Q3_47_1	N	4	See Village Appendix See Districts in Buriram Province Only Appendix See Province Appendix N/A	3 + ### 4 + #### 9998
					From level	
		LF47_1	N	2	Code academic level (e.g., M.1 = 7) N/A Missing/Don't know	98 99
					To level	
		CLSS47_1	N	2	Code academic level (e.g., M.3 = 9) N/A Missing/Don't know	98 99
					<b>Locations 2 – 3</b>	
					<b>Locations 2 – 3 use the same codes as Location 1</b>	
					Village, District or Province	
		Q3_47_2 Q3_47_3	N N	4 4	See Village Appendix See Districts in Buriram Province Only Appendix See Province Appendix N/A	3 + ### 4 + #### 9998
					From level	
		LF47_2 LF47_3	N N	2 2	Code academic level (e.g., M.1 = 7) N/A Missing/Don't know	98 99
					To level	
	CLSS47_2 CLSS47_3	N N	2 2	Code academic level (e.g., M.3 = 9) N/A Missing/Don't know	98 99	

Question No.	Variable			Question	Code
	Name	Type	Size		

**Ask only those villages with more than one location in Q47**

48				Where do most children in this village go to attend secondary school?	
	Q3_48	N	4	See Village Appendix See Districts in Buriram Province Only Appendix N/A	3 + ### 9998

49				This school offers instruction from what level to what level?	
				From level	
	Q3_49	N	2	Code academic level (e.g., M.1 = 7) N/A	98
				To level	
	Q3_49_1	N	2	Code academic level (e.g., M.3 = 9) N/A	98



**Part 4: Water Resources**

Question No.	Variable			Question	Code
	Name	Type	Size		
50				What sources of water do you use for agriculture besides rain water?	
	Q4_50	N	2	Creek	1
				Pond	2
				Canal	3
				Small	4
				Lummas (mat Creek)	5
				Nang Rong creek	6
				Pateer creek	7
				Swamp	8
				Rahan Canal	9
				Spillway	10
				Skutnak canal	11
				Natural well water	12
				Khon-yang brook	13
				Saiyong creek	14
				Small irrigation scheme	15
				Krok Pluang canal	16
				Small reservoir	17
				Dug/artesian well	18
				Nong Pluang pond	19
				Buri canal	20
				Taluang canal	21
				Tub-ruk swamp	22
				N/A	98
51				Where is the first source of water?	
	Q4_51	N	1	Inside the village	1
				Outside the village	2
				Both inside and outside the village	3
				N/A	8

Question No.	Variable			Question	Code
	Name	Type	Size		
52				Which other villages share this water source?	
	Q4_52_1	N	4	<b>Location 1</b> See Village Appendix See Districts in Buriram Province Only Appendix See Province Appendix N/A  <b>Locations 2 – 13</b>  <b>Locations 2 – 13 use the same codes as Location 1</b>	3 + ### 4 + ### 9998
	Q4_52_2	N	4		
	Q4_52_3	N	4		
	Q4_52_4	N	4		
	Q4_52_5	N	4		
	Q4_52_6	N	4		
	Q4_52_7	N	4		
	Q4_52_8	N	4		
	Q4_52_9	N	4		
	Q4_52_10	N	4		
	Q4_52_11	N	4		
	Q4_52_12	N	4		
	Q4_52_13	N	4		
53				In general, is there sufficient water for use in agriculture?	
	Q4_53	N	1	Yes – go to Q55 No	1 2
54				This year, when was the water shortage for planting rice?	
				From month	
	Q4_54	N	2	Code the month number (e.g., January = 1) N/A	98
				To month	
	Q4_54_1	N	2	Code the month number (e.g., December = 12) N/A	98
55				In this village, is there any problem with the quality of water used or agriculture?	
	Q4_55	N	1	Yes No – go to Q58	1 2

Question No.	Variable			Question	Code
	Name	Type	Size		
56				If yes, what is the problem?	
	Q4_56	N	1	Water with black color	1
				Turbid water	2
				Yellow water	3
				Plants die when water is used for irrigation	4
				Brackish water	5
				N/A	8
57				What are the solutions to this problem?	
	Q4_57	N	1	Scatter alum over surface	1
				Stir in alum	2
				Filter the water	3
				Plant water hyacinths	4
				N/A	8
				Missing/Don't know	9
58				In this village is there a public dug well or a public well with a PCV hand pump for drinking or household use?	
	Q4_58	N	1	Yes	1
				No – go to Q60	2
59				In this village, how many public sources of drinking or household use water (e.g. dug wells, wells with PCV hand pumps, and other water sources) are there in total?	
	Q4_59	N	2	Code the actual number	
				N/A	98
60				What is the villagers' primary source of drinking water?	
	Q4_60	N	1	Natural well drinking water	1
				Rain water	2
				Pond water	3
				Piped water	4
				Dug/artesian well water	5
				N/A	8
61				Is there a second source of drinking water in this village?	
	Q4_61	N	1	Yes	1
				No – go to Q63	2

Question No.	Variable			Question	Code
	Name	Type	Size		
62				What is the type of the second source of drinking water?	
	Q4_62	N	1	Natural well drinking water Rain water Pond water Piped water Dug/artesian well water Pateer Creek water Hand pump well water N/A	1 2 3 4 5 6 7 8
63				Generally, in this village, are there any problems concerning drinking water?	
	Q4_63	N	1	Yes No	1 2
64				In this village, is the drinking water sufficient throughout the whole year?	
	Q4_64	N	1	Yes – go to Q66 No	1 2
65				When does the shortage of drinking water usually occur?	
				From month	
	Q4_65	N	2	Code the month number (e.g., January = 01) N/A	98
				To month	
	Q4_65_1	N	2	Code the month number (e.g., December = 12) N/A	98
66				Is there any problem with the quality of the drinking water in this village?	
	Q4_66	N	1	Yes No – go to Part 5	1 2

Question No.	Variable			Question	Code
	Name	Type	Size		
67				What is the problem?	
	Q4_67	N	2	Water is yellow	1
				Brackish water	2
				Salty tasting water	3
				Tasteless water	4
				Sediment-filled water	5
				Rust-filled water	6
				Putrid water	7
				Turbid water	8
				Water has an offensive odor	9
				Water has slimy residue	10
				Water is not clean	11
				N/A	98
68				How is the problem solved?	
	Q4_68	N	1	Add chlorine	1
				Add alum	2
				Report to amphur (district officials)	3
				Allow sediment to settle	4
				Boil	5
				Filter water	6
				N/A	8
				Missing/Don't know	9

## Part 5: Occupation

Question No.	Variable			Question	Code
	Name	Type	Size		
69				Do villagers go out in groups to work in other villages?	
	Q5_69	N	1	Yes No – go to Q74	1 2
70				Which villages do they go to work in most often?	
	Q5_70_1	N	4	<b>Location 1</b> See Village Appendix See Districts in Buriram Province Only Appendix See Province Appendix N/A	3 + ### 4 + ### 9998
				<b>Locations 2 – 10</b> <b>Locations 2 – 10 use the same codes as Location 1</b>	
	Q5_70_2	N	4		
	Q5_70_3	N	4		
	Q5_70_4	N	4		
	Q5_70_5	N	4		
	Q5_70_6	N	4		
	Q5_70_7	N	4		
	Q5_70_8	N	4		
	Q5_70_9	N	4		
	Q5_70_10	N	4		

Question No.	Variable			Question	Code
	Name	Type	Size		
71				When villagers go to other villages for agricultural work, how much is their daily wage for planting or harvesting rice?	
				<b>Males</b>	
				Go to other villages for this type of work?	
	Q5_71_1	N	1	Yes No	1 2
				Period of highest labor demand	
	BSY71_1	N	3	Code the actual wage amount in baht N/A	998
				Period of lowest labor demand	
	NBSY71_1	N	3	Code the actual wage amount in baht N/A	998
				<b>Females</b>	
				Go to other villages for this type of work?	
	Q5_71_2	N	1	Yes No	1 2
				Period of highest labor demand	
	BSY71_2	N	3	Code the actual wage amount in baht N/A	998
				Period of lowest labor demand	
	NBSY71_2	N	3	Code the actual wage amount in baht N/A	998
				<b>Children</b>	
				Go to other villages for this type of work?	
	Q5_71_3	N	1	Yes No	1 2
				Period of highest labor demand	
	BSY71_3	N	3	Code the actual wage amount in baht N/A	998
				Period of lowest labor demand	
	NBSY71_3	N	3	Code the actual wage amount in baht N/A	998

