

1980 POPULATION CENSUS OF THAILAND

.01 SAMPLE - MASTER FILE

DATA DOCUMENTATION AND CODEBOOK

1980 POPULATION CENSUS OF THAILAND

.01 SAMPLE - MASTER FILE

CONTENTS

Page

TECHNICAL INFORMATION ON THE DATA TAPE

DESCRIPTION OF THE DATE FILE

INDEX OF VARIABLES

CODES AND DESCRIPTIONS OF VARIABLES

APPENDICES:

A.1: Form 1, Listing Form

A.2: Census Enumeration Form, Form 2 (Long Form)

B: Amphoe and Province Codes

C: Codes for Education Levels

D: National Statistical Office, Office of the Prime Minister, Bangkok. 1984. "Thailand 1980." Pp. 233-240 in Lee-Jay Cho and Robert L. Hearn (Eds.) Censuses of Asia and the Pacific 1980 Round. Honolulu, Hawaii: East-West Population Institute, East-West Center.

E: Sample of Output from Data Tape

#### TECHNICAL INFORMATION ON THE DATA TAPE

The .01 sample file described in this documentation is stored on tape. To access it, use the following:

DSN = THAI80.CLEAN

UNIT = TAPE9

LRECL = 97

BLKSIZE = 32495

RECFM = FB

LABEL = (2, SL)

VOL = SER = TU8452 (Backup copy, TU0189)

## DESCRIPTION OF THE DATA FILE

This document describes the approximately .01 sample file of the 1980 Population Census of Thailand. The enumeration procedures used in the conduct of the 1980 Population and Housing Census were rather complex. The household was the basic unit of enumeration. Households were first listed on Form 1 (see Appendix A.1) and the population was then enumerated with Form 2. There were two types of Form 2: a Short Form which was used to collect information on 11 population characteristics (type of household, name, relationship to head of household, sex, residence status, month and year of birth, education, marital status, occupation, industry and work status during the past year) for every household, and a Long Form with 26 population questions and 18 housing questions (see Appendix A.2). Part 1 of the Long Form identifies the household; Part 2 collects information on the individual; and Part 3 contains housing questions which were asked of private households only.

## SAMPLE DESIGN

Administrative areas were sampled in different in proportions.

Bangkok metropolis and all nonmunicipal areas:

Enumeration was carried out in two stages. In stage one, private households were enumerated using the Short Form questionnaire (collective households were enumerated using the Long Form questionnaire for individual characteristics but were not asked questions on housing characteristics). In stage two, a 20 percent sample of private households was selected for another enumeration with the Long Form questionnaire which asked detailed questions on individual and housing characteristics.

All other municipal areas (except Bangkok):

All persons and households were enumerated using the Long Form questionnaire but collective households were not asked detailed housing questions (see Appendix D for more information).

The sample in this data file was obtained by drawing a stratified sample of "long form" questionnaires. The strata were Bangkok and the four major regions of Thailand, cross-classified by municipal and nonmunicipal areas. Weights are included on each record to adjust for the sampling fractions and to inflate the sample to the total population of Thailand. This results in nine different weights for the sample. The mean weight is 114.1, with a standard deviation of 7.9. There are 388,080 unweighted individual records in the data file. Applying the weight factor produces a total of 44,276,037 weighted individual records. Most users of the sample file will want to use the weight variable but deflate the number of cases to the original unweighted sample. To do this, multiply each weight by the ratio of the unweighted sample size to the weighted total population count (388,080/44,276,037).

## STRUCTURE AND CONTENTS

Each individual record occupies 97 columns. The first 11 variables (Columns 1 to 22) are characteristics of the household in which the individual resides. Variables 12 to 42 contain the individual characteristics (Columns 23 to 81). Not all of these individual characteristics are collected for every person. For example, questions on work are asked of persons 11 years and older only, and family planning items only apply to currently

married women below 50 years old.

There are four recoded variables -- age, children ever-born, children still living, and duration of marriage -- on each record, occupying Columns 83 to 90. The last variable is the weight factor, located in Columns 91 to 97. It should be read with an implied decimal of four places or divided by 10,000.

## INDEX AND LOCATION OF VARIABLES

Census

Form

Variable      Question

| Number | Variable Name | Length | Location |
|--------|---------------|--------|----------|
| Number |               |        |          |

---

V1 to V11: Household Characteristics (Based on Part 1,

Long Form, Enumeration Form 2)    Part 1

V1    Region 1      1    --

|     |                                   |   |         |      |
|-----|-----------------------------------|---|---------|------|
| V2  | Changwat (Province)               | 2 | 2 - 3   | --   |
| V3  | Amphoe (District)                 | 2 | 4 - 5   | --   |
| V4  | Municipality/Non-<br>Municipality | 2 | 6 - 7   | --   |
| V5  | ED Number                         | 2 | 8 - 9   | b    |
| V6  | Block or Village Number           | 2 | 10 - 11 | c, d |
| V7  | Sanitary District                 | 1 | 12      | e    |
| V8  | Household Number                  | 4 | 13 - 16 | f    |
| V9  | Type of Household                 | 1 | 17      | g    |
| V10 | Number of Persons in<br>Household | 4 | 18 - 21 | h    |
| V11 | Sample Identification             | 1 | 22      | --   |

V12 to V42: Individual Characteristics (Based

on Part 2, Long Form, Enumeration Form 2)

FOR ALL PERSONS

V12 Line Number of Person 4 23 - 26L(1)

V13 Relationship to Head of  
Household 2 27 - 28L(3)

V14 Month of Birth 2 29 - 30L(4)

V15 Year of Birth 3 31 - 33L(4)

V16 Age 2 34 - 35L(5)

