

**Thailand**

**National Statistical Office**

# **Household Socio-Economic Survey 1990**

## **Study Documentation**

May 18, 2011

# Metadata Production

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<b>Identification</b>	DDI_THA_1990_SES_v02_M

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## Thailand (1990-1991)

### Household Socio-Economic Survey 1990 (SES 1990)

Overview	
Type	Socio-Economic/Monitoring Survey [hh/sems]
Identification	THA_1990_SES_v01_M
Version	Version 2 (May 2011). In this version, the datasets r3, r4, r6 to r10 were restructured from wide to long formats.
Series	The National Statistical Office (NSO) first conducted the Household Expenditure Survey in 1957. Comparable survey known as "The Socio-Economic Survey was carried out in 1968-1969 and was repeated every five years. In 1986, due to the rapid economic expansion and the importance of the survey in order to set the anti-poverty policy, the Ministerial Cabinet had passed an approval on September 8, 1987 for the NSO to carry out the survey for every two years. The survey actually took place in 1988 and the 1990 survey is the tenth survey of this kind.
<b>Abstract</b> The survey provides information relevant in setting up the anti-poverty policy of the country. Its primary objective is to collect information on household income and consumption expenditures, changes in assets and liabilities, housing characteristics as well as the ownership of some durable goods.	
Kind of Data	Sample survey data [ssd]
Unit of Analysis	Household, Individual

### Scope & Coverage

#### **Scope**

The scope of the 1990 SES includes:

HOUSEHOLD: household composition, income of household members, housing facilities, saving and debts, and expenditures for goods and services

#### **Geographic Coverage**

National

#### **Geographic Unit**

Blocks/ Villages

#### **Universe**

The survey covered all private, non-institutional households residing permanently in municipal areas, sanitary districts and villages. Excluded from the survey are population living in transient hotels and rooming houses, boarding schools, military barracks, wats, hospitals, prisons and other such institutions, as well as households of foreign diplomats and other temporary residents.

### Producers & Sponsors

Primary Investigator(s)	National Statistical Office
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### Sampling

#### **Sampling Procedure**

A stratified two-stage sampling was adopted for the survey. Greater Bangkok Metropolitan Area and region were constituted as strata. The primary and secondary sampling units were blocks for municipal areas and villages for non-municipal areas and private households, respectively.

#### Stratification

Groups of provinces in each region and Greater Bangkok Metropolitan Area (Bangkok Metropolis, Nonthaburi province, Pathum Thani province and Samut Prakan province) constitute strata. There were altogether 5 strata i.e., Greater Bangkok Metropolitan Area, Central (excluding Greater Bangkok Metropolitan Area), North, North-East and South.

#### Selection of the Primary Sampling Unit

Each stratum was divided into three parts according to the type of local administration, namely, municipal areas, sanitary districts and non-municipal areas outside sanitary districts. The sample selection of blocks and villages were performed separately and independently in each part by using probability proportional to the total number of households.

#### Selection of Secondary Sampling Unit

Private households are our ultimate sampling units. A new listing households was made for every sample block and village to serve as the sampling frame. A systematic sample of 15 private households were selected from each of sample blocks, while 9 and 7 private households were selected from each of sample villages in sanitary districts and non-municipal areas outside sanitary districts, respectively.

The total number of sample private households selected for the enumeration is 15,920.

#### **Weighting**

Sample weights for the household data were computed as the inverse of the probability of selection of the household. The weight variable for households is a32, found in the data file r1 - Household characteristics, household head.

### **Data Collection**

<b>Data Collection Dates</b>	start 1990-02 end 1991-01
<b>Data Collection Mode</b>	Face-to-face [f2f]

#### **Data Collection Notes**

##### Collection Period

All sample households were divided into 12 equally representative sub-samples, and each sub-sample household group was interviewed within one month. All households residing in sample blocks and villages were listed one or two weeks before the scheduled interview periods in order to avoid too great a lapse of time between sample selection and interview.

##### Data Reference Period

During the first two weeks of the interview month, questions were asked about household composition, income of household members, housing facilities, saving and debts, and expenditures for goods and services as well. Various reference periods were used for collecting income and expenditure data. For all goods and services, data were obtained for the preceding month. In addition, for items usually purchased infrequently and also for sources of income, data were obtained for the past 12 months.

##### Limitations of the Data

It is generally thought that income and expenditure data are under-reported in household sample surveys, income to a greater degree than expenditures, and the extent of under-reporting varies for income from different sources. For example, wage and salary earnings are probably much more accurately reported than profits from business. Households are likely to forget to report some expenditures made during the reference period of the

survey and household members may be reluctant to report certain types of purchases, for example, alcoholic drinks, cigarettes and entertainment costs.

Non-money income was imputed by respondent. Own produced consumed by household and goods received free were valued at the local current retail prices. The rental value of owner-occupied home was the value that would have been received per month has the house been rented out to other households.

### **Questionnaires**

Two questionnaires were used:

- SES 2: for household composition, demographic and economic characteristics of household members; income and housing facilities
- SES 3: for household expenditures and 7-day food consumption

### **Data Collector(s)**

Permanent members of the Field Operatin Division working out of tne NSO prvincial branch offices , National Statistical Office

### **Supervision**

Field Organization

The collection of data was conducted under the direction of the NSO Field Operation Division. The interviewers, who were permanent members of the Field Operation Division working out of the NSO provincial branch offices, were sent out to interview the heads of the sample households or other household members.

Supervisors were expected to assist interviewers if problems occurred.

## **Data Processing & Appraisal**

### **Data Editing**

Stages at which data editing took place:

a) In the field:

- Each completed interview was subjected to a thorough field edit, followed by a follow-up interview if the information was found to be incomplete or internally inconsistent.
- When the household balance sheet which compared total money "disbursements" with total money "receipts" for the preceding month was more than 15 per cent out of balance, a revisit to the household was expected to reconcile the difference.
- Members of the Central Office Staff conducted periodic visits to the field to review questionable reports and clarify data collection procedures.

b) At the Central Office by subject matter staff of the Economic Statistics Division

c) At the Central Office by the Data processing Operations Division

d) During data entry

e) Prior to tabulations

Descriptive information was coded numerically for computer processing. All annual expenditure and income values were converted to a one-month base by dividing annual values by 12. For 7-day food consumption, values were multiplied by 4.3 which was the average number of weeks per month (52 weeks/12 months = 4.3 weeks/month). Income from farm or non-farm enterprises was calculated on the basis of total annual value of production less operating expenses. From this estimate, the value of products held or withdrawn for household consumption was subtracted to arrive at an estimate of money income.

