Nang Rong Projects

Codebook for the 1984 Household Questionnaire

Community-Based Integrated Rural Development Evaluation Project "Nang Rong"
The Institute for Population and Social Research, Mahidol University

June 3, 2004

Using this Codebook

This codebook is a product of one questionnaire. One questionnaire was administered to each household in the 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.

Last Modified: 05/21/03   Data File ==> HH84

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.
- Individual level variables start with 'IN84_' followed by a sequence number.
- Household level variables start with 'HH84_' followed by a sequence number.
- 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.

Standard Shading

As shown below, the column headers are always shaded as well as the row that contains the actual question or description that corresponds with the variable.

Question No.	Variable			Question	Code
	Name	Type	Size		

4				Age	
	IN84_06	N	2	Code actual age in years 80 or older Less than 1 year, code 8 + # months, • e.g., 3 months = 83, 11 months = 91 Missing/Don't know	 80 8 + # of months 99

Restricted-Use Shading

There are variables described in the codebook which are only available in the restricted-use data files. For these variables, all of the columns – question number, variable name, question and code – and all of the codes and labels have been completey shaded:

	HOUSE84	A	3	1984 House Number A 3-digit sequence number that is part of the 1984 household questionnaire identifier.	 001 – 185

Some of the restricted-use variables are recoded for the public release data files, while others are not available in any form. The variable above (HOUSE84) is not available in any form in the public release data files. When a restricted-use variable is recoded for the public release data files, then a note and the public release codes will follow the variable:

	VILL84	A	2	Village Identification 1984 Village Number • The village # was recoded for some houses in village 21, since it split into villages 21 and 51 shortly after the 1984 data collection. 1984 House Number	 01 – 51
	HOUSE84	A	3	A 3-digit sequence number that is part of the 1984 household questionnaire identifier.	001 – 185

The VILL84 and HOUSE84 variables are not in the public use data, but they have been replaced with one variable called PHHID84. The values for this new variable were randomly generated based on the original values from VILL84 and HOUSE84:					
Public Use Codes	PHHID84	N	4	Randomly generated sequence number	1 – 5860

Identifier Variables for the Community and Household Data in 1984, 1994 and 2000

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.

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

- **Household** - Each household received <u>two</u> 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).

	1984 Survey	1994 Survey	2000 Survey
Restricted #1	HOUSE84	LEKTI94	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.

	1984 Survey	1994 Survey	2000 Survey
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
Village	--	VILL84	VILL94	VILL00	n/a	n/a	n/a
Household	1	VILL84 HOUSE84	VILL94 LEKTI94	VILL00 HOUSE00	n/a	n/a	n/a
	2	HHID84	HHID94	HHID00	PHHID84	PHHID94	PHHID00
Individual	1	VILL84 HOUSE84 CEP84	VILL94 LEKTI94 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 in 1994 and 2000

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.

	1994 Survey	2000 Survey
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.

	1994 Survey	2000 Survey
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
Migrant Household	MID	MID00 MIGTYPE	PMID94	PMID00
Individual	MID MCEP8	MID00 MIGTYPE MCEP00	PMID94 MCEP8	PMID00 MCEP00

Codebook for the 1984 Household Questionnaire

Form A

Question No.	Variable			Question	Code
	Name	**Type**	**Size**		
	VILL84	A	2	Village Identification 1984 Village Number • The village # was recoded for some houses in village 21, since it split into villages 21 and 51 shortly after the 1984 data collection. 1984 House Number	01 – 51
	HOUSE84	A	3	A 3-digit sequence number that is part of the 1984 household questionnaire identifier.	001 – 185

The VILL84 and HOUSE84 variables are not in the public use data, but they have been replaced with one variable called PHHID84. The values for this new variable were randomly generated based on the original values from VILL84 and HOUSE84:

Public Use Codes	PHHID84	N	4	Randomly generated sequence number	1 – 5860

Created at CPC				Sample Migrant Village	
	MIGVILL	N	1	Not a sample migrant village Sample migrant village	0 1