Question No.	Variable			Question	Code
	Name	Type	Size		
72				When villagers go to other villages for agricultural work, how much is their daily wage for planting, making cuttings of, harvesting, or weeding cassava?	
				<b>Males</b>	
				Go to other villages for this type of work?	
	Q5_72_1	N	1	Yes No	1 2
				Period of highest labor demand	
	BSY72_1	N	3	Code the actual wage amount in baht N/A	998
				Period of lowest labor demand	
	NBSY72_1	N	3	Code the actual wage amount in baht N/A	998
				<b>Females</b>	
				Go to other villages for this type of work?	
	Q5_72_2	N	1	Yes No	1 2
				Period of highest labor demand	
	BSY72_2	N	3	Code the actual wage amount in baht N/A	998
				Period of lowest labor demand	
	NBSY72_2	N	3	Code the actual wage amount in baht N/A	998
				<b>Children</b>	
				Go to other villages for this type of work?	
	Q5_72_3	N	1	Yes No	1 2
				Period of highest labor demand	
	BSY72_3	N	3	Code the actual wage amount in baht N/A	998
				Period of lowest labor demand	
	NBSY72_3	N	3	Code the actual wage amount in baht N/A	998



Question No.	Variable			Question	Code
	Name	Type	Size		
73				When a villager goes to other villages for agricultural work, how much is their daily wage for planting or harvesting sugar cane?	
				<b>Males</b>	
				Go to other villages for this type of work?	
	Q5_73_1	N	1	Yes No	1 2
				Period of highest labor demand	
	BSY73_1	N	3	Code the actual wage amount in baht N/A	998
				Period of lowest labor demand	
	NBSY73_1	N	3	Code the actual wage amount in baht N/A	998
				<b>Females</b>	
				Go to other villages for this type of work?	
	Q5_73_2	N	1	Yes No	1 2
				Period of highest labor demand	
	BSY73_2	N	3	Code the actual wage amount in baht N/A	998
				Period of lowest labor demand	
	NBSY73_2	N	3	Code the actual wage amount in baht N/A	998
				<b>Children</b>	
				Go to other villages for this type of work?	
	Q5_73_3	N	1	Yes No	1 2
				Period of highest labor demand	
	BSY73_3	N	3	Code the actual wage amount in baht N/A	998
				Period of lowest labor demand	
	NBSY73_3	N	3	Code the actual wage amount in baht N/A	998

Question No.	Variable			Question	Code
	Name	Type	Size		
74				Does this village occasionally have to hire groups of laborers from other villages?	
	Q5_74	N	1	Yes No – go to Q77	1 2
75				From which villages do these groups of laborers often come?	
	Q5_75_1	N	4	<b>Location 1</b> See Village Appendix See Districts in Buriram Province Only Appendix See Province Appendix N/A	3 + ### 4 + ### 9998
				<b>Locations 2 – 9</b>	
				<b>Locations 2 – 9 use the same codes as Location 1</b>	
	Q5_75_2	N	4		
	Q5_75_3	N	4		
	Q5_75_4	N	4		
	Q5_75_5	N	4		
	Q5_75_6	N	4		
	Q5_75_7	N	4		
	Q5_75_8	N	4		
	Q5_75_9	N	4		

Question No.	Variable			Question	Code
	Name	Type	Size		
76				When people from other villages come to this village for agricultural work, how much is their daily wage for planting or harvesting rice?	
				<b>Males</b>	
				Go to other villages for this type of work?	
	Q5_76_1	N	1	Yes No	1 2
				Period of highest labor demand	
	BSY76_1	N	3	Code the actual wage amount in baht N/A	998
				Period of lowest labor demand	
	NBSY76_1	N	3	Code the actual wage amount in baht N/A	998
				<b>Females</b>	
				Go to other villages for this type of work?	
	Q5_76_2	N	1	Yes No	1 2
				Period of highest labor demand	
	BSY76_2	N	3	Code the actual wage amount in baht N/A	998
				Period of lowest labor demand	
	NBSY76_2	N	3	Code the actual wage amount in baht N/A	998
				<b>Children</b>	
				Go to other villages for this type of work?	
	Q5_76_3	N	1	Yes No	1 2
				Period of highest labor demand	
	BSY76_3	N	3	Code the actual wage amount in baht N/A	998
				Period of lowest labor demand	
	NBSY76_3	N	3	Code the actual wage amount in baht N/A Missing/Don't know	998 999

Question No.	Variable			Question	Code
	Name	Type	Size		
77				In the last 12 months, when young men left to work outside this village, where did they go to find work and what kind of work were they likely to get?	
				<b>Destination 1</b>	
				Village, District or Province	
	Q5_77_1	N	4	See Districts in Buriram Province Only Appendix See Province Appendix See Country Appendix N/A	3 + ### 4 + ### 5 + ### 9998
				Occupations 1 – 3	
	PRC77_1 SEC77_1 TEC77_1	N N N	2 2 2	See Occupation outside Village Appendix N/A	98
				<b>Destination 2</b>	
				Village, District or Province	
	Q5_77_2	N	4	See Districts in Buriram Province Only Appendix See Province Appendix See Country Appendix N/A	3 + ### 4 + ### 5 + ### 9998
				Occupations 1 – 3	
	PRC77_2 SEC77_2 TEC77_2	N N N	2 2 2	See Occupation outside Village Appendix N/A	98
				<b>Destination 3</b>	
				Village, District or Province	
	Q5_77_3	N	4	See Districts in Buriram Province Only Appendix See Province Appendix See Country Appendix N/A	3 + ### 4 + ### 5 + ### 9998
				Occupations 1 – 3	
	PRC77_3 SEC77_3 TEC77_3	N N N	2 2 2	See Occupation outside Village Appendix N/A	98

Question No.	Variable			Question	Code
	Name	Type	Size		
78				In the last 12 months, did they return to visit this village?	
	Q5_78	N	1	Yes No – go to Q81 N/A	1 2 8
79				Approximately how many times did they return?	
	Q5_79	N	1	Code the actual number of times N/A	8
80				When do most of these young men return to visit the village?	
	Q5_80	N	2	<b>Most popular time</b> Thai New Year (Songkarn) The beginning of Buddhist Lent The end of Buddhist Lent Loi Kratong festival New Year (January 1) Chinese New Year Cultivation period Katin Festival Both beginning and end of Buddhist Lent N/A	1 2 3 4 5 6 7 8 23 98
				<b>Times 2 – 8</b>	
				<b>Times 2 – 8 use the same codes as the Most Popular Time</b>	
	Q5_80_2	N	2		
	Q5_80_3	N	2		
	Q5_80_4	N	2		
	Q5_80_5	N	2		
	Q5_80_6	N	2		
	Q5_80_7	N	2		
	Q5_80_8	N	2		
81				What percentage of these young men will return to live in the village permanently?	
	Q5_81	N	1	Almost everyone returns (81 – 100%) Most return (61 – 80%) Half return (41 – 60%) A few return (21 – 40%) Hardly any return (0 – 20%) N/A	1 2 3 4 5 8

Question No.	Variable			Question	Code
	Name	Type	Size		
82				In the last 12 months, when young women left to work outside this village, where did they go to find work and what kind of work were they likely to get?	
				<b>Destination 1</b>	
				Village, District or Province	
	Q5_82_1	N	4	See Districts in Buriram Province Only Appendix See Province Appendix N/A	3 + ### 4 + ### 9998
				Occupations 1 – 3	
	PRC82_1 SEC82_1 TEC82_1	N N N	2 2 2	See Occupation outside Village Appendix N/A	98
				<b>Destination 2</b>	
				Village, District or Province	
	Q5_82_2	N	4	See Districts in Buriram Province Only Appendix See Province Appendix N/A	3 + ### 4 + ### 9998
				Occupations 1 – 3	
	PRC82_2 SEC82_2 TEC82_2	N N N	2 2 2	See Occupation outside Village Appendix N/A	98
				<b>Destination 3</b>	
				Village, District or Province	
	Q5_82_3	N	4	See Districts in Buriram Province Only Appendix See Province Appendix N/A	3 + ### 4 + ### 9998
				Occupations 1 – 3	
	PRC82_3 SEC82_3 TEC82_3	N N N	2 2 2	See Occupation outside Village Appendix N/A	98

Question No.	Variable			Question	Code
	Name	Type	Size		
83				In the last 12 months, did they return to visit this village?	
	Q5_83	N	1	Yes No – go to Q86	1 2
84				Approximately how many times did they return?	
	Q5_84	N	1	Code the actual number of times N/A	8
85				When do most of these young women return to visit the village?	
	Q5_85	N	2	<b>Most popular time</b> Thai New Year (Songkarn) The beginning of Buddhist Lent The end of Buddhist Lent Loi Kratong festival New Year (January 1) Chinese New Year Cultivation period Katin Festival Both beginning and end of Buddhist Lent N/A	1 2 3 4 5 6 7 8 23 98
				<b>Times 2 – 8</b>	
				<b>Times 2 – 8 use the same codes as the Most Popular Time</b>	
	Q5_85_2	N	2		
	Q5_85_3	N	2		
	Q5_85_4	N	2		
	Q5_85_5	N	2		
	Q5_85_6	N	2		
	Q5_85_7	N	2		
	Q5_85_8	N	2		
86				What percentage of these young women will return to live in the village permanently?	
	Q5_86	N	1	Almost everyone returns (81 – 100%) Most return (61 – 80%) Half return (41 – 60%) A few return (21 – 40%) Hardly any return (0 – 20%) N/A	1 2 3 4 5 8