Details on imputation and derivation for each expenditure group can be found in Socio-Economic Survey 1990 - Data Dictionary.pdf.

### **Other Processing**

Data processing involves two processes:

1. Editing and coding. Reviewed questionnaires were again reviewed by the Data Processing Operations Division for completeness and consistency in details. Descriptive information was coded numerically for computer processing. Conversions and estimations were also done at this stage.

2. Tabulation: All information to be tabulated was keyed to tape for computer processing. Before tabulations were prepared, all raw data were edited by computer for final review and correction to ensure that data were all clean for further tabulation. Tables reflect averages and percentage distributions.

### **Estimates of Sampling Error**

Formulas for coefficient of variations (CV) for totals and averages for characteristics (Y) of households is presented in Chapter 2 of the Report of the 1990 Household Socio-Economic Survey.

## **Accessibility**

<b>Access Authority</b>	National Statistical Office
<b>Contact(s)</b>	(National Statistical Office) , <a href="http://web.nso.go.th/">http://web.nso.go.th/</a>

### **Confidentiality**

Section 16 of The Statistics ACT B.E. 2550 (2007), 30 August, B.E. 2550 guarantees that "anyone performing duties in an agency or the National Statistics Office shall not use the personal information provided by the owner or given in the questionnaire for any purpose other than the statistical analysis or research."



# Files Description

Dataset contains 12 file(s)

r1 - Household Characteristics, Household Head	
# Cases	13186
# Variable(s)	44
File Structure	Type: relational Key(s): region (Region) , changwat (Changwat) , commun (Community) , block (Block) , quarter (Quarter) , hhno (Household number)
<b>Producer</b> The National Statistical Office, Kingdom of Thailand	

r2 - Household Member Characteristics	
# Cases	53007
# Variable(s)	29
File Structure	Type: relational Key(s): region (Region) , changwat (Changwat) , commun (Community) , block (Block) , quarter (Quarter) , hhno (Household number) , b01 (Member number)
<b>Producer</b> The National Statistical Office, Kingdom of Thailand	

r3 - Income from Other Sources	
# Cases	12484
# Variable(s)	11
File Structure	Type: relational Key(s): region (Region) , changwat (Changwat) , commun (Community) , block (Block) , quarter (Quarter) , hhno (Household number) , record (Record number) , subrec (Subrecord number) , cno (Income Group Number)
<b>Producer</b> National Statistical Office, Kingdom of Thailand	
<b>Notes</b> This dataset is a reshaped version of the original dataset which is in flat format. This version is in hierarchical format.	

r4 - Change of Assets and Liabilities	
# Cases	64528
# Variable(s)	11
File Structure	Type: relational Key(s): region (Region) , changwat (Changwat) , commun (Community) , block (Block) , quarter (Quarter) , hhno (Household number) , record (Record number) , subrec (Subrecord number) , dno (Item number)
<b>Producer</b>	

National Statistical Office, Kingdom of Thailand

**Notes**

This dataset is a reshaped version of the original dataset which is in flat format. This version is in hierarchical format.

**r5 - Housing Characteristics**

<b># Cases</b>	13186
<b># Variable(s)</b>	47
<b>File Structure</b>	Type: relational Key(s): region (Region) , changwat (Changwat) , commun (Community) , block (Block) , quarter (Quarter) , hhno (Household number) , record (Record number) , subrec (Subrecord number)
<b>Producer</b> The National Statistical Office, Kingdom of Thailand	

**r6 - Payment Transfers (Transferee)**

<b># Cases</b>	3908
<b># Variable(s)</b>	22
<b>File Structure</b>	Type: relational Key(s): region (Region) , changwat (Changwat) , commun (Community) , block (Block) , quarter (Quarter) , hhno (Household number) , record (Record number) , subrec (Subrecord number) , f01 (Transferor number)
<b>Producer</b> The National Statistical Office, Kingdom of Thailand	

**r7 - Payment Transfers (Transferor)**

<b># Cases</b>	2530
<b># Variable(s)</b>	22
<b>File Structure</b>	Type: relational Key(s): region (Region) , changwat (Changwat) , commun (Community) , block (Block) , quarter (Quarter) , hhno (Household number) , record (Record number) , subrec (Subrecord number) , g01 (Transferee number)
<b>Producer</b> The National Statistical Office, Kingdom of Thailand	

**r8 - Consumption of Goods and Services**

<b># Cases</b>	474849
<b># Variable(s)</b>	13
<b>File Structure</b>	Type: relational Key(s): region (Region) , changwat (Changwat) , commun (Community) , block (Block) , quarter (Quarter) , hhno (Household number) , record (Record number) , subrec (Subrecord number) , hno (Expenditure item number)
<b>Producer</b>	

National Statistical Office, Kingdom of Thailand

### **Notes**

This dataset is a reshaped version of the original dataset which is in flat format. This version is in hierarchical format.

## **r9 - 7-day Food Consumption**

<b># Cases</b>	457387
<b># Variable(s)</b>	13
<b>File Structure</b>	Type: relational Key(s): region (Region) , changwat (Changwat) , commun (Community) , block (Block) , quarter (Quarter) , hhno (Household number) , record (Record number) , subrec (Subrecord number) , ino (Food Item Number)

### **Producer**

National Statistical Office, Kingdom of Thailand

### **Notes**

This dataset is a reshaped version of the original dataset which is in flat format. This version is in hierarchical format.

## **r10 - Household Income**

<b># Cases</b>	95145
<b># Variable(s)</b>	11
<b>File Structure</b>	Type: relational Key(s): region (Region) , changwat (Changwat) , commun (Community) , block (Block) , quarter (Quarter) , hhno (Household number) , record (Record number) , subrec (Subrecord number) , jno (Item number)

### **Producer**

National Statistical Office, Kingdom of Thailand

### **Notes**

This dataset is a reshaped version of the original dataset which is in flat format. This version is in hierarchical format.