Census

Form

Variable Question

Number Variable Name Length Location Number

---

V17 Residence Status 1 36 L(6)

V18 Sex 1 37 L(7)



FOR PERSONS 5 YEARS AND OLDER

V19 Highest Grade Completed 2 38 - 39L(8)

FOR PERSONS 11 YEARS AND OLDER

V20 Marital Status 1 40 L(9)

V21 Occupation Last Year 3 41 - 43L(10)

V22 Principal Industry Last  
Year 2 44 - 46L(11)

V23 Work Status 1 47 L(12)

FOR ALL PERSONS

V24 Language Spoken in  
Household 2 48 - 49L(0)

V25 Line Number of Mother 2 50 - 51L(13)

V26 Religion 1 52 L(14)

V27 Place of Birth 2 53 - 54 L(15)

FOR PERSON 5 YEARS AND OLDER

V28 School Grade Attended 2 55 - 56 L(16)

V29 Literacy 1 57 L(17)

V30 Length of Residence 2 58 - 59 L(18)

V31 Previous Place of Residence

Changwat or Country<sup>2</sup> 60 - 61 L(19)

V32 Previous Place of Residence

Amphoe 2 62 - 63 L(19)

V33 Place of Previous Residence

Rural/Urban 1 64 L(20)

Census

Form

Variable Question

| Number | Variable Name | Length | Location | Number |
|--------|---------------|--------|----------|--------|
|--------|---------------|--------|----------|--------|

---

|     |                   |   |              |  |
|-----|-------------------|---|--------------|--|
| V34 | Reason for Moving | 2 | 65 - 66L(21) |  |
|-----|-------------------|---|--------------|--|

#### FOR EVER-MARRIED WOMEN

|     |                 |   |              |  |
|-----|-----------------|---|--------------|--|
| V35 | Age at Marriage | 2 | 67 - 68L(22) |  |
|-----|-----------------|---|--------------|--|

|     |                                      |   |              |  |
|-----|--------------------------------------|---|--------------|--|
| V36 | Number of Children Living<br>at Home | 2 | 69 - 70L(23) |  |
|-----|--------------------------------------|---|--------------|--|

|     |                                   |   |              |  |
|-----|-----------------------------------|---|--------------|--|
| V37 | Number of Children Living<br>Away | 2 | 71 - 72L(24) |  |
|-----|-----------------------------------|---|--------------|--|

|     |                                |   |              |  |
|-----|--------------------------------|---|--------------|--|
| V38 | Number of Children Who<br>Died | 2 | 73 - 74L(25) |  |
|-----|--------------------------------|---|--------------|--|

#### FOR CURRENTLY MARRIED WOMEN, 50 YEARS OLD AND BELOW

|     |                 |   |    |       |
|-----|-----------------|---|----|-------|
| V39 | Family Planning | 1 | 75 | L(26) |
|-----|-----------------|---|----|-------|

|     |                         |   |    |       |
|-----|-------------------------|---|----|-------|
| V40 | Type of Family Planning | 1 | 76 | L(27) |
|-----|-------------------------|---|----|-------|

FOR PERSONS 11 YEARS AND OLDER

V41 Principal Occupation Last

Week 3 77 - 79L(28)

V42 Reason for Not Working 2 80 - 81L(29)

Blank - 82 --

RECODED VARIABLES

V43 Age II 2 83 - 84--

V44 Children Ever Born II 2 85 - 86--

V45 Children Still Living II 2 87 - 88--

V46 Duration of Marriage 2 89 - 90--

-----

V47 Weight7 91 - 97--

## CODES AND DESCRIPTIONS OF VARIABLES

| Variable<br>Number | Variable Description and Codes | Column |
|--------------------|--------------------------------|--------|
|--------------------|--------------------------------|--------|

---

### IDENTIFICATION OF HOUSEHOLD

|    |        |                    |
|----|--------|--------------------|
| V1 | REGION | 1                  |
|    | 1      | Bangkok Metropolis |
|    | 2      | Central            |
|    | 3      | North              |
|    | 4      | Northeast          |
|    | 5      | South              |

|    |                     |       |
|----|---------------------|-------|
| V2 | CHANGWAT (Province) | 2 - 3 |
|----|---------------------|-------|

Changwat (provinces) are identified by 2-digit codes, ranging from 01 to 72. There were 72 provinces in 1980.

| Changwat       | Code | Changwat          | Code |
|----------------|------|-------------------|------|
| PHRA NAKORN    | 72   | MAE HONG SON      | 42   |
| KANCHANABURI   | 02   | LAMPANG           | 50   |
| CHANTHA BURI   | 06   | LAM PHUN          | 51   |
| CHCHOENGSAO    | 07   | SUKHOTHAI         | 62   |
| CHON BURI      | 08   | UTTARADIT         | 69   |
| CHAINAT        | 09   | UTHAI THANI       | 70   |
| TRAT           | 15   | KALASIN           | 03   |
| NAKHON NAYOK   | 17   | KHON KAEN         | 05   |
| NAKHON PATHOM  | 18   | CHAIYAPHUM        | 10   |
| NONTHABURI     | 23   | NAKHON PHANOM     | 19   |
| PATHUM THANI   | 27   | NAKHON RATCHASIMA | 20   |
| PRACHUAP KHIRI |      |                   |      |
| KHAN           | 28   | BURI RAM          | 26   |
| PRACHIN BURI   | 29   | MAHA SARAKAM      | 41   |
| PRA NAKHON SI  |      |                   |      |
| AYUTTHAYA      | 31   | YASOTHON          | 43   |
| PETCHABURI     | 37   | ROI ET            | 45   |
| RAYONG         | 47   | LOEI              | 52   |
| RATCHABURI     | 48   | SI SA KET         | 53   |

|                 |    |                  |    |
|-----------------|----|------------------|----|
| LOP BURI        | 49 | SAKON NAKHON     | 54 |
| SAMUT PRAKAN    | 57 | SURIN            | 65 |
| SAMUT SONGKHRAM | 58 | NONG KAI         | 66 |
| SAMUT SAKHON    | 59 | UDON THANI       | 68 |
| SARABURI        | 60 | UBON RATCHATHANI | 71 |
| SING BURI       | 61 | KRABI            | 01 |
| SUPHAN BURI     | 63 | CHUMPHON         | 11 |