## Part 6: Agricultural Technology

Question No.	Variable			Question	Code
	Name	Type	Size		
87				How many rice mills are in this village?	
	Q6_87	N	1	Code the actual number	0 – 8
88				Information on the rice mills	
				<b>Rice Mill 1</b>	
				Name of rice mill	
	Q6_88N1	N	2	Apron mill	1
				Kithphisarn mill	2
				Prakopphnedpon mill	3
				Sumittra mill	4
				Choksombat mill	5
				Boonanan mill	6
				Seangta mill	7
				Muengnateethong mill	8
				Deth-udom mill	9
				Mae-keng mill	10
				Sri-phanomrung mill	11
				Sri-pruchapanich mill	12
				Sittiphuedpon mill	13
				Don't have name of mill	97
				N/A	98
				Location of the Owner of the rice mill	
	Q6_88_1	N	4	Ban Lek Ti in the village	1 – 365
				See Village Appendix	
				See Districts in Buriram Province Only Appendix	3 + ###
				N/A	9998



Question No.	Variable			Question	Code
	Name	Type	Size		
				<b>Rice Mills 2 – 8</b>	
				<b>Rice Mills 2 – 8 use the same coding as Rice Mill 1</b>	
88				Name of Rice Mill	
	Q6_88N2	N	2	Apron mill	1
	Q6_88N3	N	2	Kithphisarn mill	2
	Q6_88N4	N	2	Prakopphnedpon mill	3
	Q6_88N5	N	2	Sumittra mill	4
	Q6_88N6	N	2	Choksombat mill	5
	Q6_88N7	N	2	Boonanan mill	6
	Q6_88N8	N	2	Seangta mill	7
				Muengnateethong mill	8
				Deth-udom mill	9
				Mae-keng mill	10
				Sri-phanomrung mill	11
				Sri-pruchapanich mill	12
				Sittiphuedpon mill	13
				Don't have name of mill	97
				N/A	98
				Location of the Owner of the rice mill	
	Q6_88_2	N	4		
	Q6_88_3	N	4		
	Q6_88_4	N	4	Ban Lek Ti in the village	1 – 365
	Q6_88_5	N	4	See Village Appendix	
	Q6_88_6	N	4	See Districts in Buriram Province Only Appendix	3 + ###
	Q6_88_7	N	4	N/A	9998
	Q6_88_8	N	4		
89				Do farmers in the village hire tractors from other villages?	
	Q6_89			Yes	1
				No – go to Q91	2
90				Hire tractors from which villages?	
				<b>Location 1</b>	
	Q6_90_1	N	4	See Village Appendix	3 + ###
				See Districts in Buriram Province Only Appendix	4 + ###
				See Province Appendix	9998
				N/A	
				<b>Locations 2 – 5 use the same codes as Location 1</b>	
	Q6_90_2	N	4		
	Q6_90_3	N	4		
	Q6_90_4	N	4		
	Q6_90_5	N	4		

Question No.	Variable			Question	Code
	Name	Type	Size		
91				When hiring a walking tractor for the first plowing of a rice paddy, how much does it cost per rai?	
	Q6_91	N	3	Code actual amount in baht Don't ever hire Missing/Don't know	998 999
92				When hiring large tractors for plowing cassava fields, how much does it cost per rai?	
	Q6_92_1	N	3	Code actual amount in baht Don't ever hire Missing/Don't know	998 999
				When hiring walking tractors for plowing cassava fields, how much does it cost per rai?	
	Q6_92_2	N	3	Code actual amount in baht Don't ever hire Missing/Don't know	998 999
93				What kinds of fertilizers do villagers use? Where can they buy them and how much do they cost?	
				<b>Chemical Fertilizer</b>	
				Buy chemical fertilizers within the village?	
	Q6_93CFI	N	1	Yes No – go to Q6_93CF Do not use chemical fertilizer at all	1 2 8
				Buy from what source within the village?	
	BP93CFI	N	1	Cooperative Private store N/A	1 2 8
				Buy at what price per unit within the village?	
	PR93CFI	N	3	Code the actual amount in baht N/A	998
				Buy in what units within the village?	
	UT93CFI	N	1	Gasob (sak) N/A Missing/Don't know	1 8 9
				Buy from outside the village?	
	Q6_93CF	N	1	Yes No – go to Q6_93OFI	1 2

Question No.	Variable			Question	Code
	Name	Type	Size		
93				Where do they buy outside the village?	
	VN93CF	N	4	See Village Appendix See Districts in Buriram Province Only Appendix N/A	3 + #### 9998
				Buy from what source outside the village?	
	BP93CF	N	1	Cooperative Private store Cooperative and private store N/A	1 2 3 8
				Buy at what price per unit outside the village?	
	PR93CF	N	3	Code the actual amount in baht N/A	998
				Buy in what units outside the village?	
	UT93CF	N	1	Gasob (sak) Bag N/A Missing/Don't know	1 2 8 9
				<b>Organic Fertilizer</b>	
				Buy organic fertilizers within the village?	
	Q6_93OFI	N	1	Yes No – go to Q6_93OF Do not use organic fertilizer at all	1 2 8
				Buy from what source within the village?	
	BP93OFI	N	1	Cooperative Private store Cooperative and private store Buy from other households Made by household N/A Missing/Don't know	1 2 3 4 7 8 9
				Buy at what price per unit within the village?	
	PR93OFI	N	3	Code the actual amount in baht Make their own N/A Missing/Don't know	997 998 999

Question No.	Variable			Question	Code
	Name	Type	Size		
93				Buy in what units within the village?	
	UT93OFI	N	1	Gasob (sak) Bag Make their own, for use in household only N/A Missing/Don't know	1 2 7 8 9
				Buy from outside the village?	
	Q6_93OF	N	1	Yes No – go to Q6_93CO/ Do not use organic fertilizer	1 2 8
				Where do they buy outside the village?	
	VN93OF	N	4	See Village Appendix See Districts in Buriram Province Only Appendix N/A	3 + ##### 9998
				Buy from what source outside the village?	
	BP93OF	N	1	Cooperative Private store Cooperative and private store Buy from other households N/A Missing/Don't know	1 2 3 4 8 9
				Buy at what price per unit outside the village?	
	PR93OF	N	3	Code the actual amount in baht N/A	998
				Buy in what units outside the village?	
	UT93OF	N	1	Gasob (sak) N/A	1 8

Question No.	Variable			Question	Code
	Name	Type	Size		
				<b>Composted Fertilizer</b>	
93				Buy composted fertilizers within the village?	
	Q6_93COI	N	1	Yes	1
				No – go to Q6_94_1	2
				Do not use composted fertilizer at all	8
				Buy from what source within the village?	
	BP93COI	N	1	Cooperative	1
				Private store	2
				Cooperative and private store	3
				Buy from other households	4
				Made by household	7
				N/A	8
				Missing/Don't know	9
				Buy at what price per unit within the village?	
	PR93COI	N	3	Code the actual amount in baht	
				Make their own	997
				N/A	998
				Missing/Don't know	999
				Buy in what units within the village?	
	UT93COI	N	1	Gasob (sak)	1
				Make their own, for use in household only	7
				N/A	8
				Missing/Don't know	9
				Buy from outside the village?	
	Q6_93CO	N	1	No – go to Q6_94_1	2
				Do not use composted fertilizer	8

Question No.	Variable			Question	Code
	Name	Type	Size		
94				What kinds of herbicides and insecticides do the villagers use? Where do they buy them and how much do they cost?	
				<b>Herbicide/Insecticide 1</b>	
				Herbicide/insecticide type	
	Q6_94_1	N	2	Volidon Furidan Phosdrin Sevin Super pirect Endrex Parathion Lannate Karate Bion Tamaron Ninja Malathion Gramaxone Roundup N/A	1 2 3 4 5 6 7 8 9 10 11 12 13 21 22 98
				Buy herbicide/insecticide from within the village?	
	Q6_94IN	N	1	Yes No N/A	1 2 8
				Buy from what source within the village?	
	IN94_1	N	1	Cooperative Private store N/A Missing/Don't know	1 2 8 9
				Buy at what price per unit within the village?	
	PR94_1	N	3	Code actual amount in baht N/A Missing/Don't know	998 999

Question No.	Variable			Question	Code
	Name	Type	Size		
94				Buy in what units within the village?	
	UT94_1	N	1	Bottle	1
				Cube-shaped tin can ~ 4 liters	2
				Bag	3
				Bucket or barrel ~ 20 liters	4
				Kasob (sack)	5
				Liter	6
				Kilogram	7
				N/A	8
				Missing/Don't know	9
				Buy from outside the village?	
	Q6_94OS	N	1	Yes	1
				No	2
				N/A	8
				Where do they buy outside the village?	
	VN94_1	N	4	See Village Appendix	3 + ###
				See Districts in Buriram Province Only Appendix	9998
				N/A	9999
				Missing/Don't know	
				Buy from what source outside the village?	
	OS94_1	N	1	Cooperative	1
				Private store	2
				N/A	8
				Buy at what price per unit outside the village?	
	OSP94_1	N	3	Code actual amount in baht	
				N/A	998
				Missing/Don't know	999
				Buy in what units outside the village?	
	OSU94_1	N	1	Bottle	1
				Cube-shaped tin can ~ 4 liters	2
				Bag	3
				Bucket or barrel ~ 20 liters	4
				Kasob (sack)	5
				Liter	6
				Kilogram	7
				N/A	8