## **r11 - Energy Consumption**

<b># Cases</b>	43555
<b># Variable(s)</b>	12
<b>File Structure</b>	Type: relational Key(s): region (Region) , changwat (Changwat) , commun (Community) , block (Block) , quarter (Quarter) , hhno (Household number) , record (Record number) , subrec (Subrecord number) , kno (Energy Item number)

### **Producer**

National Statistical Office, Kingdom of Thailand

### **Notes**

This dataset is a reshaped version of the original dataset which is in flat format. This version is in hierarchical format.

<b>r12 - Summary Household Expenditures</b>	
<b># Cases</b>	354294
<b># Variable(s)</b>	11
<b>File Structure</b>	Type: relational Key(s): region (Region) , changwat (Changwat) , commun (Community) , block (Block) , quarter (Quarter) , hhno (Household number) , record (Record number) , subrec (Subrecord number) , lno (HH Expenditure Item number)
<b><u>File Content</u></b> Summary Household Expenditure - Values are imputed from Recodes 8 and 9 (r8 and r9).	
<b><u>Producer</u></b> National Statistical Office, Kingdom of Thailand	
<b><u>Notes</u></b> This dataset is a reshaped version of the original dataset which is in flat format. This version is in hierarchical format.	

# Variables List

Dataset contains 246 variable(s)

File r1 - Household Characteristics, Household Head							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">region</a>	Region	discrete	numeric-1.0	13186	0	-
2	<a href="#">changwat</a>	Changwat	discrete	numeric-2.0	13186	0	-
3	<a href="#">commun</a>	Community	discrete	numeric-1.0	13186	0	-
4	<a href="#">block</a>	Block	discrete	numeric-3.0	13186	0	-
5	<a href="#">quarter</a>	Quarter	discrete	numeric-1.0	13186	0	-
6	<a href="#">hhno</a>	Household number	discrete	numeric-2.0	13186	0	-
7	<a href="#">record</a>	Record number	discrete	numeric-1.0	13186	0	-
8	<a href="#">subrec</a>	Subrecord number	discrete	numeric-1.0	13186	0	-
9	<a href="#">a01</a>	Household size	continuous	numeric-2.0	13186	0	-
10	<a href="#">a02</a>	Children less than 5 years	continuous	numeric-1.0	13186	0	-
11	<a href="#">a03</a>	Children 5-10 years	continuous	numeric-1.0	13186	0	-
12	<a href="#">a04</a>	Type of household	discrete	numeric-1.0	13186	0	-
13	<a href="#">a05</a>	Tenure	discrete	numeric-1.0	13186	0	-
14	<a href="#">a06</a>	Socio-economic class	discrete	numeric-2.0	13186	0	-
15	<a href="#">a07</a>	Age household head	continuous	numeric-2.0	13186	0	-
16	<a href="#">a08</a>	Sex household head	discrete	numeric-1.0	13186	0	-
17	<a href="#">a09</a>	Education household head	discrete	numeric-2.0	13131	55	-
18	<a href="#">a10</a>	Occupation household head	discrete	numeric-3.0	12936	250	-
19	<a href="#">a11</a>	Recipients	continuous	numeric-1.0	13186	0	-
20	<a href="#">a12</a>	Earners	continuous	numeric-1.0	13186	0	-
21	<a href="#">a13</a>	Type of enterprise	discrete	numeric-2.0	13186	0	-
22	<a href="#">a14</a>	Number of sub-families	discrete	numeric-1.0	13186	0	-
23	<a href="#">a15</a>	Rice consumption kg	continuous	numeric-2.0	13186	0	-
24	<a href="#">a16</a>	Rice consumption baht	continuous	numeric-3.0	13186	0	-
25	<a href="#">a17</a>	Sticky rice consumption kg	continuous	numeric-2.0	13186	0	-
26	<a href="#">a18</a>	Sticky rice consumption baht	continuous	numeric-3.0	13186	0	-
27	<a href="#">a19</a>	Record control 01	discrete	numeric-1.0	13186	0	-
28	<a href="#">a20</a>	Record control 02	discrete	numeric-2.0	13186	0	-
29	<a href="#">a21</a>	Record control 03	discrete	numeric-1.0	13186	0	-
30	<a href="#">a22</a>	Record control 04	discrete	numeric-1.0	13186	0	-
31	<a href="#">a23</a>	Record control 05	discrete	numeric-1.0	13186	0	-
32	<a href="#">a24</a>	Record control 06	discrete	numeric-1.0	13186	0	-
33	<a href="#">a25</a>	Record control 07	discrete	numeric-1.0	13186	0	-
34	<a href="#">a26</a>	Record control 08	discrete	numeric-2.0	13186	0	-
35	<a href="#">a27</a>	Record control 09	discrete	numeric-1.0	13186	0	-

**File r1 - Household Characteristics, Household Head**

#	Name	Label	Type	Format	Valid	Invalid	Question
36	<a href="#">a28</a>	Record control 10	discrete	numeric-1.0	13186	0	-
37	<a href="#">a29</a>	Record control 11	discrete	numeric-1.0	13186	0	-
38	<a href="#">a30</a>	Number of households in Block/Village	continuous	numeric-3.0	13186	0	-
39	<a href="#">a31</a>	Number of sampled households	continuous	numeric-2.0	13186	0	-
40	<a href="#">a32</a>	Weight NSO 1/Phkij	continuous	numeric-19.12	13186	0	-
41	<a href="#">a33</a>	Monthly current income (bath)	continuous	numeric-6.0	13186	0	-
42	<a href="#">a34</a>	Monthly consumption expenditure	continuous	numeric-6.0	13186	0	-
43	<a href="#">a35</a>	Per capita current income	continuous	numeric-6.0	13186	0	-
44	<a href="#">a36</a>	Per capita current consumption	continuous	numeric-6.0	13186	0	-