Please note that the VILL84, HOUSE84 (or PHHID84) and MIGVILL variables are in each of the household survey data files: *hh84 and indiv84.*

Form A, Section A1: Househod Roster for the Current Household Members
Form A, Section A2: Household Roster for the Temporarily Absent Members

Question No.	Variable			Question	Code
	Name	**Type**	**Size**		

				Identifiers from the 1994 and 2000 Household Surveys	

The following identifier variables are from the 1994 and 2000 Household Surveys.   These variables can be used to link an individual to the 1994 and/or 2000 Survey data files. Please note that not all individuals can be linked to the 1994 and/or 2000 data files. These individuals are coded as "N/A" on the appropriate identifier set(s).

Identifiers from the 1994 Survey

				1994 Household Identifier	
	HHID94	N	8	Household ID from Questionnaire in 1994 N/A	Village # + Sequence # + # [.]
The HHID94 variable is not in the public use data, but it has been replaced with a variable called PHHID94. The values for this new variable were randomly generated based on the original values from HHID94:					
Public Use Codes	PHHID94	N	4	Randomly generated sequence number N/A	1 – 7331 [.]
				1994 CEP Number	
	CEP94	A	3	Person Identifier within the 1994 household N/A	101 – 205, 401 – 409, 491 – 494, 501 – 511 [ ]

Identifiers from the 2000 Survey

				2000 Household Identifier	
	HHID00	A	9	Household ID from Questionnaire in 2000 N/A	Village # + House # [ ]
The HHID00 variable is not in the public use data, but it has been replaced with a variable called PHHID00. The values for this new variable were randomly generated based on the original values from HHID00:					
Public Use Codes	PHHID00	N	4	Randomly generated sequence number N/A	1 – 9415 [.]
				2000 CEP Number	
	CEP00	A	2	Person Identifier within the 2000 household N/A	01 – 20 [ ]

Question No.	Variable			Question	Code
	Name	Type	Size		
1				1984 CEP Number (Person ID within household)	
	CEP84	A	3	Current household member (A1) Temporarily absent household member (A2)	101 – 118 201 – 209
				Form A Section	
	IN84_01	A	1	A1. A2.	1 2
				Type of village?	
	IN84_02	A	1	Project Non-project	1 2
2				Relationship to the household head	
	IN84_04	N	2	Head of Household Wife Child Son in law/Daughter in law Adopted child/stepchild Father/Mother Father in law/Mother in Law Grandchild/Great-grandchild Relative, sibling, in law Resident/Friend Maid/Housekeeper Husband Household head is temporarily absent Missing/Don't know	1 2 3 4 5 6 7 8 9 10 11 12 21 99
3				Sex	
	IN84_05	N	1	Male Female Missing/Don't know	1 2 9
4				Age	
	IN84_06	N	2	Code actual age in years 80 or older Less than 1 year, code 8 + # months, • e.g., 3 months = 83, 11 months = 91 Missing/Don't know	 80 8 + # of months 99

Question No.	Variable			Question	Code
	Name	Type	Size		
5				Education	
	IN84_07	N	2	See Education Appendix N/A Missing/Don't know	 98 99
6 on A1. 7 on A2.				Occupation – Primary	
	IN84_08	N	2	See Occupation Appendix N/A (< 11 years old) Missing/Don't know	 98 99
7				Occupation – Secondary	
	IN84_09	N	2	See Occupation Appendix No secondary job N/A (< 11 years old or temporarily absent) Missing/Don't know	 93 98 99
8				Marital status?	
	IN84_10	N	1	Single Married Widowed Divorced Separated N/A (< 13 years old) Missing/Don't know	1 2 3 4 5 8 9

Ask only of currently married women who are less than 50 years old and not temporarily absent

Question No.	Variable			Question	Code
	Name	Type	Size		
9 on A1.				Family Planning	
	IN84_11	N	2	Contraceptive pill Condom IUD Contraceptive injection Female sterilization Male sterilization Rhythm method Withdrawal Other methods Pregnant woman, code 8 + # of months pregnant (e.g., 6 months pregnant = 86) Not practicing family planning N/A Missing/Don't know	1 2 3 4 5 6 7 8 9 8 + # of months 96 0, 98 99

Question No.	Variable			Question	Code
	Name	Type	Size		

Variables IN84_12 – IN84_16 are for Temporarily Absent Members Only (Section A2.)