Question No.	Variable			Question	Code
	Name	Type	Size		
				<b>Herbicides/Insecticides 2 – 3</b>	
				<b>Herbicides/Insecticides 2 – 3 use the same codes as Herbicide/Insecticide 1</b>	
94				Herbicide/insecticide type	
	Q6_94_2	N	2	Volidon	1
	Q6_94_3	N	2	Furidan	2
				Phosdrin	3
				Sevin	4
				Super pirect	5
				Endrex	6
				Parathion	7
				Lannate	8
				Karate	9
				Bion	10
				Tamaron	11
				Ninja	12
				Malathion	13
				Gramaxone	21
				Roundup	22
				N/A	98
				Buy herbicide/insecticide from within the village?	
	Q6_94IN2	N	1	Yes	1
	Q6_94IN3	N	1	No	2
				N/A	8
				Buy from what source within the village?	
	IN94_2	N	1	Cooperative	1
	IN94_3	N	1	Private store	2
				N/A	8
				Buy at what price per unit within the village?	
	PR94_2	N	3	Code actual amount in baht	
	PR94_3	N	3	N/A	998
				Missing/Don't know	999
				Buy in what units within the village?	
	UT94_2	N	1	Bottle	1
	UT94_2	N	1	Cube-shaped tin can ~ 4 liters	2
				Bag	3
				Bucket or barrel ~ 20 liters	4
				Kasob (sack)	5
				Liter	6
				Kilogram	7
				N/A	8
				Missing/Don't know	9



Question No.	Variable			Question	Code
	Name	Type	Size		
94				Buy from outside the village?	
	Q6_94OS2	N	1	Yes	1
	Q6_94OS2	N	1	No	2
				N/A	8
				Where do they buy outside the village?	
	VN94_2	N	4	See Village Appendix	3 + ###
	VN94_2	N	4	See Districts in Buriram Province Only Appendix	9998
				N/A	9999
				Missing/Don't know	
				Buy from what source outside the village?	
	OS94_2	N	1	Cooperative	1
	OS94_2	N	1	Private store	2
				N/A	8
				Buy at what price per unit outside the village?	
	OSP94_2	N	3	Code actual amount in baht	
	OSP94_2	N	3	N/A	998
				Missing/Don't know	999
				Buy in what units outside the village?	
	OSU94_2	N	1	Bottle	1
	OSU94_2	N	1	Cube-shaped tin can ~ 4 liters	2
				Bag	3
				Bucket or barrel ~ 20 liters	4
				Kasob (sack)	5
				Liter	6
				Kilogram	7
				N/A	8
95				How do villagers obtain water for agriculture?	
				Natural method (rain water)	
	Q6_95_1	N	1	Yes	1
				No	2
	<b>Q6_95_2 – Q6_95_5 use the same codes as Q6_95_1</b>				
	Q6_95_2	N	1	Mechanical water pump	
	Q6_95_3	N	1	Water wheel	
	Q6_95_4	N	1	Irrigation canal	
	Q6_95_5	N	1	Other method	

## Part 7: Agriculture and Marketing of Agricultural Products

Question No.	Variable			Question	Code
	Name	Type	Size		
96				Crops planted by villagers the different crops planted by villagers and state the number of times they are planted per year, percent of land used for these crops, percent of households that plant these crops, amount produced per rai, price for each crop, and then rank the crops by contribution to income.	
				Rice	
	RIC96_1	N	1	Code the actual rank N/A	1 – 6 8
				<b>Crops 2 – 11 use the same codes as Rice</b>	
	CAS96_2	N	1	Cassava	
	HEM96_3	N	1	Jute	
	SUG96_4	N	1	Sugar Cane	
	GAR96_5	N	1	Garlic and onions	
	GCU96_6	N	1	Cucumber	
	COR96_7	N	1	Corn	
	LEG96_8	N	1	Peanuts	
	CHI96_9	N	1	Chili	
	WL96_10	N	1	Watermelon	
	RBL96_11	N	1	Latex rubber	
				Number of times planted per year for rice?	
	FCY96_1	N	2	Code the actual number Don't sell/for consumption only N/A Missing/Don't know	97 98 99
				<b>Crops 2 – 11 use the same codes as Rice</b>	
	FCY96_2	N	2	Cassava	
	FCY96_3	N	2	Jute	
	FCY96_4	N	2	Sugar Cane	
	FCY96_5	N	2	Garlic and onions	
	FCY96_6	N	2	Cucumber	
	FCY96_7	N	2	Corn	
	FCY96_8	N	2	Peanuts	
	FCY96_9	N	2	Chili	
	FCY96_10	N	2	Watermelon	
	FCY96_11	N	2	Latex rubber	

Question No.	Variable			Question	Code
	Name	Type	Size		
96				Percent of cultivated land for rice?	
	PCA96_1	N	3	Code the actual percent Don't sell/for consumption only N/A	997 998
				<b>Crops 2 – 11 use the same codes as Rice</b>	
	PCA96_2	N	3	Cassava	
	PCA96_3	N	3	Jute	
	PCA96_4	N	3	Sugar Cane	
	PCA96_5	N	3	Garlic and onions	
	PCA96_6	N	3	Cucumber	
	PCA96_7	N	3	Corn	
	PCA96_8	N	3	Peanuts	
	PCA96_9	N	3	Chili	
	PCA96_10	N	3	Watermelon	
	PCA96_11	N	3	Latex rubber	
				Percent of households that plant rice?	
	PHE96_1	N	3	Code the actual percent Don't sell/for consumption only N/A Missing/Don't know	997 998 999
				<b>Crops 2 – 11 use the same codes as Rice</b>	
	PHE96_2	N	3	Cassava	
	PHE96_3	N	3	Jute	
	PHE96_4	N	3	Sugar cane	
	PHE96_5	N	3	Garlic and onions	
	PHE96_6	N	3	Cucumber	
	PHE96_7	N	3	Corn	
	PHE96_8	N	3	Peanuts	
	PHE96_9	N	3	Chili	
	PHE96_10	N	3	Watermelon	
	PHE96_11	N	3	Latex rubber	

Question No.	Variable			Question	Code
	Name	Type	Size		
96				Yield produced in kg. per rai for rice?	
	CPR96_1	N	4	Code the actual amount Don't sell/for consumption only N/A	9997 9998
	<b>Crops 2 – 11 use the same codes as Rice</b>				
	CPR96_2	N	4	Cassava	
	CPR96_3	N	4	Jute	
	CPR96_4	N	4	Sugar cane	
	CPR96_5	N	4	Garlic and onions	
	CPR96_6	N	4	Cucumber	
	CPR96_7	N	4	Corn	
	CPR96_8	N	4	Peanuts	
	CPR96_9	N	4	Chili	
	CPR96_10	N	4	Watermelon	
	CPR96_11	N	4	Latex rubber	
				Price per kilogram for rice?	
	PU96_1	N	4	Code the actual amount Don't sell/for consumption only N/A	9997 9998
	<b>Crops 2 – 11 use the same codes as Rice</b>				
	PU96_2	N	4	Cassava	
	PU96_3	N	4	Jute	
	PU96_4	N	4	Sugar cane	
	PU96_5	N	4	Garlic and onions	
	PU96_6	N	4	Cucumber	
	PU96_7	N	4	Corn	
	PU96_8	N	4	Peanuts	
	PU96_9	N	4	Chili	
	PU96_10	N	4	Watermelon	
	PU96_11	N	4	Latex rubber	
				Income rank for rice	
	PR96_1	N	1	Code the actual rank N/A	1 – 6 8
	<b>Crops 2 – 11 use the same codes as Rice</b>				
	PR96_2	N	1	Cassava	
	PR96_3	N	1	Jute	
	PR96_4	N	1	Sugar cane	
	PR96_5	N	1	Garlic and onions	
	PR96_6	N	1	Cucumber	
	PR96_7	N	1	Corn	
	PR96_8	N	1	Peanuts	
	PR96_9	N	1	Chili	
	PR96_10	N	1	Watermelon	
	PR96_11	N	1	Latex rubber	

