1970 POPULATION CENSUS OF THAILAND . 02 SAMPLE - MASTER FILE DATA DOCUMENTATION AND CODEBOOK

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IX. Appendix C: E. Kohkongka and A. Wanglee "Thailand: The 1970 Population and Housing Census." Pp. 122-195 in "Introduction to Census of Asia and the Pacific 1970-1974. Lee-Jay Cho (Ed.) East-West Population Institute, East-West Center, Honolulu, Hawaii.

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"DESCRIPTION OF THE DATA FILE, .O2 SAMPLE OF 1970
OPULATION OF THAILAND
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"Introduction"

This document describes the .02 sample of the 1970 population of Thailand. The unit of enumeration for the 1970 census was the household. The population was enumerated on the "de jure ban's (except for students who were counted on a "de facto ban's).

Information on household and population characteristics were collected using Enumeration Form 2 (see Appendix A). Population characteristics were obtained for persons in every household while household characteristics were collected for every household in municipal areas but only for 25 percent of households in villages (see Appendix $C$ for details on the sampling and enumeration procedures used).
"File Structure and Contents
The contents of the data file are based on information collected using Enumeration Form 2. The data file consists of 772,251 unweighted records of individuals. Each record is 126 characters-long. The first nine variables provide data on the household and are repeated for every person enumerated in the household. Variables 10 to 54 describe characteristics of individuals. Variables 55 to 82 contain data on the housing unit, for example, type of living quarters and tenure of unit. The last variable on the record is the weight variable (V84 -- see below for a description of the weight variable).
"Weight Variable
The total enumerated population of Thailand in 1970 was about 34.2 million. As described above, the data file contains 772,251 unweighted records. The weight variable is used to inflate the sample to represent the total population. Applying the weight factor to the sample yields a total of 34,396,057 weighted records.

To use the weight factor in this data file, V84, the last variable in a record, should be divided by $100,000,000$. The mean weight has a value of 44.54 .

## "INDEX OF LOCATION VARIABLES

| Variable Number | Variable Name er | Length | Location | tion |
| :---: | :---: | :---: | :---: | :---: |
| Census Enumeration Form: to v9 are based on Part 1 of |  |  |  |  |
| V1 | Region | 1 | 1 | c) |
| V2 | Changwat (Province) | 2 | $2-3$ | c) |
| V3 | Amphoe (District) | 2 | $5-6$ | - |
| V4 | Tambon (Commune) | 2 | 7-8 | c) |
| V5 | Ed Number | 2 | $9-10$ |  |
| V6 | Split ED or Block | 1 | 11 | c) |
| V7 | Sanitary District | 1 | 12 |  |
| V8 | Household Number | 3 | $13-15$ |  |
| V9 | Type of Household | 1 | 16 |  |

Variable | Variable Name Length Location tion |
| :--- |
| Number |

"V10 to V50 are based on Part 2 of the Census Enumeration Form:

V10 Line Number of Person 4 - 20
V11 Relationship to Head of Household 1

Sex 1
Animal Year of Birth 1
Age 2
Residence Status 1
Religion 1
Citizenship 1
Place of Birth
Disability
Length of Residence
1

2
$33-34$
V22 Past Residence (Municipal/ non-municipal area) 1

Literacy 1
1
$239-40$
V26 Family with Single Head of Household 2

Primary Families
Type of Subfamily
Number of Subfamilies
us

| Variable | Variable Name | Length | Location | on |
| :---: | :---: | :---: | :---: | :---: |
| Number |  |  |  |  |


| V30 | Secondary Family | 1 | 47 |
| :--- | :--- | :--- | :--- |
| V31 | Number of Children Aged 1 | 1 | 48 |
| V32 | Number of Children Aged 2 | 1 | 49 |
| V33 | Number of Children Aged 3 | 1 | 50 |

c)
c)
c)
c)
C)
c)
c)
c)



| V83 | Card Count |
| :---: | :---: |
| V84 |  |
| Weight |  |
| Variable |  |
| Number |  |

c)
C)
for the selection of sample households in villages. ED
Number ranges from 01 to 99 (?)