Variable                      Variable Description and Codes                      Column  
Number

---

|                |    |                  |    |
|----------------|----|------------------|----|
| ANG THONG      | 67 | TRANG            | 14 |
| KAMPHAENG PHET | 04 | NAKHON THAMMARAT | 21 |
| CHIANG RAI     | 12 | NARATHIWAT       | 24 |
| CHIANG MAI     | 13 | PATTANI          | 30 |
| TAK            | 16 | PHANGNGA         | 33 |
| NAKHON SAWAN   | 22 | PHATTHALUNG      | 34 |
| NAN            | 25 | PHUKET           | 40 |
| PHAYAO         | 32 | YALA             | 44 |
| PHICHIT        | 35 | RANONG           | 46 |
| PHITSANULOK    | 36 | SONGKHLA         | 55 |
| PETCHABUN      | 38 | SATUN            | 56 |
| PHRAE          | 39 | SURAT THANI      | 64 |

V3 AMPHOE (District) 4 - 5

All provinces or Changwat in Thailand are divided into amphoe or districts. Each amphoe within a province is identified by a two digit code, ranging from 01 to 29. See Appendix B for amphoe codes.

V4 MUNICIPALITY 6 - 7

The term "municipality" refers to an administrative status conferred by the Thai Ministry of Interior on a locality that meets certain population size and density criteria. Amphoe or districts include both non-municipal and municipal areas. There are 3 type of municipalities: a nakhon municipality (minimum population of 50,000 and density of 3,000 per square kilometer); a muang municiplaity (minimum population of 10,000 and density of 3,000 per square km); and a tambon (small town or commune) municipality (no official numerical criteria for this). A tambon municipality is established by decree by the Ministry of Interior, usually because it has "urban characteristics and adequate income to provide the services needed for an urban

location" (Visid Prachuabmoh and Penporn Tirasawat, 1974: Internal Migration in Thailand, Paper No. 7, Institute of Population Studies, Chulalongkorn University:

| Variable | Variable Description and Codes | Column |
|----------|--------------------------------|--------|
| Number   |                                |        |

---

Page 11). In addition, the seat of provicial government must also be established as a muang municipality regardless of population size and density.

Codes for Non-Municipal Areas



01-29 Non-Municipal Amphoe

Codes for Municipal Amphoe

31-49 Khwaeng (Bangkok Only)

51-69 Tasaban Nakhon (city municipality)

71-79 Tasaban Muang (town municipality)

91-99 Tasaban Tambon (commune municipality)

V5 ENUMERATION DISTRICT NUMBER (ED) 8 - 9

This is a 2-digit code, ranging from 01 to 99, used to identify Enumeration Districts within municipal and non-municipal areas. An ED was defined as an area assigned to an enumerator to be completed during the stated enumeration period. In municipal areas an ED consisted of one or two blocks, containing about 200-300 households. In non-municipal areas, the ED consisted of 250-350 households, and could be part of a village, a whole village, or more than one village.

V6 VILLAGE OR BLOCK NUMBER 10 - 11

01-98 Village Number (in non-Municipal Areas) or Block Number (in Municipal Areas)

00 No block

The village or block number is a 2-digit code identifying villages in non-municipal (or rural) and blocks in municipal (or urban) areas. These identification numbers were used in mapping areas for enumeration of the population and households.

| Variable | Variable Description and Codes | Column |
|----------|--------------------------------|--------|
| Number   |                                |        |

---

|    |                   |    |
|----|-------------------|----|
| V7 | SANITARY DISTRICT | 12 |
|----|-------------------|----|

A sanitary district refers to a locality that may have the minimum population size to qualify as a municipality but, based on a review by the Ministry of Interior, "has not yet developed those characteristics generally

associated with Urbanism" (Prachuabmoh and Tirasawat, 1974:12). Such areas would then be designated a sanitary district; in other words, it is a geographical and administrative unit that lies between the rural district level and municipalities. Prachuabmoh and Tirasawat (1974:12) note that "in the Thai Census. . . sanitary districts have been included in the rural population."

|          |     |   |
|----------|-----|---|
| District | 0   | Municipal Area, or Outside of Municipal Area and Sanitary |
|          | 1-9 | Sanitary District   |

|    |                  |         |
|----|------------------|---------|
| V8 | HOUSEHOLD NUMBER | 13 - 16 |
|----|------------------|---------|

Each household is identified by a 4-digit number within each ED, starting from 0001.

V9 TYPE OF HOUSEHOLD 17

1 Private household

Collective households:

2 Wat (Temple)

3 Jail

4 Welfare Lodging

5 Hospital

6 Dormitory

7 Military

Other Collective Households:

8 Hotel

9 Rooming House and Other

| Variable | Variable Description and Codes | Column |
|----------|--------------------------------|--------|
| Number   |                                |        |

---

The household was the basic unit of enumeration in the census. Private households referred to those where persons living together in a house, or part of a house, and share food and other essentials for living. All other households were considered collective households, as listed in codes 2 through 9.

|     |                                |         |
|-----|--------------------------------|---------|
| V10 | NUMBER OF PERSONS IN HOUSEHOLD | 18 - 21 |
|-----|--------------------------------|---------|

Persons to be enumerated were counted on a de jure basis (except for students). This variable is a count of the total number of persons who usually reside in a household, e.g., 0001 is coded for a household with only 1 person in it.

|     |                       |    |
|-----|-----------------------|----|
| V11 | SAMPLE IDENTIFICATION | 22 |
|-----|-----------------------|----|

- |   |  |
|---|--|
| 1 | Short Form (11 individual items)                         |
| 2 | Long Form (25 individual items and 18 housing variables) |
| 3 | Housing (18 housing variables)                           |

All records in this data file are drawn from the "populations" enumerated with the Long Form. V11 will always be "2".