Question No.	Variable			Question	Code
	Name	Type	Size		
				<b>Interviewer:</b> Please ask the respondents to name the 4 most important crops from Q 96.	
				<b>Crop 1</b>	
	Q7_96_11	N	2	Rice	1
				Cassava	2
				Jute	3
				Sugar cane	4
				Garlic and onions	5
				Cucumber	6
				Corn	7
				Peanuts	8
				Chili	9
				Watermelon	10
				Latex rubber	11
				N/A	98
				<b>Crops 2 – 4 use the same codes as Crop 1</b>	
	Q7_96_12	N	2	Second crop	
	Q7_96_13	N	2	Third crop	
	Q7_96_14	N	2	Fourth crop	
97				Where do the villagers take the first (most important) crop to sell?	
	Q7_97_1	N	1	In the village – go to Q98	1
				Outside the village	2
				Sell it where outside the village?	
	Q7_97_2	N	4	See Village Appendix	3 + ###
				See Districts in Buriram Province Only Appendix	4 + ###
				See Province Appendix	9998
				N/A	
98				Where do the villagers take the second most important crop to sell?	
	Q7_98_1	N	1	In the village – go to Q99	1
				Outside the village	2
				N/A	8
				Sell it where outside the village?	
	Q7_98_2	N	4	See Village Appendix	3 + ###
				See Districts in Buriram Province Only Appendix	4 + ###
				See Province Appendix	9998
				N/A	

Question No.	Variable			Question	Code
	Name	Type	Size		
99				Where do the villagers take the third most important crop to sell?	
	Q7_99_1	N	1	In the village – <i>go to Q100</i> Outside the village N/A	1 2 8
				Sell it where outside the village?	
	Q7_99_2	N	4	See Village Appendix See Districts in Buriram Province Only Appendix See Province Appendix N/A	3 + ### 4 + ### 9998
100				Where do the villagers take the fourth most important crop to sell?	
	Q7_100_1	N	1	In the village – <i>go to Q101</i> Outside the village N/A	1 2 8
				Sell it where outside the village?	
	Q7_100_2	N	4	See Village Appendix See Districts in Buriram Province Only Appendix See Province Appendix N/A	3 + ### 4 + ### 9998
101				Do merchants come to the village to buy Crop 1?	
	Q7_101_1	N	1	Yes No N/A	1 2 8
				<b>Crops 2 – 4 use the same codes as Crop 1</b>	
	Q7_101_2	N	1	Crop 2	
	Q7_101_3	N	1	Crop 3	
	Q7_101_4	N	1	Crop 4	
				Where does merchant come from to buy Crop 1?	
	MER101_1	N	4	See Village Appendix See Districts in Buriram Province Only Appendix See Province Appendix N/A	3 + ### 4 + ### 9998
				<b>Crops 2 – 4 use the same codes as Crop 1</b>	
	MER101_2	N	1	Crop 2	
	MER101_3	N	1	Crop 3	
	MER101_4	N	1	Crop 4	

**Part 8: Electricity**

Question No.	Variable			Question	Code
	Name	Type	Size		
102				Does this village have electricity?	
	Q8_102	N	1	Yes No – go to Q104	1 2
103				If yes, when did this village first get electricity?	
	Q8_103	N	4	Code the Buddhist Era year N/A	2507 – 2537 9998
104				Does this village have telephone service	
	Q8_104	N	1	Yes No – go to Part 9	1 2
105				If yes, how many telephones does this village have?	
	Q8_105	N	3	Code the actual number N/A Missing/Don't know	98 999

**Part 9: Communication**

Question No.	Variable			Question	Code
	Name	Type	Size		
106				How many households in this village have televisions?	
	Q9_106	N	3	Code the actual number N/A – no televisions	998
107				Is there a broadcasting tower in this village?	
	Q9_107	N	1	Yes No	1 2
				When was it built?	
	Q9_107_1	N	4	Code the Buddhist Era year N/A	2517 – 2537 9998
				What time does it broadcast?	
	Q9_107_2	N	4	Code the actual time N/A	9998
108				Is there a newspaper reading center in this village?	
	Q9_108	N	1	Yes No – go to Part 10	1 2
109				If yes, when was the newspaper reading center established?	
	Q9_109	N	4	Code the Buddhist Era year N/A	2517 – 2537 9998



## Part 10: Social Institutions

Question No.	Variable			Question	Code
	Name	Type	Size		
110				Is there a temple in this village?	
	Q10_110	N	1	Yes No – go to Q120	1 2
111				Do people from other villages share the temple	
	Q10_111	N	1	Yes No – go to Q123 N/A	1 2 8
112				Which villages share this temple?	
	Q112_1	N	4	<b>Location 1</b> See Village Appendix See Districts in Buriram Province Only Appendix N/A	3 + ### 9998
	<b>Locations 2 – 7 use the same codes as Location 1</b>				
	Q112_2	N	4		
	Q112_3	N	4		
	Q112_4	N	4		
	Q112_5	N	4		
	Q112_6	N	4		
	Q112_7	N	4		
113				How many people are on the temple committee?	
	Q113_1	N	2	Code the actual number N/A Missing/Don't know	98 99
				How many female members?	
	Q113_2	N	2	Code the actual number N/A Missing/Don't know	98 99
				How many male members?	
	Q113_3	N	2	Code the actual number N/A Missing/Don't know	98 99
114				How many committee members are from this village?	
	Q10_114	N	2	Code the actual number N/A	98

Question No.	Variable			Question	Code
	Name	Type	Size		
115				How many committee members, if any, are from other villages?	
				<b>Other Village 1</b>	
				Location	
	V115_1	N	4	See Village Appendix See Districts in Buriram Province Only Appendix N/A	3 + ### 9998
				Total # of members	
	Q115_1	N	2	Code the actual number N/A	98
				<b>Other Villages 2 – 6</b>	
				<b>Other Villages 2 – 6 use the same codes as Other Village 1</b>	
				Location	
	V115_2	N	4		
	V115_3	N	4	See Village Appendix	
	V115_4	N	4	See Districts in Buriram Province Only Appendix	3 + ###
	V115_5	N	4	N/A	9998
	V115_6	N	4		
				Total # of members	
	Q115_2	N	2		
	Q115_3	N	2		
	Q115_4	N	2		
	Q115_5	N	2	Code the actual number	98
	Q115_6	N	2	N/A	
116				Does the temple committee have a temple loan fund that people can borrow from?	
	Q10_116	N	1	Yes No – go to Q118 N/A	1 2 8
117				Is the temple loan fund operating well?	
	Q10_117	N	1	Yes No – go to Q118 N/A	1 2 8

Question No.	Variable			Question	Code
	Name	Type	Size		
118				What services does the temple provide to the villagers and community?	
	Q10_118	N	2	<b>Service #1</b> No service Cups, plates, bowls, glasses Tables, chairs Tents Mats Amplifier Curtains Place Water supply Borrowing of all kinds N/A Missing/don't know  <b>Services 2 – 4</b>  <b>Services 2 – 4 use the same codes as Service 1</b>	0 1 2 3 4 5 6 7 8 9 98 99
	Q118_2	N	2		
	Q118_3	N	2		
	Q118_4	N	2		
119				Has the temple organized any festivals or fairs in the last 12 months?	
	Q10_119	N	1	Yes No – go to Q120 N/A – does not have temple	1 2 8

Question No.	Variable			Question	Code
	Name	Type	Size		
				<b>Purpose of Festivals 1 – 2</b>	
119				Purpose of festivals	
	PS119_1	N	2	Build a pavilion	1
	PS119_2	N	2	Build a monk abode	2
				Build a temple belfry	3
				Build a temple	4
				Build a chapel	5
				Build a bathroom	6
				Build a kitchen	7
				Improve a temple	8
				Ceremony for marking the main hall of the temple	9
				Novice ordination during hot season	10
				Build a stupa	11
				Build a wall surrounding the temple	12
				Reconstruct temple building	13
				Build a bridge	14
				Kathin arrangement	15
				Renovate/restore a temple	16
				Generate income for a temple	17
				Generate money to build a temple library	18
				Preserve some tradition	19
				N/A	98
				Missing/Don't know	99
120				Do villagers sometimes go to make merit at the temples in other villages?	
	Q10_120	N	1	Yes	1
				No – go to Q122	2
121				To what villages do they like to go to make merit?	
	Q121_1	N	4	<b>Village 1</b> See Village Appendix See Districts in Buriram Province Only Appendix See Province Appendix N/A	3 + ### 4 + ### 9998
				<b>Villages 2 – 8</b>	
				<b>Villages 2 – 8 use the same codes as Village 1</b>	
	Q121_2	N	4		
	Q121_3	N	4		
	Q121_4	N	4		
	Q121_5	N	4		
	Q121_6	N	4		
	Q121_7	N	4		
	Q121_8	N	4		

Question No.	Variable			Question	Code
	Name	Type	Size		
122				What languages can the villagers in this village speak?	
	Q122_1	N	1	Central Thai? Yes No	1 2
	<b>Q122_2 – Q122_5 use the same codes as Q122_1</b>				
	Q122_2	N	1	Thai Korat	
	Q122_3	N	1	Khmer	
	Q122_4	N	1	Lao	
	Q122_5	N	1	Suaie	
				Which language do they speak most often?	
	DAL122_6	N	1	Central Thai Thai Korat Khmer Lao Suaie	1 2 3 4 5