Question No.	Name	Type	Size	Question	Code
6				Occupation – Previous	
	IN84_12	N	2	See Occupation Appendix N/A Missing/Don't know	 98 99

Question No.	Name	Type	Size	Question	Code
9				Reason for moving	
	IN84_13	N	2	Married Moved in with parents Moved in with couple Divorced / separated Because of job Because of education or occupational training Return home / parent's home Monkhood Look for a job / work / earn money Earned less income / difficult to earn a living Look for new land Change job Conscription Live with relative / visit relative Tired of previous job Go for pleasure Other, e.g., in prison, delivery N/A Missing/Don't know	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 50 98 99

Question No.	Name	Type	Size	Question	Code
10				Current residence	
	IN84_14	A	2	See Province Appendix N/A Missing/Don't know	 98 99

Question No.	Name	Type	Size	Question	Code
11				Do you think they will come back?	
	IN84_15	N	3	Will return, code 1 + # months (e.g., in 5 months = 105) Will return but unsure when Will return within one month Won't return Not certain N/A Missing/Don't know	1+ # of months 100 200 222 333 998 999

Question No.	Name	Type	Size	Question	Code
12				Has mover ever sent money back?	
	IN84_16	N	1	Yes No Not sure N/A (< 11 years old) Missing/Don't know	1 2 3 8 9

Form A, Section A3: Household Information

Question No.	Variable			Question	Code
	Name	Type	Size		
				Form A Section	
	HH84_01	A	1	Form A3	1
				Type of village	
	HH84_02	A	1	Project Non-project	1 2
				Informant	
	HH84_03	A	2	Last 2 digits of CEP84. Missing/Don't know	01 – 13 99
				Information on household head	
	HH84_04	A	3		011 – 212
1				Type of living quarters	
	HH84_05	N	1	Hut Single story, thatched roof Single story, zinc roof Single story, tile roof Wood house on stilts with concrete foundation Brick house Two story wood house Missing/Don't know	1 2 3 4 5 6 7 9
2				How long ago was this house built?	
	HH84_06	N	2	Code actual number of years Less than one year, recently built More than 80 years Currently being built Can't remember Missing/Don't know	 0 80 81 98 99
3				How long ago was the last time this house was repaired?	
	HH84_07	N	2	Code actual number of years Less than one year, recently repaired More than 80 years Currently being repaired Never repaired Missing/Don't know	 0 80 81 82 99

Question No.	Variable			Question	Code
	Name	**Type**	**Size**		
4				What source of water does your household use for domestic use?	
				Piped water	
	HH84_08	N	1	For drinking For other use Both No piped water	1 2 3 8
	HH84_09 – HH84_13 use the same codes as HH84_08				
	HH84_09 HH84_10 HH84_11 HH84_12 HH84_13	N N N N N	1 1 1 1 1	Rain water Capstan hand/pump well Digging well/concrete well Pond/reservoir River/canal/weir	
5				How does your household store water for drinking and domestic use?	
				Cement tank	
	HH84_14	N	1	For drinking water For other use Both drinking and other Does not use cement tank Missing/Don't know	1 2 3 8 9
				Metal tank	
	HH84_15	N	1	For drinking water For other use Both drinking and other Does not use cement tank Missing/Don't know	1 2 3 8 9
				Big jar	
	HH84_16	N	1	For drinking water For other use Both drinking and other Does not use cement tank Missing/Don't know	1 2 3 8 9
				Number of big jars for drinking water	
	HH84_17	N	1	Code actual number None N/A Missing/Don't know	 0 8 9
	HH84_18 uses the same codes as HH84_17				
	HH84_18	N	1	Number of big jars for water for other use	