## QUESTIONS ASKED OF ALL PERSONS

V12 LINE NUMBER OF PERSON 23 - 26

The line number of person in the household is coded in 4-digits, beginning with 0001 (which usually identifies the head of household) and continuing sequentially until all members of the household have been listed.

V13 RELATIONSHIP TO HEAD OF HOUSEHOLD 27 - 28

|          |    |                                |        |
|----------|----|--------------------------------|--------|
|          | 01 | Head                           |        |
|          | 02 | Wife or Husband of Head        |        |
|          | 03 | Child (son or daughter)        |        |
|          | 04 | Step-child                     |        |
| Variable |    | Variable Description and Codes | Column |
| Number   |    |                                |        |
| <hr/>    |    |                                |        |
|          | 05 | Adopted Child                  |        |
|          | 06 | Son or Daughter-in-law         |        |
|          | 07 | Grandchild, Grandchild-in-law  |        |
|          | 08 | Parents, Parents-in-law        |        |
|          | 09 | Grandparents                   |        |
|          | 10 | All other relatives            |        |

|                        |    |  |
|------------------------|----|--|
|                        | 11 | non-relative (in private household)                        |
|                        | 12 | Servant  |
| Household)             | 13 | Inmate of institution (only if coded "3" in V9, Type of    |
| V9, Type of Household) | 14 | Non-inmate in collective household (coded "2", "4 to 9" in |
|                        | 99 | Unknown  |

V14 MONTH OF BIRTH 29 - 30

|    |          |
|----|----------|
| 01 | January  |
| 02 | February |
| .  | .        |
| .  | .        |
| .  | .        |
| 12 | December |

Codes 01 to 12 correspond to the 12 calendar months. Codes for lunar month of birth were also used, as follows (the corresponding calendar month is given in parentheses):

|    |                          |
|----|--------------------------|
| 21 | Lunar month 1 (December) |
| 22 | Lunar month 2 (January)  |
| 23 | Lunar month 3 (February) |
| 24 | Lunar month 4 (March)    |

- 25 Lunar month 5 (April)
- 26 Lunar month 6 (May)
- 27 Lunar month 7 (June)
- 28 Lunar month 8 (July)
- 29 Lunar month 9 (August)
- 30 Lunar month 10 (September)
- 31 Lunar month 11 (October)
- 32 Lunar month 12 (November)
- 99 Unknown

| Variable<br>Number | Variable Description and Codes | Column |
|--------------------|--------------------------------|--------|
|--------------------|--------------------------------|--------|

---

V15 YEAR OF BIRTH 31 - 33

- | Code | Animal Year   |
|------|---------------|
| 000  | Goat          |
| 001  | Horse         |
| 002  | Snake (small) |

|     |             |
|-----|-------------|
| 003 | Snake (big) |
| 004 | Rabbit      |
| 005 | Tiger       |
| 006 | Cow         |
| 007 | Rat         |
| 008 | Pig         |
| 009 | Dog         |
| 010 | Cock        |
| 011 | Monkey      |

| Code | B.E. Year |
|------|-----------|
|------|-----------|

|     |           |
|-----|-----------|
| 523 | B.E. 2523 |
|-----|-----------|

|     |           |
|-----|-----------|
| 522 | B.E. 2522 |
|-----|-----------|

|   |   |
|---|---|
| . | . |
|---|---|

|   |   |
|---|---|
| . | . |
|---|---|

|   |   |
|---|---|
| . | . |
|---|---|

|     |           |
|-----|-----------|
| 500 | B.E. 2500 |
|-----|-----------|

|     |           |
|-----|-----------|
| 499 | B.E. 2499 |
|-----|-----------|

|   |   |
|---|---|
| . | . |
|---|---|

|   |   |
|---|---|
| . | . |
|---|---|

|   |   |
|---|---|
| . | . |
|---|---|

|     |           |
|-----|-----------|
| 425 | B.E. 2425 |
|-----|-----------|



424 B.E. 2424 and earlier

999 Unknown year of birth

Year of birth is coded either in "Animal Years" or "B.E. years" (Before Enlightenment).

V16 AGE (Reported) 34 - 35

00 Infants less than 1 year old

01 One Year old

. .

. .

. .

97 Ninety-seven years old

| Variable<br>Number | Variable Description and Codes | Column |
|--------------------|--------------------------------|--------|
|--------------------|--------------------------------|--------|

---

98 Ninety-eight years and older

99 Unknown

Reported age refers to the person's age as of his/her last birthday.

V17 RESIDENCE STATUS 36

- 1 Permanent
- 2 Temporarily away
- 3 Temporarily abroad

V18 SEX 37

- 1 Male
- 2 Female
  
- 9 Unknown

QUESTION ASKED OF PERSONS 5 YEARS AND OLDER

V19 HIGHEST GRADE COMPLETED 38 - 39

- 01 Never attended school

|           |                                    |
|-----------|------------------------------------|
| 11        | Kindergarten                       |
| 21-27, 29 | Primary Level                      |
| 31-35, 39 | Secondary Level, General           |
| 55-61, 62 | Secondary Level, Vocational        |
| 71-73, 79 | Secondary Level, Teacher Training  |
| 41-48     | University Level, General          |
| 63-66, 69 | University Level, Vocational       |
| 81-84, 89 | University Level, Teacher Training |
| 90        | Other                              |
| 99        | Unknown                            |

Blank Not Applicable (persons below 5 years old)

| Variable<br>Number | Variable Description and Codes | Column |
|--------------------|--------------------------------|--------|
|--------------------|--------------------------------|--------|

---

V19 applies to persons 5 years and older only and records highest grade of school completed as of January 1980. Detailed education codes are listed in Appendix C.