**File r2 - Household Member Characteristics**

#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">region</a>	Region	discrete	numeric-1.0	53007	0	-
2	<a href="#">changwat</a>	Changwat	discrete	numeric-2.0	53007	0	-
3	<a href="#">commun</a>	Community	discrete	numeric-1.0	53007	0	-
4	<a href="#">block</a>	Block	discrete	numeric-3.0	53007	0	-
5	<a href="#">quarter</a>	Quarter	discrete	numeric-1.0	53007	0	-
6	<a href="#">hhno</a>	Household number	discrete	numeric-2.0	53007	0	-
7	<a href="#">record</a>	Record number	discrete	numeric-1.0	53007	0	-
8	<a href="#">subrec</a>	Subrecord number	discrete	numeric-2.0	53007	0	-
9	<a href="#">b01</a>	Member number	discrete	numeric-2.0	53007	0	-
10	<a href="#">b02</a>	Relationship to head	discrete	numeric-1.0	53007	0	-
11	<a href="#">b03</a>	Sex	discrete	numeric-1.0	53007	0	-
12	<a href="#">b04</a>	Age	continuous	numeric-2.0	53007	0	-
13	<a href="#">b05</a>	Marital status	discrete	numeric-1.0	53007	0	-
14	<a href="#">b06</a>	Attending school	discrete	numeric-1.0	52995	12	-
15	<a href="#">b07</a>	Educational attainment	discrete	numeric-2.0	52848	159	-
16	<a href="#">b08</a>	Occupation primary job	discrete	numeric-3.0	41318	11689	-
17	<a href="#">b09</a>	Work status primary job	discrete	numeric-1.0	42464	10543	-
18	<a href="#">b10</a>	Industry primary job	discrete	numeric-1.0	42466	10541	-
19	<a href="#">b11</a>	Occupation secondary job	discrete	numeric-3.0	9131	43876	-
20	<a href="#">b12</a>	Work status secondary job	discrete	numeric-1.0	42428	10579	-
21	<a href="#">b13</a>	Industry secondary job	discrete	numeric-1.0	42427	10580	-
22	<a href="#">b14</a>	Wages and salaries	continuous	numeric-6.0	14419	38588	-
23	<a href="#">b15</a>	Profit, non farm	continuous	numeric-6.0	4421	48586	-
24	<a href="#">b16</a>	Profit from farming	continuous	numeric-6.0	5465	47542	-

**File r2 - Household Member Characteristics**

#	Name	Label	Type	Format	Valid	Invalid	Question
25	<a href="#">b17</a>	Transfer payments	continuous	numeric-6.0	3381	49626	-
26	<a href="#">b18</a>	Property income	continuous	numeric-6.0	1406	51601	-
27	<a href="#">b19</a>	Other money receipts	continuous	numeric-6.0	1169	51838	-
28	<a href="#">b20</a>	Total monthly income	continuous	numeric-6.0	23635	29372	-
29	<a href="#">b21</a>	Check last member	discrete	numeric-1.0	53007	0	-

**File r3 - Income from Other Sources**

#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">region</a>	Region	discrete	numeric-1.0	12484	0	-
2	<a href="#">changwat</a>	Changwat	discrete	numeric-2.0	12484	0	-
3	<a href="#">commun</a>	Community	discrete	numeric-1.0	12484	0	-
4	<a href="#">block</a>	Block	discrete	numeric-3.0	12484	0	-
5	<a href="#">quarter</a>	Quarter	discrete	numeric-1.0	12484	0	-
6	<a href="#">hhno</a>	Household number	discrete	numeric-2.0	12484	0	-
7	<a href="#">record</a>	Record number	discrete	numeric-1.0	12484	0	-
8	<a href="#">subrec</a>	Subrecord number	discrete	numeric-1.0	12484	0	-
9	<a href="#">cno</a>	Income Group Number	discrete	numeric-1.0	12484	0	-
10	<a href="#">cc</a>	Income Group Code	discrete	numeric-2.0	12484	0	-
11	<a href="#">cv</a>	Income Group Value (Baht)	continuous	numeric-6.0	12484	0	-

**File r4 - Change of Assets and Liabilities**

#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">region</a>	Region	discrete	numeric-1.0	64528	0	-
2	<a href="#">changwat</a>	Changwat	discrete	numeric-2.0	64528	0	-
3	<a href="#">commun</a>	Community	discrete	numeric-1.0	64528	0	-
4	<a href="#">block</a>	Block	discrete	numeric-3.0	64528	0	-
5	<a href="#">quarter</a>	Quarter	discrete	numeric-1.0	64528	0	-
6	<a href="#">hhno</a>	Household number	discrete	numeric-2.0	64528	0	-
7	<a href="#">record</a>	Record number	discrete	numeric-1.0	64528	0	-
8	<a href="#">subrec</a>	Subrecord number	discrete	numeric-1.0	64528	0	-
9	<a href="#">dno</a>	Item number	discrete	numeric-2.0	64528	0	-
10	<a href="#">dc</a>	Assets, Liabilities and Debt	discrete	numeric-3.0	64528	0	-
11	<a href="#">dv</a>	Value (Baht)	continuous	numeric-7.0	64528	0	-

**File r5 - Housing Characteristics**

#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">region</a>	Region	discrete	numeric-1.0	13186	0	-