|  | $\begin{aligned} & 8 \\ & 9 \\ & 0 \\ & 10 \\ & 11 \end{aligned}$ | Non-relative (in private household) Inmate of institution <br> Non-inmate in collective household Adopted Child Servant |
| :---: | :---: | :---: |
| V12 | SEX |  |
|  | $\begin{aligned} & 1 \\ & 2 \end{aligned}$ | Male <br> Female |
| V13 | ANIMAL YEAR OF | BIRTH |
|  | 0 | Cock |
|  | 1 | Monkey |
|  | 2 | Goat |
|  | 3 | Horse |
|  | 4 | Snake (small) |
|  | 5 | Snake (big) |
|  | 6 | Rabbit |
|  | 7 | Tiger |
|  | $8$ | Cow |
|  | 9 | Rat |
|  | X | Pig |
|  | Y | Dog |
| Number |  |  |
| V14 | AGE C) 25 |  |
|  | Actual age, in | complete years, is recorded. |
|  | 00-99 | Actual Age |
|  | 999 | Unknown |
| V15 | RESIDENCE STATUS |  |
|  | 1 | Permanent |
|  | 2 | Temporarily Away |
|  | 3 | Temporarily Visiting |
|  | 4 | Temporarily Abroad |
| V16 | RELIGION |  |
|  |  | Buddhist |
|  | 2 | Confucian |
|  | 3 | Islam (Muslim) |
|  | 4 | Christian |
|  | 5 | Hindu |
|  | 6 | Other |
|  | 7 | None |
|  | 9 | Unknown |
| V17 | CITIZENSHIP |  |
|  | 0 | Thai |
|  | 1 | Chinese |
|  | 2 | Malaysia, Singapore |
|  | 3 | Vietnam |




```
    Mears Old Only)
    (as of January 1, 1970)
        00 Did not Attend
        11 Kindergarten
        "Primary Level:
        21-27, 29 General
        51-54 Vocational
        "Secondary Level:
        31-35, 39 General
        55-62 Vocational
        71-74, 79 Teacher Training
        "University Level:
        41-49 General
        63-66, 69 Vocational
        81-84, 89 Teacher Training
        90 Other
        9 9 ~ U n k n o w n
        These codes represent the main categories. For a
        detailed list of educational codes, see Appendix C.
    V25 HIGHEST GRADE COMPLETED
        C) 40
    (as of January 1, 1970)
        00 Did not Attend
        1 1 ~ K i n d e r g a r t e n ~
        "Primary Level:
        21-27, 29 General
        51-54 Vocational
Variable
Number
"Secondary Level:
31-35, 39 General
55-62 Vocational
71-74, 79 Teacher Training
"University Level:
41-49 General
63-66, 69 Vocational
81-84, 89 Teacher Training
9 0 ~ O t h e r ~
9 9 ~ U n k n o w n
These code represent the main categories. For a
detailed list of educational codes, see Appendix C.
"Questions Asked of Persons }11\mathrm{ Years and Older
```

```
V26 FAMILY WITH SINGLE HEAD OF HOUSEHOLD c) 42
```


51-60ried Couple and Ever-married Children (without spouse)
61-71 Other
90 Married Couple and unrelated persons
99 Unknown
V27 refers to households where the head of the
household is part of a married couple.
V28 TYPE OF SUBFAMILY
$1 \quad$ Married Couple $\quad$ Married Couple and Single Children
$3 \quad$ Father and Single Children
4 Mother and Single Children
9 Unknown

SECONDARY FAMILY

| 1 | family of nonrelatives who are umarried |
| :--- | :--- |
| 2 | Or whose spouses are absent |
| 3 | Family of nonrelatives |
| 9 | Combination of Codes 1 and 2 |
| Unknown |  |


| 0 | None |
| :--- | :--- |
| 1 | One |
| $\cdot$ | - |
| $\cdot$ | . |
| $\dot{9}$ | Nine |

The actual number is coded. V31 to V42 are similarly coded.

V32 NUMBER OF CHILDREN AGED 2

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

V33 NUMBER OF CHILDREN AGED 3

V34 NUMBER OF CHILDREN AGED 4

V35 NUMBER OF CHILDREN AGED 5

V36 NUMBER OF CHILDREN AGED 6

V37 NUMBER OF CHILDREN AGED 7

V38 NUMBER OF CHILDREN AGED 8

V39 NUMBER OF CHILDREN AGED 9

V40 NUMBER OF CHILDREN AGED 0

V41 NUMBER OF CHILDREN AGE 0-4

V42 NUMBER OF CHILDREN AGED 5-9

V43 MARITAL STATUS
1 Never married
2 Currently married
3 Widowed
4 Divorced
5 Separated
6 Unknown If Ever married (?)
7 Priest
9 Unknown