## QUESTIONS ASKED OF PERSONS 11 YEARS AND OLDER

### V20 MARITAL STATUS 41

- 1 Never married
  - 2 Currently married
  - 3 Widowed
  - 4 Divorced
  - 5 Separated
  - 6 Unknown, but had been married
  - 7 Monk
  - 9 Unknown
- Blank Not Applicable (below 11 years old)

### V21 OCCUPATION LAST YEAR 41 - 43

001-022 Professional, Technical and Related Workers

101-103 Administrative, Executive, Managerial Workers and Government Officials  
not elsewhere classified

|         |  |
|---------|--|
| 201-210 | Clerical and Related Workers   |
| 301-306 | Sale Workers   |
| 401-410 | Agricultural, Animal Husbandry and Forest Workers, Fishermen and Hunters |
| 501-503 | Miners, Quarrymen, Well Drillers and Related Workers                     |
| 601-611 | Transport Equipment Operators and Related Workers                        |
| 701-731 | Craftsmen, Production Workers and Laborers                               |
| 801-813 | Service Workers  |
| 901     | Workers not classifiable by Occupation; Unknown                          |
| 998     | Not working  |
| 999     | Unknown  |

Blank Not Applicable (persons below 11 year old)

| Variable<br>Number | Variable Description and Codes | Column |
|--------------------|--------------------------------|--------|
|--------------------|--------------------------------|--------|

---

V21 refers to the individual's usual occupation (what he/she was doing most of the time) in the preceding 12 months. The above list are the codes for the major occupational groups. Detailed codes for occupations are not available at present.

V22 INDUSTRY LAST YEAR 44 - 46

|         |  |
|---------|--|
| 001-002 | Agriculture, Forestry, Hunting and Fishing |
| 101-104 | Mining and Quarrying                       |

|         |  |
|---------|--|
| 201-241 | Manufacturing:   |
| 201-212 | Food, Beverage and Tobacco   |
| 213-216 | Textiles, Apparel, Leather goods                                   |
| 217-219 | Wood and wood products, including furniture                        |
| 220-221 | Paper and paper products, printing and allied industries           |
| 222-226 | Rubber and rubber products, chemicals, petroleum, plastic products |
| 227-230 | Non-metallic mineral products                                      |
| 231-238 | Metal and metal products, machinery and equipment                  |
| 239-241 | Other manufacturing, not elsewhere classified                      |
| 301-304 | Construction, Repair and Demolition                                |
| 401-403 | Electricity, Water and Sanitary Services                           |
| 501-510 | Commerce   |
| 501-503 | Wholesale Trade  |
| 504     | Wholesale and Retail Trade   |
| 505-510 | Retail trade   |
| 601-610 | Transport, Storage and Communication                               |
| 701-718 | Services   |
| 801-803 | Financing, Insurance, Real Estate, Other Business Services         |

999 Activities not adequately Described or Unknown

| Variable<br>Number | Variable Description and Codes | Column |
|--------------------|--------------------------------|--------|
|--------------------|--------------------------------|--------|

---

Blank Not Applicable (persons below 11 years old and coded "998" -- not working -- on V22)

V22 refers to the usual industry of employment during the 12 months preceding enumeration. The above is a list of the codes for the major industry categories. A detailed list of industry codes is currently unavailable.

V23 WORK STATUS 47

- 1 Employer
- 2 Self-employed or Own Account Worker
- 3 Government Employee
- 4 Government Enterprise Employee
- 5 Private Employee
- 6 Unpaid Family worker
- 9 Unknown

Blank Not Applicable (persons below 11 years old and coded "998" -- not working -- on V21)

QUESTIONS ASKED OF ALL PERSONS

V24 LANGUAGE IN HOUSEHOLD 48 - 49

- 01 Thai
- 02 Chinese
- 03 Malay
- 04 Mon-Burmese
- 05 Khmer-Suai
- 06 Laos-Vietnamese
- 07 English
- 08 Western Language
- 09 Tai
- 10 Lahu
- 11 Lisu
- 12 Ekiru
- 13 Umpi
- 14 Bisu
- 15 Kachin
- 16 Khamu
- 17 Lua



| Variable<br>Number | Variable Description and Codes                       | Column  |
|--------------------|--|---------|
| 18                 | Karen  |         |
| 19                 | Meo  |         |
| 20                 | Yao  |         |
| 21                 | Ho   |         |
| 22                 | Yawi   |         |
| 23                 | Hindi, Zie, Indian Language                          |         |
| 24                 | Other  |         |
| 99                 | Unknown  |         |
| V25                | LINE NUMBER OF MOTHER                                | 50 - 51 |
| 01                 | Person's Mother, Person Line Number is 01            |         |
| 02                 | Person's Mother's Line Number is 02                  |         |
| .                  | .  |         |
| .                  | .  |         |
| 31                 | Person's Mother's Person Line Number is 31 and Above |         |

95 Mother not in household

99 Unknown

V25 is based on responses to the Census Form question: "Is mother living in this household?" If the mother is in the household, her line number (from V12) is recorded here.