## File r5 - Housing Characteristics

#	Name	Label	Type	Format	Valid	Invalid	Question
2	<a href="#">changwat</a>	Changwat	discrete	numeric-2.0	13186	0	-
3	<a href="#">commun</a>	Community	discrete	numeric-1.0	13186	0	-
4	<a href="#">block</a>	Block	discrete	numeric-3.0	13186	0	-
5	<a href="#">quarter</a>	Quarter	discrete	numeric-1.0	13186	0	-
6	<a href="#">hhno</a>	Household number	discrete	numeric-2.0	13186	0	-
7	<a href="#">record</a>	Record number	discrete	numeric-1.0	13186	0	-
8	<a href="#">subrec</a>	Subrecord number	discrete	numeric-1.0	13186	0	-
9	<a href="#">e01</a>	Type of dwelling	discrete	numeric-1.0	13186	0	-
10	<a href="#">e02</a>	Water supply for use	discrete	numeric-1.0	13186	0	-
11	<a href="#">e03</a>	Drinking water	discrete	numeric-1.0	13186	0	-
12	<a href="#">e04</a>	Toilet facilities	discrete	numeric-1.0	13186	0	-
13	<a href="#">e05</a>	Cooking fuel	discrete	numeric-1.0	13186	0	-
14	<a href="#">e06</a>	Number of rooms	discrete	numeric-1.0	13186	0	-
15	<a href="#">e07</a>	Sleeping rooms	discrete	numeric-1.0	13186	0	-
16	<a href="#">e08</a>	Electricity in dwellings	discrete	numeric-1.0	13186	0	-
17	<a href="#">e09</a>	Telephone in structure	discrete	numeric-1.0	13186	0	-
18	<a href="#">e10</a>	Construction material	discrete	numeric-1.0	13186	0	-
19	<a href="#">e11</a>	Tenure	discrete	numeric-1.0	13186	0	-
20	<a href="#">e12</a>	Who pays for rent	discrete	numeric-1.0	3449	9737	-
21	<a href="#">e13</a>	Monthly rent or rental value by hh and hh business (baht)	continuous	numeric-5.0	13186	0	-
22	<a href="#">e14</a>	Monthly rent or rental value excluding area by hh business (baht)	continuous	numeric-5.0	13186	0	-
23	<a href="#">e15</a>	Advanced payment on rent (baht/year)	continuous	numeric-6.0	120	13066	-
24	<a href="#">e16</a>	Mobility	discrete	numeric-1.0	13186	0	-
25	<a href="#">e17</a>	Living room sofa	discrete	numeric-1.0	3241	9945	-
26	<a href="#">e18</a>	Beds (wood or metal)	discrete	numeric-1.0	5644	7542	-
27	<a href="#">e19</a>	Cook stove-gas	discrete	numeric-1.0	5840	7346	-
28	<a href="#">e20</a>	Cook stove-electric	discrete	numeric-1.0	1411	11775	-
29	<a href="#">e21</a>	Refrigerators	discrete	numeric-1.0	5785	7401	-
30	<a href="#">e22</a>	Electric irons	discrete	numeric-1.0	7854	5332	-
31	<a href="#">e23</a>	Cooking pots, electric	discrete	numeric-1.0	8316	4870	-
32	<a href="#">e24</a>	Electric fans	discrete	numeric-1.0	10030	3156	-
33	<a href="#">e25</a>	Radios	discrete	numeric-1.0	10087	3099	-
34	<a href="#">e26</a>	TVs B&W	discrete	numeric-1.0	3101	10085	-
35	<a href="#">e27</a>	TVs Color	discrete	numeric-1.0	6293	6893	-
36	<a href="#">e28</a>	Water boilers	discrete	numeric-1.0	621	12565	-
37	<a href="#">e29</a>	Bicycles	discrete	numeric-1.0	6311	6875	-



**File r5 - Housing Characteristics**

#	Name	Label	Type	Format	Valid	Invalid	Question
38	<a href="#">e30</a>	Motorcycle	discrete	numeric-1.0	5027	8159	-
39	<a href="#">e31</a>	Videos	discrete	numeric-1.0	1614	11572	-
40	<a href="#">e32</a>	Washing machines	discrete	numeric-1.0	990	12196	-
41	<a href="#">e33</a>	Air conditioners	discrete	numeric-1.0	576	12610	-
42	<a href="#">e34</a>	Automobile	discrete	numeric-1.0	792	12394	-
43	<a href="#">e35</a>	Pick up van (mini truck)	discrete	numeric-1.0	826	12360	-
44	<a href="#">e36</a>	Other mini truck	discrete	numeric-1.0	388	12798	-
45	<a href="#">e37</a>	Motor boat	discrete	numeric-1.0	112	13074	-
46	<a href="#">e38</a>	Sewing machine	discrete	numeric-1.0	2058	11128	-
47	<a href="#">e39</a>	Building used for business	discrete	numeric-1.0	13186	0	-

**File r6 - Payment Transfers (Transferee)**

#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">region</a>	Region	discrete	numeric-1.0	3908	0	-
2	<a href="#">changwat</a>	Changwat	discrete	numeric-2.0	3908	0	-
3	<a href="#">commun</a>	Community	discrete	numeric-1.0	3908	0	-
4	<a href="#">block</a>	Block	discrete	numeric-3.0	3908	0	-
5	<a href="#">quarter</a>	Quarter	discrete	numeric-1.0	3908	0	-
6	<a href="#">hhno</a>	Household number	discrete	numeric-2.0	3908	0	-
7	<a href="#">record</a>	Record number	discrete	numeric-1.0	3908	0	-
8	<a href="#">subrec</a>	Subrecord number	discrete	numeric-1.0	3908	0	-
9	<a href="#">f01</a>	Transferor number	discrete	numeric-1.0	3908	0	-
10	<a href="#">f02</a>	Industrial sector of transferee	discrete	numeric-1.0	3907	1	-
11	<a href="#">f03</a>	Relationship to transferee	discrete	numeric-1.0	3907	1	-
12	<a href="#">f04</a>	Occupation of transferor	discrete	numeric-3.0	3794	114	-
13	<a href="#">f05</a>	Industrial sector of transferor	discrete	numeric-1.0	3828	80	-
14	<a href="#">f06a</a>	Address of transferor Changwat	discrete	numeric-2.0	3392	516	-
15	<a href="#">f06b</a>	Address of transferor Community	discrete	numeric-1.0	3908	0	-
16	<a href="#">f07</a>	Value of transfer payment last year: cash value	continuous	numeric-7.0	3813	95	-
17	<a href="#">f08</a>	Value of transfer payment last year: goods value	continuous	numeric-7.0	569	3339	-
18	<a href="#">f09</a>	Value of transfer payment last month: cash value	continuous	numeric-7.0	2716	1192	-
19	<a href="#">f10</a>	Value of transfer payment last month: goods value	continuous	numeric-7.0	295	3613	-
20	<a href="#">f11</a>	Purpose of Transfer	discrete	numeric-1.0	3897	11	-
21	<a href="#">f12</a>	Method of delivery	discrete	numeric-1.0	3877	31	-