V44 NUMBER OF CHILDREN BORN ALIVE C) 62
00 None

01 One
. .


| 7 | Priest, nun, prisoner, on welfare |
| :---: | :---: |
| 8 | Other |
| 9 | Unknown |
| V38 is applicable only for persons coded "YY" on V37 |  |
| (not working last week). |  |

```
    V48 PRINCIPAL OCCUPATION PAST YEAR C) }6
        Codes for V48 are similar to those used in V46.
    V49
    PRINCIPAL INDUSTRY PAST YEAR
    C) }7
    00-12 agriculture, Forestry, Hunting and Fishing
    13-15 ing and Quarying
    16-54 "Manufacturing:
        16-25ufacturing of food, beverages, and tobacco
        26-29tiles, Wearing Apparel, Textile goods and Leather
        30-32d and Wood Products, including furniture
        33-34er and Paper Products, Printing and Allied Industries
        35-39ber and Rubber Products, Chemicals, Petroleum and
Plastic Products
            40-43-metallic Mineral Products, except petroleum and coal
            44-51al and Metal products, Machinery and Equipment
            52-54er manufacturing Industries, N.E.C.
        55-56 struction, Repair and Demolition
        57-59 electricity, Water and Sanitary Services
        60-71 commerce:
            60-62lesale Trade
                6 3 ~ w h o l e s a l e ~ a n d ~ R e t a i l ~ T r a d e
            64-69ail Trade
            70-71ks and Other Financial Institutions, Insurance and Real
Estate
        72-80 transport, Storage and Communication
        81-96 vices
            9 7 ~ a c t i v i t i e s ~ N o t ~ A d e q u a t e l y ~ D e s c r i b e d ~ o r ~ U n k n o w n
        The above list refer to the major industrial
        categories. Detailed codes on industry are not
        available at present.
Variable Variable Description and Codes Column
Number
V50 WORK STATUS IN PRINCIPAL OCCUPATION PAST YEAR
    1 Employer
    2 Self-Employed or Own Account Worker
    3 Government Employee
    4 Private Employee
    5 Unpaid Family Worker
    9 Unknown
Variable Variable Description and Codes Column
Number
V51 HOUSING CARD NUMBER
V52 RECODED AGE c) }7
    The recoded variable is based on year of birth and age
    (in years) for the head of household.
```

RECODED OCCUPATION LAST WEEK
c) 70

V53 is based on occupational information for the head of household.

RECODED PRINCIPAL OCCUPATION
C) 82

As for V52 and V53, the recoded principal occupation variable is based on information collected for the head of household.

V55 TYPE OF LIVING QUARTERS
1 Detached House
2 Row House
3 Apartment
4 Room
5 Mobile (end interview)
6 Other (end interview)

V56 COMMERICAL USE
1 Yes
2 No

V57 CONSTRUCTION MATERIALS
1 Cement or Brick
2 Wood, Cement, or brick (mixed)
3 Wood
4 Local Materials
5 Old used materials
Variable Variable Description and Codes Column

V58 TENURE OF UNIT
1 Owner
2 Buy on Installment
3 Rent
4 Payment in Kind for Service
5 Free

V59 RENT PER MONTH
(?)

V60 OWNERSHIP OF LAND

| 1 | Owner |  |
| :--- | :--- | :--- |
| 2 | Installment | Buying |
| 3 | Rented from government |  |
| 4 | Other |  |
| 5 | Rent-free |  |




| Variable <br> Number | Variable Description and Codes Column |
| :---: | :---: |
| V78 | OWNERSHIP OF WATER PUMP (For agricultural Use) |
|  | $\begin{array}{ll} 1 & \text { Yes } \\ 2 & \text { No } \end{array}$ |
| V79 | OWNERSHIP OF PLOYHING MACHING (or Tractor) |
|  | $\begin{array}{ll} 1 & \text { Yes } \\ 2 & \text { No } \end{array}$ |
| V80 | NUMBER OF COWS |
|  | The actual number is recorded |
| V81 | NUMBER OF BUFFALO |
|  | The actual number is recorded |
| V82 | NUMBER OF PIGS - 111 |
|  | The actual number is recorded. |
| V83 | CARD COUNT - 115 |
| V84 | WEIGHT - 126 |
|  | "Appendix B: Codes for Educational Classification |
| 00 | not attend (for attended), or No education (for completed) |
| 11 | Kindergarten |
|  | "Primary Level |
| 21-27, 29 | General |
| 21 | Pratom 1 |
| 22 | Pratom 2 |
| 23 | Pratom 3 |
| 24 | Pratom 4 |
| 25 | Pratom 5 or old M.1 |
| 26 | Pratom 6 or old M. 2 |
| 27 | Pratom 7 or old M. 3 |
| 29 | Unknown elementary grade |
| 51-54 | Vocational |
| 51 | Voc. junior 1st yr. (Old system) |
| 52 | Voc. junior 2 nd yr. (Old system) |
| 53 | Voc. junior 3rd yr. (Old system) |
| 54 | Voc. junior cert. year not known |


"Others
"Unknown Unknown