Question No.	Variable			Question	Code
	Name	Type	Size		
123				Groups and committees, their members, and dates of establishment	
				<b>Village Committee</b>	
				Total number of members	
	Q123_1	N	3	Code the actual number Do not have this committee or group	998
				Male members	
	M123_1	N	3	Code the actual number N/A Missing/Don't know	998 999
				Female members	
	F123_1	N	3	Code the actual number N/A Missing/Don't know	998 999
				Date of Establishment B.E.	
	E123_1	N	4	Code the actual Buddhist Era year N/A Missing/Don't know	9998 9999
				Location of the chairperson	
	LED123_1	N	4	Code the Ban Lek Ti See Village Appendix See Districts in Buriram Province Only Appendix N/A Missing/Don't know	3 + ### 9998 9999

Question No.	Variable			Question	Code
	Name	Type	Size		
	<b>All other groups use the same codes as Village Committee</b>				
123				Total number of members	
	Q123_2	N	3	Agriculture Cooperative Group	
	Q123_3	N	3	Agricultural/Farmers' Group	
	Q123_4	N	3	Thai National Volunteer Defense Group	
	Q123_5	N	3	Villager Scout Group	
	Q123_6	N	3	Village Public Health Communicators	
	Q123_7	N	3	Village Public Health Volunteers	
	Q123_8	N	3	Progressive Agriculture Group	
	Q123_9	N	3	Family Planning Volunteer Group	
	Q123_10	N	3	Agricultural Youth Group	
	Q123_11	N	3	Subdistrict Council Group	
	Q123_12	N	3	Village Defense Volunteer Group	
	Q123_13	N	3	Housewives Group	
	Q123_14	N	3	Vegetable Gardening Group	
	Q123_15	N	3	Village Community Volunteers	
	Q123_16	N	3	Rapid (Accelerated) Rural Development Group	
	Q123_17	N	3	Cremation Group	
	Q123_18	N	3	Savings Group	
	Q123_19	N	3	Cooperative and Rice Bank Group	
	Q123_20	N	3	Village Fund Group	
	Q123_21	N	3	Trade Group	
	Q123_22	N	3	Village Elders Group	
	Q123_23	N	3	Other Groups	
				Male members	
	M123_2	N	3		
	M123_3	N	3		
	M123_4	N	3		
	M123_5	N	3		
	M123_6	N	3		
	M123_7	N	3		
	M123_8	N	3		
	M123_9	N	3		
	M123_10	N	3		
	M123_11	N	3		
	M123_12	N	3	Code the actual number	
	M123_13	N	3	N/A	998
	M123_14	N	3	Missing/Don't know	999
	M123_15	N	3		
	M123_16	N	3		
	M123_17	N	3		
	M123_18	N	3		
	M123_19	N	3		
	M123_20	N	3		
	M123_21	N	3		
	M123_22	N	3		
	M123_23	N	3		

Question No.	Variable			Question	Code
	Name	Type	Size		
123				Female members	
	F123_2	N	3		
	F123_3	N	3		
	F123_4	N	3		
	F123_5	N	3		
	F123_6	N	3		
	F123_7	N	3		
	F123_8	N	3		
	F123_9	N	3		
	F123_10	N	3		
	F123_11	N	3		
	F123_12	N	3	Code the actual number	
	F123_13	N	3	N/A	998
	F123_14	N	3	Missing/Don't know	999
	F123_15	N	3		
	F123_16	N	3		
	F123_17	N	3		
	F123_18	N	3		
	F123_19	N	3		
	F123_20	N	3		
	F123_21	N	3		
	F123_22	N	3		
	F123_23	N	3		
				Date of Establishment B.E.	
	E123_2	N	4		
	E123_3	N	4		
	E123_4	N	4		
	E123_5	N	4		
	E123_6	N	4		
	E123_7	N	4		
	E123_8	N	4		
	E123_9	N	4		
	E123_10	N	4		
	E123_11	N	4		
	E123_12	N	4	Code the actual Buddhist Era year	
	E123_13	N	4	N/A	9998
	E123_14	N	4	Missing/Don't know	9999
	E123_15	N	4		
	E123_16	N	4		
	E123_17	N	4		
	E123_18	N	4		
	E123_19	N	4		
	E123_20	N	4		
	E123_21	N	4		
	E123_22	N	4		
	E123_23	N	4		



Question No.	Variable			Question	Code
	Name	Type	Size		
123				Location of the chairperson	
	LED123_2	N	4		
	LED123_3	N	4		
	LED123_4	N	4		
	LED123_5	N	4		
	LED123_6	N	4		
	LED123_7	N	4		
	LED123_8	N	4		
	LED123_9	N	4		
	LD123_10	N	4		
	LD123_11	N	4	Code the Ban Lek Ti	
	LD123_12	N	4	See Village Appendix	
	LD123_13	N	4	See Districts in Buriram Province Only Appendix	3 + ###
	LD123_14	N	4	N/A	9998
	LD123_15	N	4	Missing/Don't know	9999
	LD123_16	N	4		
	LD123_17	N	4		
	LD123_18	N	4		
	LD123_19	N	4		
	LD123_20	N	4		
	LD123_21	N	4		
	LD123_22	N	4		
	LD123_23	N	4		
				Which group is currently most active?	
	NG123	N	2	Village Committee	1
				Agriculture Cooperative Group	2
				Agricultural/Farmers' Group	3
				Thai National Volunteer Defense Group	4
				Villager Scout Group	5
				Village Public Health Communicators	6
				Village Public Health Volunteers	7
				Progressive Agriculture Group	8
				Family Planning Volunteer Group	9
				Agricultural Youth Group	10
				Subdistrict Council Group	11
				Village Defense Volunteer Group	12
				Housewives Group	13
				Vegetable Gardening Group	14
				Village Community Volunteers	15
				Rapid (Accelerated) Rural Development Group	16
				Cremation Group	17
				Savings Group	18
				Cooperative and Rice Bank Group	19
				Village Fund Group	20
				Trade Group	21
				Village Elders Group	22
				Other Groups	23
				Total number of members?	
	TM123	N	3	Code the actual number	
				N/A	998

## Part 11: Health Care and Health Care Services

Question No.	Variable			Question	Code
	Name	Type	Size		
124				Do villagers have any of the following service facilities available in the village? If so, how many?	
				Private medical clinic	
	Q124_1	N	2	Code the actual number	
	<b>Q124_2 – Q124_13 use the same codes as Q124_1</b>				
	Q124_2	N	2	Modern manufactured drugstore	
	Q124_3	N	2	General store that also sells medicine	
	Q124_4	N	2	Subdistrict doctor	
	Q124_5	N	2	Village folk doctor/uncertified doctor/traditional doctor/doctor who gives injections	
	Q124_6	N	2	Community-based family planning volunteer	
	Q124_7	N	2	Volunteer public health volunteer	
	Q124_8	N	2	Village public health communicator	
	Q124_9	N	2	Traditional midwife with official training	
	Q124_10	N	2	Traditional midwife without official training	
	Q124_11	N	2	Drug fund/drug coop/drug bank	
	Q124_12	N	2	Midwife center	
	Q124_13	N	2	Subdistrict health center (station)	
125				Do villagers like to go to a subdistrict health center for services?	
	Q125	N	1	Yes No – go to Q128	1 2
				Name of subdistrict health center	
	Q125_1	N	2	See Health Center Appendix N/A	98
				Location of subdistrict health center	
	Q125_2	N	4	See Village Appendix See Districts in Buriram Province Only Appendix N/A	3 + ### 9998
				How far is the subdistrict health center from this village?	
	Q125_3	N	5	Code the actual number of meters Health center is in the village N/A Missing/Don't know	0 99998 99999

Question No.	Variable			Question	Code
	Name	Type	Size		
125				How long does it take to get there?	
	Q125_4	N	3	Code the actual number of minutes Health center is in village N/A	0 998
				Is there bus service from this village to the subdistrict health center?	
	Q125_5	N	1	Yes No N/A Missing/Don't know	1 2 8 9
126				Do villagers go to any other subdistrict health centers for service?	
	Q126		1	Yes No – go to Q128 N/A	1 2 8
127				To which other subdistrict health center do villagers go most often?	
				Name of subdistrict health center	
	Q127_1	N	2	See Health Center Appendix N/A Missing/Don't know	98 99
				Location of subdistrict health center	
	Q127_2	N	4	See Village Appendix See Districts in Buriram Province Only Appendix N/A	3 + ### 9998
				How far is the subdistrict health center from this village?	
	Q127_3	N	5	Code the actual number of meters N/A	99998
				How long does it take to get there?	
	Q127_4	N	3	Code the actual number of minutes N/A	998
				Is there bus service from this village to the subdistrict health center?	
	Q127_5	N	1	Yes No N/A	1 2 8