**File r6 - Payment Transfers (Transferee)**

#	Name	Label	Type	Format	Valid	Invalid	Question
22	<a href="#">f13</a>	Check last member	discrete	numeric-1.0	3908	0	-

**File r7 - Payment Transfers (Transferor)**

#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">region</a>	Region	discrete	numeric-1.0	2530	0	-
2	<a href="#">changwat</a>	Changwat	discrete	numeric-2.0	2530	0	-
3	<a href="#">commun</a>	Community	discrete	numeric-1.0	2530	0	-
4	<a href="#">block</a>	Block	discrete	numeric-3.0	2530	0	-
5	<a href="#">quarter</a>	Quarter	discrete	numeric-1.0	2530	0	-
6	<a href="#">hhno</a>	Household number	discrete	numeric-2.0	2530	0	-
7	<a href="#">record</a>	Record number	discrete	numeric-1.0	2530	0	-
8	<a href="#">subrec</a>	Subrecord number	discrete	numeric-1.0	2530	0	-
9	<a href="#">g01</a>	Transferee number	discrete	numeric-1.0	2530	0	-
10	<a href="#">g02</a>	Industrial sector of transferor	discrete	numeric-1.0	2530	0	-
11	<a href="#">g03</a>	Relationship to transferor	discrete	numeric-1.0	2529	1	-
12	<a href="#">g04</a>	Occupation of transferee	discrete	numeric-3.0	2000	530	-
13	<a href="#">g05</a>	Industrial sector of transferee	discrete	numeric-1.0	2523	7	-
14	<a href="#">g06a</a>	Address of transferee Changwat	discrete	numeric-2.0	2235	295	-
15	<a href="#">g06b</a>	Address of transferee Community	discrete	numeric-1.0	2530	0	-
16	<a href="#">g07</a>	Value of transfer payment last year: cash value	continuous	numeric-7.0	2495	35	-
17	<a href="#">g08</a>	Value of transfer payment last year: goods value	continuous	numeric-7.0	229	2301	-
18	<a href="#">g09</a>	Value of transfer payment last month: cash value	continuous	numeric-7.0	1812	718	-
19	<a href="#">g10</a>	Value of transfer payment last month: goods value	continuous	numeric-7.0	127	2403	-
20	<a href="#">g11</a>	Purpose of Transfer	discrete	numeric-1.0	2525	5	-
21	<a href="#">g12</a>	Method of delivery	discrete	numeric-1.0	2523	7	-
22	<a href="#">g13</a>	Check last member	discrete	numeric-1.0	2530	0	-

**File r8 - Consumption of Goods and Services**

#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">region</a>	Region	discrete	numeric-1.0	474849	0	-
2	<a href="#">changwat</a>	Changwat	discrete	numeric-2.0	474849	0	-
3	<a href="#">commun</a>	Community	discrete	numeric-1.0	474849	0	-
4	<a href="#">block</a>	Block	discrete	numeric-3.0	474849	0	-
5	<a href="#">quarter</a>	Quarter	discrete	numeric-1.0	474849	0	-

**File r8 - Consumption of Goods and Services**

#	Name	Label	Type	Format	Valid	Invalid	Question
6	<a href="#">hhno</a>	Household number	discrete	numeric-2.0	474849	0	-
7	<a href="#">record</a>	Record number	discrete	numeric-1.0	474849	0	-
8	<a href="#">subrec</a>	Subrecord number	discrete	numeric-2.0	474849	0	-
9	<a href="#">hno</a>	Expenditure item number	discrete	numeric-1.0	474849	0	-
10	<a href="#">hg</a>	HH Expenditure Group	discrete	numeric-3.0	474849	0	-
11	<a href="#">hi</a>	HH Expenditure Item, 5-digit	discrete	numeric-5.0	474849	0	-
12	<a href="#">hs</a>	HH Expenditure Source	discrete	numeric-1.0	474836	13	-
13	<a href="#">hv</a>	HH Expenditure Value (Baht)	continuous	numeric-6.0	474849	0	-

**File r9 - 7-day Food Consumption**

#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">region</a>	Region	discrete	numeric-1.0	457387	0	-
2	<a href="#">changwat</a>	Changwat	discrete	numeric-2.0	457387	0	-
3	<a href="#">commun</a>	Community	discrete	numeric-1.0	457387	0	-
4	<a href="#">block</a>	Block	discrete	numeric-3.0	457387	0	-
5	<a href="#">quarter</a>	Quarter	discrete	numeric-1.0	457387	0	-
6	<a href="#">hhno</a>	Household number	discrete	numeric-2.0	457387	0	-
7	<a href="#">record</a>	Record number	discrete	numeric-1.0	457387	0	-
8	<a href="#">subrec</a>	Subrecord number	discrete	numeric-1.0	457387	0	-
9	<a href="#">ino</a>	Food Item Number	discrete	numeric-2.0	457387	0	-
10	<a href="#">ig</a>	Day Food Expenditure Group	discrete	numeric-2.0	457387	0	-
11	<a href="#">ii</a>	Food Item	discrete	numeric-4.0	457387	0	-
12	<a href="#">is</a>	Source	discrete	numeric-1.0	457341	46	-
13	<a href="#">iv</a>	Value (Baht)	continuous	numeric-4.0	457387	0	-

**File r10 - Household Income**

#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">region</a>	Region	discrete	numeric-1.0	95145	0	-
2	<a href="#">changwat</a>	Changwat	discrete	numeric-2.0	95145	0	-
3	<a href="#">commun</a>	Community	discrete	numeric-1.0	95145	0	-
4	<a href="#">block</a>	Block	discrete	numeric-3.0	95145	0	-
5	<a href="#">quarter</a>	Quarter	discrete	numeric-1.0	95145	0	-
6	<a href="#">hhno</a>	Household number	discrete	numeric-2.0	95145	0	-
7	<a href="#">record</a>	Record number	discrete	numeric-2.0	95145	0	-
8	<a href="#">subrec</a>	Subrecord number	discrete	numeric-1.0	95145	0	-
9	<a href="#">jno</a>	Item number	discrete	numeric-2.0	95145	0	-
10	<a href="#">jc</a>	Household Income Group	discrete	numeric-3.0	95145	0	-

**File r10 - Household Income**

#	Name	Label	Type	Format	Valid	Invalid	Question
11	<a href="#">jv</a>	Household Income Value (Baht)	continuous	numeric-6.0	95145	0	-