V26 RELIGION 52

1 Buddhist  
2 Confucian  
3 Islam  
4 Christian  
5 Hindu  
6 Other  
7 None  
9 Unknown

Variable

Variable Description and Codes

Column

Number

---

V27 PLACE OF BIRTH (Changwat or Country) 53 - 54

01-72 Changwat Codes (see Appendix C)

79 Unknown Changwat, but born in Thailand

Country

81 China

82 Malaysia, Singapore, Philippines, Indonesia

83 Socialist Republic of Vietnam

84 Laos People's Democratic Republic

85 Kampuchea

86 Bangladesh, India, Pakistan, Sri Lanka

87 Other Asian Countries

88 Europe

89 Australia, New Zealand and Pacific Countries

90 U.S.A., Canada, Mexico

91 Central and South America, Africa

99 Unknown

QUESTION ASKED OF PERSONS BETWEEN 5 AND 30

YEARS OLD

| Variable  | Variable Description and Codes         | Column  |
|-----------|--|---------|
| V28       | SCHOOL GRADE ATTENDED                  | 55 - 56 |
|           | 01 Does not Attend School              |         |
|           | 11 Kindergarten                        |         |
|           | 21-27, 29 Primary Level                |         |
|           | 31-35, 39 Secondary Level, General     |         |
|           | 55-61, 62 Secondary Level, Vocational  |         |
| 72-73, 79 | Secondary Level, Teacher Training      |         |
|           | 41-45, 47 University Level, General    |         |
|           | 63-66, 69 University Level, Vocational |         |
| 81-84, 89 | University Level, Teacher Training     |         |
|           | 90 Other                               |         |
| 91        | Unknown (whether attending or not)     |         |

Number

---

99 Unknown (level of education attending)

Blank Not Applicable (below 5 and over 30 years old)

V28, Highest Grade of School Attended as of January 1, 1980, was asked of persons between 5 and 30 years old only. For a detailed list of educational levels, see Appendix .

#### QUESTIONS ASKED OF PERSONS 5 YEARS AND ABOVE

V29 LITERACY 57

1 Literate (Can read and write in any Language)  
2 Illiterate (Cannot read and write, or can only read, in any language)  
9 Unknown

Blank Not Applicable (below 5 years old)

V30 LENGTH OF RESIDENCE IN CURRENT PLACE

OF RESIDENCE 58 - 59

00 Less than 1 year

- 01 1 year
- 02 2 years
- .
- .
- .
- 98 98 years and over
- 99 Unknown

Blank Not Applicable (below 5 years old)

V30 records references to the question: "How long has . . . been living in this village or municipality consecutively?"

The actual number of years of consecutive residence in the current place of residence is recorded here.

| Variable | Variable Description and Codes | Column |
|----------|--------------------------------|--------|
|----------|--------------------------------|--------|

Number

---

|     |   |         |
|-----|---|---------|
| V31 | PREVIOUS CHANGWAT OR COUNTRY OF RESIDENCE | 60 - 61 |
|-----|---|---------|

78 Same Changwat

01-72 Different Changwat (see Changwat codes and label for V2)

- 79 Unknown Changwat, but in Thailand
  - 81 China
  - 82 Malaysia, Singapore, Philippines, Indonesia
    - 83 Socialist Republic of Vietnam
    - 84 Laos People's Democratic Republic
    - 85 Kampuchea
  - 86 Bangladesh, India, Pakistan, Sri Lanka
    - 87 Other Asian Countries
    - 88 Europe
    - 89 Australia, New Zealand and Pacific Countries
    - 90 U.S.A., Canada, Mexico
    - 91 Central and South America, Africa
  - 99 Not Applicable (persons below 5 years old or coded "05 and Above" in V30)
- Blank Not Applicable

If the respondent has lived for less than 5 years in his/her current place of residence (coded "00 to 04" in V30), information on previous changwat or country of residence is recorded in V31.

V32 PREVIOUS AMPHOE OF RESIDENCE 62 - 63

01-29 Amphoe Codes (see Appendix B)

99 Unknown

Blank Not Applicable (persons below 5 years old or coded "05 and Above 11 in V30 and not coded "78" in V31)

V32, previous amphoe of residence, was asked only of persons who had moved within the same changwat or province (coded "78" in V31).

| Variable<br>Number | Variable Description and Codes | Column |
|--------------------|--------------------------------|--------|
|--------------------|--------------------------------|--------|

---

|     |                                   |    |
|-----|-----------------------------------|----|
| V33 | TYPE OF PLACE, PREVIOUS RESIDENCE | 64 |
|-----|-----------------------------------|----|

|   |                                |
|---|--------------------------------|
| 1 | Village (or Sanitary District) |
|---|--------------------------------|

|   |                        |
|---|------------------------|
| 2 | Tesaban (Municipality) |
|---|------------------------|

|   |         |
|---|---------|
| 9 | Unknown |
|---|---------|

Blank Not Applicable (below 5 years old and coded "05 and above" on V30).

V33 was asked of all persons who have resided for less than 5 years in their current place of residence. The codes refer to whether the person (who had moved within Thailand) had previously lived in a municipal or non-municipal area, providing information on rural to urban migration.



V34 REASON FOR MOVING 65 - 66

- 01 To study
- 02 To accompany person in the household
  - 03 To change marital status
  - 04 To look for work
  - 05 To take a job, to change jobs
  - 06 Job transfer
- 07 Job-related, not classified elsewhere
  - 08 To return home
  - 09 To another residence
  - 10 To be ordained
- 11 To the military, prison, other institution, and other reasons
  
- 99 Unknown

Blank Not Applicable (persons below 5 year old or coded "05 and above" in V30)

QUESTIONS ASKED OF EVER-MARRIED WOMEN

V35 AGE AT MARRIAGE 67 - 68

11 11 years old

. .