Question No.	Variable			Question	Code
	Name	Type	Size		
128				To what hospital do villagers go for service?	
				Name of hospital	
	Q128_1	N	2	Nang Rong hospital Buriram hospital Nong Ki hospital Nong Hong hospital Lumplaimas hospital Prakonchai hospital Lahansai hospital Seung Sang hospital Nakhon Ratchasima hospital Pakum hospital	1 2 3 4 5 6 7 8 9 10
				Location of hospital	
	Q128_2	N	4	See District in Buriram Province Only Appendix See Province Appendix	3 + ### 4 + ###
				How far is the hospital from this village?	
	Q128_3	N	5	Code the actual number of meters	
				How long does it take to get there?	
	Q128_4	N	3	Code the actual number of minutes	
				Is there bus service from this village to the hospital?	
	Q128_5	N	1	Yes No	1 2
129				Do the villagers go to any other hospitals for service?	
	Q129	N	1	Yes No – go to Q131	1 2

Question No.	Variable			Question	Code
	Name	Type	Size		
130				To which other hospital do the villagers go most often?	
				Name of hospital	
	Q130_1	N	2	Nang Rong hospital Buriram hospital Nong Ki hospital Nong Hong hospital Lumplaimas hospital Prakonchai hospital Lahansai hospital Seung Sang hospital Nakhon Ratchasima hospital Pakum hospital N/A	1 2 3 4 5 6 7 8 9 10 98
				Location of hospital	
	Q130_2	N	4	See District in Buriram Province Only Appendix See Province Appendix N/A	3 + ### 4 + ### 9998
				How far is the hospital from this village?	
	Q130_3	N	5	Code the actual number of meters N/A	99998
				How long does it take to get there?	
	Q130_4	N	3	Code the actual number of minutes N/A	998
				Is there bus service from this village to the hospital?	
	Q130_5	N	1	Yes No N/A	1 2 8
131				Have any mobile health units (physician's units) ever come to this village to provide service?	
	Q131	N	1	Yes No – go to Q144	1 2
132				Has a mobile health unit that provides <b>vasectomies</b> ever visited this village?	
	Q132	N	1	Yes No – go to Q135 N/A	1 2 8

Question No.	Variable			Question	Code
	Name	Type	Size		
133				When was the <b>first time</b> the mobile health unit that provides vasectomies came to this village?	
	Q133	N	4	Code the Buddhist Era year N/A	9998
134				When was the <b>last time</b> the mobile health unit that provides vasectomies came to this village?	
	Q134	N	4	Code the Buddhist Era year N/A Missing/Don't know	9998 9999
135				Has a mobile health unit that provides <b>contraceptive injections</b> ever visited this village?	
	Q135	N	1	Yes No – go to Q138 N/A	1 2 8
136				When was the <b>first time</b> the mobile health unit that provides contraceptive injections came to this village?	
	Q136	N	4	Code the Buddhist Era year N/A Missing/Don't know	9998 9999
137				When was the <b>last time</b> the mobile health unit that provides contraceptive injections came to this village?	
	Q137	N	4	Code the Buddhist Era year N/A Missing/Don't know	9998 9999
138				Has a mobile health unit that provides <b>contraceptive pills</b> ever visited this village?	
	Q138	N	1	Yes No – go to Q141 N/A	1 2 8
139				When was the <b>first time</b> the mobile health unit that provides contraceptive pills came to this village?	
	Q139	N	4	Code the Buddhist Era year N/A Missing/Don't know	9998 9999

Question No.	Variable			Question	Code
	Name	Type	Size		
140				When was the <b>last time</b> the mobile health unit that provides contraceptive pills came to this village?	
	Q140	N	4	Code the Buddhist Era year N/A Missing/Don't know	9998 9999
141				Has a mobile health unit that provides <b>Norplant/contraceptive implants</b> ever come to this village?	
	Q141	N	1	Yes No – go to Q144 N/A	1 2 8
142				What year did it first visit this village?	
	Q142	N	4	Code the Buddhist Era year N/A	9998
143				What year did it last visit this village?	
	Q143	N	4	Code the Buddhist Era year N/A	9998
144				Rank the various birth control methods currently used by villagers.	
				Contraceptive pill	
	Q144_1	N	1	Code rank No rank given	1 – 7 8
	<b>Q144_2 – Q144_8 use the same coding as Q144_1</b>				
	Q144_2	N	1	Contraceptive injection	
	Q144_3	N	1	Sterilization – male	
	Q144_4	N	1	Sterilization – female (tubal ligation)	
	Q144_5	N	1	Condom	
	Q144_6	N	1	Contraceptive implant (Norplant)	
	Q144_7	N	1	Natural methods	
	Q144_8	N	1	IUD	

## Part 12: Land Use

Question No.	Variable			Question	Code
	Name	Type	Size		
145				How many rai of village land is used for agriculture?	
	Q145	N	4	Code the actual number	
146				In 1970, was there forest along the border of this village?	
	Q146	N	1	Yes No	1 2
147				In 1970, in which directions from the village was there forest?	
				North?	
	Q147	N	1	Yes No N/A – didn't have forest	1 2 8
				<b>All other directions use the same codes as North</b>	
	Q147_2	N	1	South	
	Q147_3	N	1	West	
	Q147_4	N	1	East	
	Q147_5	N	1	Northeast	
	Q147_6	N	1	Northwest	
	Q147_7	N	1	Southeast	
	Q147_8	N	1	Southwest	
148				Since 1970, were some of these forests cleared?	
	Q148	N	1	Yes No – go to interviewer observations (Q148_10)	1 2
				Cleared for rice cultivation	
	Q148_1	N	1	Yes No N/A	1 2 8
				<b>Q148_2 – Q148_9 use same code as Q148_1</b>	
	Q148_2	N	1	Cleared for cassava cultivation	
	Q148_3	N	1	Cleared for agricultural activities	
	Q148_4	N	1	Cleared for house construction	
	Q148_5	N	1	Cleared for temple construction	
	Q148_6	N	1	Cleared for road construction	
	Q148_7	N	1	Cleared for sale of lumber	
	Q148_8	N	1	Cleared for firewood/charcoal	
	Q148_9	N	1	Cleared for military purposes	



Question No.	Variable			Question	Code
	Name	Type	Size		
148				Interviewer observations	
	Q148_10	N	2	No comments	0
				Little forest remaining	1
				Planted additional forest	2
				Never had forested land	3
				Cleared area	4
				Scattered trees among homes	5
				Managed forest	6
				Graveyard, uncleared	7
				Bracken	8
				Managed grassland	9
				Graveyard, but with coconut grove	10
149				Currently, does this village have any forested land left?	
	Q149	N	1	Yes	1
				No – go to Q151	2
150				How much forest is left and who does it belong to? What is the land used for?	
				<b>Plot 1</b>	
				Total rai	
	Q150_1	N	7	Code the actual number of square wah N/A	9999998
				Current use	
	US150_1	N	2	Reserve forest	1
				Graveyard	2
				Community forest	3
				Raise animals	4
				Public forest	5
				Health/sanitation	6
				School forest	7
				Temple	8
				Forest garden	9
				No use	10
				Rice paddy	11
				Community pond	12
				Degraded forest	13
				Temple forest	14
				Ugkarn mountain temple	15
				Plant trees	16
				Recreation place	17
				Park	18
				N/A	98

Question No.	Variable			Question	Code
	Name	Type	Size		
150				Owner	
	PV150_1	N	1	Private owner Public owner N/A	1 2 8
				Owner's location	
	ON150_1	N	4	Code the Ban Lek Ti See Village Appendix See Districts in Buriram Province Only Appendix See Province Appendix N/A Missing/Don't know	3 + ### 4 + ### 9998 9999
				<b>Plots 2 – 13</b>	
				<b>Plots 2 – 13 use the same coding as Plot 1</b>	
				Total rai	
	Q150_2	N	7		
	Q150_3	N	7		
	Q150_4	N	7		
	Q150_5	N	7		
	Q150_6	N	7		
	Q150_7	N	7	Code the actual number of square wah	
	Q150_8	N	7	N/A	9999998
	Q150_9	N	7		
	Q150_10	N	7		
	Q150_11	N	7		
	Q150_12	N	7		
	Q150_13	N	7		
				Current use	
	US150_2	N	2	Reserve forest	1
	US150_3	N	2	Graveyard	2
	US150_4	N	2	Community forest	3
	US150_5	N	2	Raise animals	4
	US150_6	N	2	Public forest	5
	US150_7	N	2	Health/sanitation	6
	US150_8	N	2	School forest	7
	US150_9	N	2	Temple	8
	US150_10	N	2	Forest garden	9
	US150_11	N	2	No use	10
	US150_12	N	2	Rice paddy	11
	US150_13	N	2	Community pond	12
				Degraded forest	13
				Temple forest	14
				Ugkarn mountain temple	15
				Plant trees	16
				Recreation place	17
				Park	18
				N/A	98