**File r11 - Energy Consumption**

#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">region</a>	Region	discrete	numeric-1.0	43555	0	-
2	<a href="#">changwat</a>	Changwat	discrete	numeric-2.0	43555	0	-
3	<a href="#">commun</a>	Community	discrete	numeric-1.0	43555	0	-
4	<a href="#">block</a>	Block	discrete	numeric-3.0	43555	0	-
5	<a href="#">quarter</a>	Quarter	discrete	numeric-1.0	43555	0	-
6	<a href="#">hhno</a>	Household number	discrete	numeric-2.0	43555	0	-
7	<a href="#">record</a>	Record number	discrete	numeric-2.0	43555	0	-
8	<a href="#">subrec</a>	Subrecord number	discrete	numeric-1.0	43555	0	-
9	<a href="#">kno</a>	Energy Item number	discrete	numeric-1.0	43555	0	-
10	<a href="#">kc</a>	Energy Consumption Code	discrete	numeric-2.0	43555	0	-
11	<a href="#">kq</a>	Energy Consumption Quantity	continuous	numeric-7.1	43553	2	-
12	<a href="#">kv</a>	Energy Consumption Value (Baht)	continuous	numeric-5.0	43555	0	-

**File r12 - Summary Household Expenditures**

#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">region</a>	Region	discrete	numeric-1.0	354294	0	-
2	<a href="#">changwat</a>	Changwat	discrete	numeric-2.0	354294	0	-
3	<a href="#">commun</a>	Community	discrete	numeric-1.0	354294	0	-
4	<a href="#">block</a>	Block	discrete	numeric-3.0	354294	0	-
5	<a href="#">quarter</a>	Quarter	discrete	numeric-1.0	354294	0	-
6	<a href="#">hhno</a>	Household number	discrete	numeric-2.0	354294	0	-
7	<a href="#">record</a>	Record number	discrete	numeric-2.0	354294	0	-
8	<a href="#">subrec</a>	Subrecord number	discrete	numeric-1.0	354294	0	-
9	<a href="#">lno</a>	HH Expenditure Item number	discrete	numeric-2.0	354294	0	-
10	<a href="#">lc</a>	Summary HH Expenditure Code	discrete	numeric-3.0	354294	0	-
11	<a href="#">lv</a>	Summary HH Expenditure Value (Baht)	continuous	numeric-6.0	354294	0	-

# Variables Description

Dataset contains 246 variable(s)

## File r1 - Household Characteristics, Household Head

### #1 region: Region

**Information** [Type= discrete] [Format=numeric] [Range= 1-6] [Missing=\*]

**Statistics [NW/ W]** [Valid=13186 / 114621976.983 ] [Invalid=0 / 0 ]

Value	Label	Cases	Weighted	Percentage (Weighted)
1	North	2697	18688116.1	16.3%
2	Northeast	2915	45979382.0	40.1%
3	Central (Excl. 5 & 6)	2538	19147853.8	16.7%
4	South	2081	8611033.7	7.5%
5	Bangkok Metropolis	2565	21694607.0	18.9%
6	Nonthaburi, Pathum Thani and Samut Prakan	390	500984.3	0.4%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #2 changwat: Changwat

**Information** [Type= discrete] [Format=numeric] [Range= 1-99] [Missing=\* / 99]

**Statistics [NW/ W]** [Valid=13186 / -] [Invalid=0 / -]

### #3 comun: Community

**Information** [Type= discrete] [Format=numeric] [Range= 1-3] [Missing=\*]

**Statistics [NW/ W]** [Valid=13186 / -] [Invalid=0 / -]

Value	Label	Cases	Percentage
1	Municipal area	5074	38.5%
2	Sanitary district	2654	20.1%
3	Village	5458	41.4%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #4 block: Block

**Information** [Type= discrete] [Format=numeric] [Range= 1-248] [Missing=\*]

**Statistics [NW/ W]** [Valid=13186 / -] [Invalid=0 / -]

### #5 quarter: Quarter

**Information** [Type= discrete] [Format=numeric] [Range= 1-4] [Missing=\*]

**Statistics [NW/ W]** [Valid=13186 / -] [Invalid=0 / -]

Value	Label	Cases	Percentage
1	1st quarter	3394	25.7%
2	2nd quarter	3274	24.8%
3	3rd quarter	3276	24.8%
4	4th quarter	3242	24.6%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #6 hhno: Household number

**Information** [Type= discrete] [Format=numeric] [Range= 1-15] [Missing=\*]

**Statistics [NW/ W]** [Valid=13186 / -] [Invalid=0 / -]

**Definition** Private Household was defined as

## File r1 - Household Characteristics, Household Head

### #6 hhno: Household number

(1) a group of two or more persons who made common provision for food and other essentials of living. Members might pool their income and had a common budget to a greater or lesser extent. They might be related by blood, marriage or adoption, or unrelated. Unrelated boarders or lodgers; living with a household but not paying for living quarters and/or meals, and servants without their families; living with a household and receiving food, clothing and housing as part of wages or free, were counted as household members.

Unrelated boarders or lodgers with or without their families; living with a household but paying for living quarters and/or meals, were treated as separate households.

(2) Each member of a group of unrelated persons, not exceeding five persons, living together, sharing lodging and meals, were treated as one-person household.

(3) A person who made provision for his own food and other essentials of living without having common housekeeping or financial arrangement with other person, was treated as one-person household.