. .

. .

| Variable<br>Number | Variable Description and Codes | Column |
|--------------------|--------------------------------|--------|
|--------------------|--------------------------------|--------|

---

97 97 years old

98 98 years and over

99 Unknown

Blank Not Applicable

The actual age at first marriage of ever-married women was recorded.

V36 NUMBER OF OWN CHILDREN LIVING AT HOME 69 - 70

00 None

01 1

. .

. .

. .

29 29

99 Unknown

Blank Not Applicable

The actual number of children ever born who are still living in the household is recorded here.

V37 NUMBER OF OWN CHILDREN LIVING AWAY 71 - 72

00 None

01 1

. .

. .

. .

29 29

99 Unknown

Blank Not Applicable

The actual number was recorded.

V38 NUMBER OF OWN CHILDREN WHO HAVE DIED 73 - 74

00 None

01 1

. .

. .

. .

29 29

99 Unknown

| Variable<br>Number | Variable Description and Codes | Column |
|--------------------|--------------------------------|--------|
|--------------------|--------------------------------|--------|

---

Blank Not Applicable

The actual number was recorded.

QUESTIONS ASKED OF CURRENTLY MARRIED WOMEN,

50 YEARS OLD AND BELOW

V39 FAMILY PLANNING 75

1 Yes

2 No

9 Unknown

Blank Not Applicable

The question asked was: "Do you or your husband practice contraception?"

V40 TYPE OF FAMILY PLANNING 76

- 1 Pill
- 2 I.U.D.
- 3 Injection (DMPA)
- 4 Female Sterilization
- 5 Male Sterilization
- 6 Other
- 9 Unknown

Blank Not Applicable (coded "2", "9" or "Blank" on V39)

This question was asked only of women who reported the use of contraception.

QUESTIONS ASKED OF ALL PERSONS 11 YEARS OLD AND OLDER

V41 OCCUPATION LAST WEEK 77 - 79

V41 records responses to the question: "What was . . . working at last week?" Actual occupation, for example, typists, school teacher, was written down and subsequently coded according to standard occupational classifications. The codes for V41 are

| Variable Number | Variable Description and Codes | Column |
|-----------------|--------------------------------|--------|
|-----------------|--------------------------------|--------|

similar to those used in V21. Detailed occupational codes are currently not available.

01-901

998 Not working

999 Unknown

Blank Not Applicable

V42 REASON FOR NOT WORKING 80 - 81

01 Looking for work, inexperienced worker

02 Looking for work, experienced worker

03 Waiting for farm season

04 Home-maker

05 Student

06 Disabled, ill, aged person

- 07 Priest, nun
- 08 Prisoner, on welfare
- 09 Income recipient
- 10 Not looking for work, waiting for Job transfer
- 11 Not looking for work, discouraged
- 12 Other
- 99 Unknown

Blank Not Applicable (working)

If the person reported not working during the last week, his/her reason for not working was noted in V42.

-- BLANK 82

#### RECODED VARIABLES

V43 AGE II83 - 84

- 0 Less than 1 year
- 1 One year
- 2 Two years
- .

| Variable<br>Number | Variable Description and Codes | Column |
|--------------------|--------------------------------|--------|
|--------------------|--------------------------------|--------|

---

|    |                        |  |
|----|------------------------|--|
| 98 | Ninety-eight and older |  |
|----|------------------------|--|

V44 CHILDREN EVER-BORN II85 - 86

|   |      |  |
|---|------|--|
| 0 | None |  |
|---|------|--|

|   |     |  |
|---|-----|--|
| 1 | One |  |
|---|-----|--|

|   |     |  |
|---|-----|--|
| 2 | Two |  |
|---|-----|--|

|   |   |  |
|---|---|--|
| . | . |  |
|---|---|--|

|   |   |  |
|---|---|--|
| . | . |  |
|---|---|--|

|   |   |  |
|---|---|--|
| . | . |  |
|---|---|--|

|    |         |  |
|----|---------|--|
| 99 | Unknown |  |
|----|---------|--|

Blank Not Applicable

V45 CHILDREN STILL LIVING II 87 - 88



|    |         |
|----|---------|
| 0  | None    |
| 1  | One     |
| 2  | Two     |
| .  | .       |
| .  | .       |
| .  | .       |
| 99 | Unknown |

Blank Not Applicable

V46 DURATION OF MARRIAGE 89 - 90

|    |                    |
|----|--------------------|
| 01 | One Year           |
| 02 | Two Years          |
| .  | .                  |
| .  | .                  |
| .  | .                  |
| 83 | Eighty-three years |
| 99 | Unknown            |

Blank Not Applicable

WEIGHT

V47 WEIGHT 91 - 97

V47 inflate the sample to the total enumerated population. It should be read with four implied places or divided by 10,000. See pages 2-3 of this documentation for more information on the weight variable.

APPENDIX C: CODES FOR EDUCATIONAL CLASSIFICATION (V24 and V25)

|           |  |
|-----------|--|
| 00        | Did not attend (for V24), or<br>No education (for V25) |
| 11        | Kindergarten   |
|           | Primary Level  |
| 21-27, 29 | General  |
| 21        | Primary 1  |
| 22        | Primary 2  |
| 23        | Primary 3  |
| 24        | Primary 4  |