Question No.	Variable			Question	Code
	Name	Type	Size		
5				Other container	
	HH84_19	N	1	For drinking water	1
				For other use	2
				Both drinking and other	3
				Does not use cement tank	8
				Missing/Don't know	9

Question No.	Variable			Question	Code
6				What type of fuel does your household use for cooking?	
				Firewood / charcoal	
	HH84_20	N	1	Yes	1
				No	8
				HH8421 – HH84_24 use the same codes as HH84_20	
	HH84_21	N	1	Rice husks	
	HH84_22	N	1	Electricity	
	HH84_23	N	1	Biogas	
	HH84_24	N	1	Natural Gas	

Question No.	Variable			Question	Code
7				Does your household use electricity?	
	HH84_25	N	1	Yes, for household use only	1
				Yes, for household and occupational use	2
				No	8
				Missing/Don't know	9

Question No.	Variable			Question	Code
8				Does your household have the following assets?	
				Television	
	HH84_26	N	1	Code the actual number owned	
				No	8
				Missing/Don't know	9
				HH84_27 – HH84_31 use the same codes as HH84_26	
	HH84_27	N	1	Refrigerator	
	HH84_28	N	1	Water pump	
	HH84_29	N	1	Itan / agricultural vehicle	
	HH84_30	N	1	Pick-up truck	
	HH84_31	N	1	Motorcycle	

Question No.	Variable			Question	Code
9				What type of latrine does your household use?	
	HH84_32	N	1	Inside house	1
				Outside house	2
				Ground pit	3
				Public	4
				Other (e.g., temple latrine)	5
				No latrine	8
				Missing/Don't know	9

Question No.	Variable			Question	Code
	Name	Type	Size		
10				How many rai of land does your household own?	
	HH84_33	N	3	Code actual number of rai Less than one rai No land Missing/Don't know	 0 998 999
11				How many rai does your household use for cultivation?	
	HH84_34	N	3	Code actual number of rai Less than one rai No land Missing/Don't know	 0 998 999
				Amount of land used for cultivation rented	
	HH84_35	N	3	Code actual number of rai Less than one rai Free of charge Not cultivated Missing/Don't know	 0 997 998 999
				Amount of land used for cultivation rent-free	
	HH84_36	N	3	Code actual number of rai rent-free Less than one rai All rented land Not cultivated Missing/Don't know	 0 997 998 999
12				What kinds of animals does your household raise?	
				Cattle	
	HH84_37	N	1	For labor For sale For both Not raising this type of livestock Missing/Don't Know	1 2 3 8 9
				Other Livestock use the same codes as Cattle	
	HH84_39	N	1	Water buffalo	
	HH84_41	N	1	Pigs	
	HH84_43	N	1	Geese	
	HH84_45	N	1	Ducks	
	HH84_47	N	1	Chickens	
	HH84_49	N	1	Other (e.g., fish pond)	

Question No.	Variable			Question	Code
	Name	Type	Size		
12				Number of cattle raised	
	HH84_38	N	2	Code actual number	
				More than 90	90
				Not raising this type of livestock	98
				Missing/Don't Know	99
	Number of other livestock use the same codes as Cattle				
	HH84_40	N	2	Number of water buffalo raised	
	HH84_42	N	2	Number of pigs raised	
	HH84_44	N	2	Number of geese raised	
	HH84_46	N	2	Number of ducks raised	
	HH84_48	N	2	Number of chickens raised	
	HH84_50	N	2	Number of other raised	