Question No.	Variable			Question	Code
	Name	Type	Size		
150				Who is the owner?	
	PV150_2	N	1		
	PV150_3	N	1		
	PV150_4	N	1		
	PV150_5	N	1		
	PV150_6	N	1		
	PV150_7	N	1	Private owner	1
	PV150_8	N	1	Public owner	2
	PV150_9	N	1	N/A	8
	PV150_10	N	1		
	PV150_11	N	1		
	PV150_12	N	1		
	PV150_13	N	1		
				Owner's address?	
	ON150_2	N	4		
	ON150_3	N	4		
	ON150_4	N	4		
	ON150_5	N	4	Code the Ban Lek Ti	
	ON150_6	N	4	See Village Appendix	
	ON150_7	N	4	See Districts in Buriram Province Only Appendix	3 + ###
	ON150_8	N	4	See Province Appendix	4 + ###
	ON150_9	N	4	N/A	9998
	ON150_10	N	4	Missing/Don't know	9999
	ON150_11	N	4		
	ON150_12	N	4		
	ON150_13	N	4		

Question No.	Variable			Question	Code
	Name	Type	Size		
151				Is there anybody who owns land in this village but does not currently live here?	
	Q151	N	1	Yes No – go to Q153  <b>Outside Land Owner 1</b>	1 2
				Where do they live?	
	Q151_1	N	4	See Village Appendix See Districts in Buriram Province Only Appendix See Province Appendix N/A	3 + ### 4 + ### 9998
				Total # of rai	
	L151_1	N	7	Code the actual number of square wah N/A Missing/Don't know	9999998 9999999
				How many rai do they rent to others?	
	R151_1	N	7	Code the actual number of square wah Don't rent to others N/A Missing/Don't know	9999997 9999998 9999999
				How many rai are used for some purpose?	
	U151_1	N	7	Code the actual number of square wah No land used for some purpose N/A Missing/Don't know	9999997 9999998 9999999
				How many rai are not being used?	
	N151_1	N	7	Code the actual number of square wah No land not being used for some purpose N/A Missing/Don't know	9999997 9999998 9999999

Question No.	Variable			Question	Code
	Name	Type	Size		
				<b>Outside Land Owners 2 – 29</b>	
	<b>Outside Land Owners 2 – 29 use the same codes as Outside Land Owner 1</b>				
151				Where do they live?	
	Q151_2	N	4		
	Q151_3	N	4		
	Q151_4	N	4		
	Q151_5	N	4		
	Q151_6	N	4		
	Q151_7	N	4		
	Q151_8	N	4		
	Q151_9	N	4		
	Q151_10	N	4		
	Q151_11	N	4		
	Q151_12	N	4		
	Q151_13	N	4		
	Q151_14	N	4	See Village Appendix	
	Q151_15	N	4	See Districts in Buriram Province Only Appendix	3 + ###
	Q151_16	N	4	See Province Appendix	4 + ###
	Q151_17	N	4	N/A	9998
	Q151_18	N	4		
	Q151_19	N	4		
	Q151_20	N	4		
	Q151_21	N	4		
	Q151_22	N	4		
	Q151_23	N	4		
	Q151_24	N	4		
	Q151_25	N	4		
	Q151_26	N	4		
	Q151_27	N	4		
	Q151_28	N	4		
	Q151_29	N	4		

Question No.	Variable			Question	Code
	Name	Type	Size		
151				Total # of rai	
	L151_2	N	7		
	L151_3	N	7		
	L151_4	N	7		
	L151_5	N	7		
	L151_6	N	7		
	L151_7	N	7		
	L151_8	N	7		
	L151_9	N	7		
	L151_10	N	7		
	L151_11	N	7		
	L151_12	N	7		
	L151_13	N	7		
	L151_14	N	7		
	L151_15	N	7	Code the actual number of square wah	
	L151_16	N	7	N/A	9999998
	L151_17	N	7	Missing/Don't know	9999999
	L151_18	N	7		
	L151_19	N	7		
	L151_20	N	7		
	L151_21	N	7		
	L151_22	N	7		
	L151_23	N	7		
	L151_24	N	7		
	L151_25	N	7		
	L151_26	N	7		
	L151_27	N	7		
	L151_28	N	7		
	L151_29	N	7		

Question No.	Variable			Question	Code
	Name	Type	Size		
151				How many rai do they rent to others?	
	R151_2	N	7		
	R151_3	N	7		
	R151_4	N	7		
	R151_5	N	7		
	R151_6	N	7		
	R151_7	N	7		
	R151_8	N	7		
	R151_9	N	7		
	R151_10	N	7		
	R151_11	N	7		
	R151_12	N	7		
	R151_13	N	7		
	R151_14	N	7	Code the actual number of square wah	
	R151_15	N	7	Don't rent to others	9999997
	R151_16	N	7	N/A	9999998
	R151_17	N	7	Missing/Don't know	9999999
	R151_18	N	7		
	R151_19	N	7		
	R151_20	N	7		
	R151_21	N	7		
	R151_22	N	7		
	R151_23	N	7		
	R151_24	N	7		
	R151_25	N	7		
	R151_26	N	7		
	R151_27	N	7		
	R151_28	N	7		
	R151_29	N	7		

Question No.	Variable			Question	Code
	Name	Type	Size		
151				How many rai are used for some purpose?	
	U151_2	N	7		
	U151_3	N	7		
	U151_4	N	7		
	U151_5	N	7		
	U151_6	N	7		
	U151_7	N	7		
	U151_8	N	7		
	U151_9	N	7		
	U151_10	N	7		
	U151_11	N	7		
	U151_12	N	7		
	U151_13	N	7		
	U151_14	N	7	Code the actual number of square wah	
	U151_15	N	7	No land used for some purpose	9999997
	U151_16	N	7	N/A	9999998
	U151_17	N	7	Missing/Don't know	9999999
	U151_18	N	7		
	U151_19	N	7		
	U151_20	N	7		
	U151_21	N	7		
	U151_22	N	7		
	U151_23	N	7		
	U151_24	N	7		
	U151_25	N	7		
	U151_26	N	7		
	U151_27	N	7		
	U151_28	N	7		
	U151_29	N	7		



Question No.	Variable			Question	Code
	Name	Type	Size		
151				How many rai are not being used?	
	N151_2	N	7		
	N151_3	N	7		
	N151_4	N	7		
	N151_5	N	7		
	N151_6	N	7		
	N151_7	N	7		
	N151_8	N	7		
	N151_9	N	7		
	N151_10	N	7		
	N151_11	N	7		
	N151_12	N	7		
	N151_13	N	7		
	N151_14	N	7	Code the actual number of square wah	
	N151_15	N	7	No land not being used for some purpose	9999997
	N151_16	N	7	N/A	9999998
	N151_17	N	7	Missing/Don't know	9999999
	N151_18	N	7		
	N151_19	N	7		
	N151_20	N	7		
	N151_21	N	7		
	N151_22	N	7		
	N151_23	N	7		
	N151_24	N	7		
	N151_25	N	7		
	N151_26	N	7		
	N151_27	N	7		
	N151_28	N	7		
	N151_29	N	7		

Question No.	Variable			Question	Code
	Name	Type	Size		
152				Next, I would like to ask you about the community land in this village, including forest, public agricultural land, large and small ponds, creeks, and any other public land.	
				How many rai in total?	
	Q152_1	N	7	Code the actual number of square wah Does not have public land	9999998
				Where are these land located and what are they used for?	
				<b>Plot 1</b>	
				Location	
	LPT2_1	N	2	North South East West Northeast Southeast Northwest Southwest Center of the village Around the village N/A	1 2 3 4 5 6 7 8 9 10 98
				Size	
	RAI2_1	N	7	Code the actual number of square wah N/A Missing/Don't know	9999998 9999999
				Use	
USE2_1	N	2	See Public Land Use Appendix N/A	98	

Question No.	Variable			Question	Code
	Name	Type	Size		
				<b>Plots 2 – 7</b>	
				<b>Plots 2 – 7 use the same codes as Plot 1</b>	
152				Location	
	LPT2_2	N	2	North	1
	LPT2_3	N	2	South	2
	LPT2_4	N	2	East	3
	LPT2_5	N	2	West	4
	LPT2_6	N	2	Northeast	5
	LPT2_7	N	2	Southeast	6
				Northwest	7
				Southwest	8
				Center of the village	9
				Around the village	10
				N/A	98
				Size	
	RAI2_2	N	7		
	RAI2_3	N	7		
	RAI2_4	N	7	Code the actual number of square wah	
	RAI2_5	N	7	N/A	9999998
	RAI2_6	N	7	Missing/Don't know	9999999
	RAI2_7	N	7		
				Use	
	USE2_2	N	2		
	USE2_3	N	2		
	USE2_4	N	2	See Public Land Use Appendix	
	USE2_5	N	2	N/A	98
	USE2_6	N	2		
	USE2_7	N	2		
				How much community land did this village have in 1984?	
	Q152_3	N	7	Code the actual number of square wah No community land	9999998
				How much community land did this village have in 1988?	
	Q152_4	N	7	Code the actual number of square wah No community land	9999998

Question No.	Variable			Question	Code
	Name	Type	Size		
153				Currently (1994), what is the price of rice land?	
	Q153	N	6	Code the actual amount in baht/rai	
154				Currently (1994), what is the price of cassava land?	
	Q154	N	6	Code the actual amount in baht/rai No cassava land	999998
155				Currently (1994), what is the price of land for building a house in the village community?	
	Q155	N	6	Code the actual amount in baht/rai	