|                        |   |
|------------------------|---|
| 25                     | Primary 5 or old M.1 (Primary/Grade 5 or old Matthayom 1) |
| 26                     | Pratom 6 or old M.2 (Primary/Garde 6 or old Matthayom 2)  |
| 27                     | Pratom 7 or old M.3 (Primary/Grade 7 or old Matthayom 3)  |
| 29                     | Unknown elementary grade                                  |
| 51-54                  | Vocational  |
| 51                     | Voc. junior 1st yr. (Old system)                          |
| 52                     | Voc. junior 2nd yr. (Old system)                          |
| 53                     | Voc. junior 3rd yr. (Old system)                          |
| 54                     | Voc. junior certificate, year not known                   |
|                        | Secondary Level   |
| 31-35, 39              | General   |
| 31                     | MS 1 or old M4 (Matthayom Suksa 1 or old Matthayom 4)     |
| 32                     | MS 2 or old M5 (Matthayom Suksa 2 or old Matthayom 5)     |
| 33                     | MS 3 or old M6 (Matthayom Suksa 3 or old Matthayom 6)     |
| 34                     | MS 4 or old M7 or (Matthayom Suksa 4 or old Matthayom 7)  |
| Military Prep. 1st yr. |   |
| 35                     | MS 5 or old M8 or (Matthayom Suksa 5 or old Matthayom 8)  |
| Military Prep. 2nd yr. |   |
| 39                     | Unknown secondary grade                                   |

|                    |   |
|--------------------|---|
| 55-62              | Vocational  |
| 55                 | Voc. senior 1st yr.   |
| 56                 | Voc. senior 2nd yr.   |
| 57                 | Voc. senior 3rd yr.   |
| 58                 | Voc. senior certificate, year not known                               |
| 59<br>Certificate) | Higher voc. 1st yr. or = Midwife Certificate (Asst. Nurse             |
| 60                 | Higher voc. 2nd yr, Nurse 1st yr.                                     |
| 61                 | Higher voc. 3rd yr. MS 6  |
| 62                 | Higher voc. cert or equivalent year not known                         |
| 71-74, 79          | Teacher training  |
| 71                 | Changwat Education Certificate  |
| 72                 | Lower Education Certificate   |
| 73                 | Educational or Educational (external) 1st yr.                         |
| 74                 | Educational or Educational (external) 2nd yr.                         |
| 79<br>not known    | Certificate in Education or Certificate in Education (external), year |

University Level:

|       |   |
|-------|---|
| 41-49 | General   |
| 41    | University, Military, Naval, Air Force academy, 1st yr. |

|                            |  |
|----------------------------|--|
| 42                         | University, Military, Naval, Air Force academy, 2nd yr.  |
| 43                         | University, Military, Naval, Air Force academy, 3rd yr.  |
| 44                         | University, Military, Naval, Air Force academy, 4th yr.  |
| 45                         | University, Military, Naval, Air Force academy, 5th, 6th yr.   |
| 46                         | Bachelor degree  |
| 47                         | Master degree  |
| 48                         | Ph.D   |
| 49                         | University year not known  |
| 63-66, 69                  | Vocational   |
| 63                         | Nurse 2nd year Voc. technical diploma 1st year   |
| 64<br>Maw Raw, 2nd year    | Nurse 3rd, 3 1/2 yr. or nurse diploma Voc. technical diploma Paw                                     |
| 65<br>2nd, 3rd year        | Degree in nursing Paw Maw, Paw Maw Saw, Educational (Voc.),  |
| 66<br>2nd, 3rd year        | Degree in nursing Paw Maw, Paw Maw Saw, Educational (Voc.),  |
| 69<br>year not known       | Paw Maw, Paw Maw Saw, Diploma in Education (Voc.), or Nurse,   |
| 81-84, 89                  | Teacher training   |
| 81<br>(Educatin) Librarian | Bachelor Education or Diploma in Education 1st year, Paw Paw<br>(Educatin), Kindergarten (Education) |
| 82                         | Bachelor Education or Diploma in Education 2nd year  |

83 Bachelor Education or Diploma in Education 3rd year, or Diploma in Education, Paw Maw, Paw Maw (external)

84 Bachelor Education or Diploma in Education 4th year

89 Bachelor Education or Diploma in Education year not known

90 Others

90 Others

99 Unknown

99 Unknown

u  
zwtojg  
|wtolg  
}xupmhe  
}xurmje  
{uoic]WQ  
{rlc]TNE  
{uoic]WQ  
seWI;-  
seWI;-  
seWI;-  
seWI;-  
seWI;-  
seWI;-  
seWI;-  
seWI;-  
seWI;-  
seWI;-  
seWI;-  
wi[M?1#  
~pbTF8\*  
seWI;-  
seWI;-

sbTF8\*  
xfXJ<.  
~pbTB4  
~p\_N@/  
~pbTF8\*  
seWI;-  
{m}J8\*  
{m\_QC5  
seWF8\*  
seWI;-  
seWI;-  
seWI;-  
~pbTF8\*  
seTF8\*  
seWI;-  
sbTF8\*  
}oaPB4  
seWI;-  
wi[M;-  
ygVH7&  
zl^PB4  
}oaSE7)  
seWI;-  
vhWI;-  
seWI;-  
}oaSA3  
{m\_Q@2  
}oaOA3  
rdVH:.  
wi[M?1  
wi[M?1  
yk]K=/  
tfXJ<\*  
~pbTF4  
zl^P>0  
vhZL>0  
~p\_QC5  
~p\_QC5  
sbTF8\*  
seWF8\*  
~m\_Q@/  
vhZL>0  
seWI;-  
seWI;-  
seWI;-  
seWI;-

~pbTF5  
{m\_QC5  
}oaSE4&  
~pbTF8  
wfXJ<+  
õÿÿÿÿÿÿÿ  
õÿÿÿÿÿÿÿ  
ç? k? }? FGHIJ©

-  
Ï? 7? }? ²? »? y? (? ^? «? -? ±? S? 3? C? }? KLMNOPQRSTUVWXYZ[

C? ? ?  
KLMNOPQRSTUVWXYZ[

? ? ? r ?