Question No.	Variable			Question	Code
13				Does your household do the activities below; if yes, for what purpose?	
				Cloth weaving	
	HH84_51	N	1	For use	1
				For sale	2
				Both	3
				Not participating in this activity	8
				Missing/Don't Know	9
	HH84_52 – HH84_56 use the same codes as HH84_51				
	HH84_52	N	1	Silkworm raising	
	HH84_53	N	1	Food preservation	
	HH84_54	N	1	Bamboo and basket weaving	
	HH84_55	N	1	Vegetable garden	
	HH84_56	N	1	Other activity	

Question No.	Variable			Question	Code
14				Is any member of your household a member of a group?	
				Agricultural group	
	HH84_57	N	1	Yes	1
				No	2
	HH84_58 – HH84_66 use the same codes as HH84_57				
	HH84_58	N	1	Community drug cooperative / drug bank	
	HH84_59	N	1	Cooperative store	
	HH84_60	N	1	Thai volunteer national defense	
	HH84_61	N	1	Cooperative rice barn / rice barn building	
	HH84_62	N	1	Village Scouts	
	HH84_63	N	1	Buffalo bank	
	HH84_64	N	1	Rice bank, fertilizer bank, etc.	
	HH84_65	N	1	Organization of self-defense	
	HH84_66	N	1	Other	

Question No.	Variable			Question	Code
	Name	**Type**	**Size**		
15				What is the most urgent need for improvement in your household?	
	HH84_67	N	2	Earn a living (e.g., not enough land, failed horticulture, fish death, exploitation, drought, unsuccessful cultivation, no water resource, crop pest)	1
				Health (e.g., unhealthy family members, difficult access to health care)	2
				Environmental sanitation (e.g., lack of latrine, drinking water, household use water, water container, well, or dirty house)	3
				Building a new house, improve house	4
				Rice barn	5
				Road, bridge	6
				Electricity	7
				Other (e.g., money, clothes, television, rice mill)	50
				Don't need anything	98
				Missing/Don't know	99

Flag and Status Variables, created at CPC, to assist with Data Analysis

Question No.	Variable			Question	Code
	Name	Type	Size		

For Individuals who link to the 1994 Survey Data Only

				Individual's 1994 Survey Form Status	
	FORM94	A	12	Individuals on Form 1 who are coded as either Q1=0, 1, 3 or 9.	F1
				Code 2 Individuals (Q1=2) who were tracked to Form 2 of another Old HH.	F1&F2&CODE2
				Code 5 Individuals (Q1=5) who were tracked to Form 2 of another Old HH.	F1&F2&CODE5
				Individuals from Combined Old HHs who were originally on Form 2 of the primary hh and Form 1 of the secondary hh.	F1&F2COMHH
				Code 2 Individuals (Q1=2) who were tracked to Form 3 of another Old HH.	F1&F3&CODE2
				Code 5 Individuals (Q1=5) who were tracked to Form 3 of another Old HH.	F1&F3&CODE5
				Individuals on Form 2 who actually link back to person in 1984, but is NOT Code 2.	F2-OLD
				Individuals on Form 3 who actually link back to person in 1984, but is NOT Code 2.	F3-OLD
				Code 2 Individuals (Q1=2) on Form 1 who could not be tracked to a destination hh.	CODE2-F1ONLY
				N/A	[ ]

For Individuals who link to the 2000 Survey Data Only

				Individual's 2000 Survey Form Status	
	FORM00	A	12	Individuals on Form 1 who are coded as either X1=0, 1, 3 or 9.	F1
				Code 2 Individuals (X1=2) who were tracked to Form 2 of another Old HH.	F1&F2&CODE2
				Code 2 Individuals (X1=2) who were tracked to Form 3 of another Old HH.	F1&F3&CODE2
				Individuals on Form 2 who actually link back to person in 1984 or 1994, but is NOT Code 2.	F2-OLD
				Individuals on Form 3 who actually link back to person in 1984 or 1994, but is NOT Code 2.	F3-OLD
				Code 2 Individuals (X1=2) on Form 1 who could not be tracked to a destination hh.	CODE2-F1ONLY
				Individuals on Form HM whose entire household moved out of the village.	FHM
				N/A	[ ]