### #7 record: Record number

**Information** [Type= discrete] [Format=numeric] [Range= 1-1] [Missing=\*]

**Statistics [NW/ W]** [Valid=13186 /-] [Invalid=0 /-]

### #8 subrec: Subrecord number

**Information** [Type= discrete] [Format=numeric] [Range= 1-1] [Missing=\*]

**Statistics [NW/ W]** [Valid=13186 /-] [Invalid=0 /-]

### #9 a01: Household size

**Information** [Type= continuous] [Format=numeric] [Range= 1-20] [Missing=\*]

**Statistics [NW/ W]** [Valid=13186 / 114621976.983 ] [Invalid=0 / 0 ] [Mean=4.02 / 4.164 ] [StdDev=1.911 / 1.862 ]

### #10 a02: Children less than 5 years

**Information** [Type= continuous] [Format=numeric] [Range= 0-9] [Missing=\*]

**Statistics [NW/ W]** [Valid=13186 / 114621976.983 ] [Invalid=0 / 0 ] [Mean=0.323 / 0.342 ] [StdDev=0.575 / 0.578 ]

### #11 a03: Children 5-10 years

**Information** [Type= continuous] [Format=numeric] [Range= 0-9] [Missing=\*]

**Statistics [NW/ W]** [Valid=13186 / 114621976.983 ] [Invalid=0 / 0 ] [Mean=0.48 / 0.53 ] [StdDev=0.738 / 0.756 ]

### #12 a04: Type of household

**Information** [Type= discrete] [Format=numeric] [Range= 1-4] [Missing=\*]

**Statistics [NW/ W]** [Valid=13186 / 114621976.983 ] [Invalid=0 / 0 ]

Value	Label	Cases	Weighted	Percentage (Weighted)
1	One person only	1078	7561166.3	6.6%
2	Head and spouse present	9406	84016691.4	73.3%
3	One parent with unmarried children	965	8311857.0	7.3%
4	All others	1737	14732262.3	12.9%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #13 a05: Tenure

**Information** [Type= discrete] [Format=numeric] [Range= 1-4] [Missing=\*]

**Statistics [NW/ W]** [Valid=13186 / 114621976.983 ] [Invalid=0 / 0 ]

Value	Label	Cases	Weighted	Percentage (Weighted)
1	Owns house and land (included hire-purchased)	8859	89967314.8	78.5%

## File r1 - Household Characteristics, Household Head

### #13 a05: Tenure

Value	Label	Cases	Weighted	Percentage (Weighted)
2	Owens house and rents land	872	5298148.5	4.6%
3	Pays rent for house	1819	9313322.4	8.1%
4	Receives rent free	1636	10043191.3	8.8%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #14 a06: Socio-economic class

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-72] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=13186 / 114621976.983 ] [Invalid=0 / 0 ]
<b>Definition</b>	<p>The classification of household into socio-economic groups was based on the main source of livelihood, employment status, kind of economic activity and occupation. This classification divided households into 10 major classifications which were:</p> <ul style="list-style-type: none"> <li>(1) farm operators mainly owning land</li> <li>(2) farm operators mainly renting land</li> <li>(3) own-account workers on trade and industrial enterprises</li> <li>(4) own-account workers on professional, technical and administrative enterprises</li> <li>(5) professional, technical and administrative workers who worked for pay</li> <li>(6) farm workers</li> <li>(7) general workers</li> <li>(8) clerical, sales and service workers</li> <li>(9) production workers, and</li> <li>(10) economically inactive households</li> </ul> <p>In general, the household class was based on the principal source of livelihood and employment status of the chief income receiver, usually the household head. However, if the combined earnings of several members of the household represented the main source of livelihood, the classification was determined on the basis of the employment status of those members. For example, if a household operated a small farm but the earnings of the household members working off the farm as common labourers exceeded farm profits (including the value of home-produced and consumed products), the household was classified in the general worker group.</p>

Value	Label	Cases	Weighted	Percentage (Weighted)
1	Farm Operator Owning Land Primarily - Less than 2 rai	59	508586.8	0.4%
2	Farm Operator Owning Land Primarily - 2 to 4 rai	197	2125762.9	1.9%
3	Farm Operator Owning Land Primarily - 5 to 9 rai	492	6419677.8	5.6%
4	Farm Operator Owning Land Primarily - 10 to 19 rai	1014	15171539.9	13.2%
5	Farm Operator Owning Land Primarily - 20 to 39 rai	836	13377190.9	11.7%
6	Farm Operator Owning Land Primarily - 40 rai or more	391	5307885.7	4.6%
11	Farm Operator Renting Land Primarily - Less than 5 rai	47	316567.6	0.3%
12	Farm Operator Renting Land Primarily - 5 to 19 rai	219	2726321.9	2.4%
13	Farm Operator Renting Land Primarily - 20 rai or more	192	2535136.6	2.2%
19	Fishing, Forestry, etc.	113	788031.9	0.7%
21	Entrepreneurs, Trade and Industry - With Paid Workers	476	2420423.0	2.1%
22	Entrepreneurs, Trade and Industry - Without Paid Workers	1972	10876480.2	9.5%

## File r1 - Household Characteristics, Household Head

### #14 a06: Socio-economic class

Value	Label	Cases	Weighted	Percentage (Weighted)
31	Professional, Technical and Managerial Working on Own Account	10	84548.1	0.1%
32	Professional, Technical and Managerial Employed by Others	1022	5065260.0	4.4%
41	Labourers - Farm Workers	681	6696423.2	5.8%
42	Labourers - General Workers	494	4150629.0	3.6%
50	Other Employees - Clerical, Sales and Service Workers	2089	12812094.9	11.2%
60	Other Employees - Production and Construction Workers	1686	12574479.8	11.0%
71	Economically Inactive - Receiving Assistance or Pensions	1028	9367735.6	8.2%
72	Economically Inactive - Receiving Property Income	168	1297201.3	1.1%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #15 a07: Age household head

Information	[Type= continuous] [Format=numeric] [Range= 13-99] [Missing=*]
Statistics [NW/ W]	[Valid=13186 / 114621976.983 ] [Invalid=0 / 0 ] [Mean=45.845 / 46.303 ] [StdDev=14.99 / 14.837 ]
Definition	The head of the household was the person recognized as such by other members, whether he or she was responsible for financial support or welfare of the household members or not.

### #16 a08: Sex household head

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=13186 / 114621976.983 ] [Invalid=0 / 0 ]
Definition	The head of the household was the person recognized as such by other members, whether he or she was responsible for financial support or welfare of the household members or not.

Value	Label	Cases	Weighted	Percentage (Weighted)
1	Male	10268	91057194.3	79.4%
2	Female	2918	23564782.7	20.6%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #17 a09: Education household head

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*/99]
Statistics [NW/ W]	[Valid=13131 / 114231780.17 ] [Invalid=55 / 390196.813 ]
Definition	The head of the household was the person recognized as such by other members, whether he or she was responsible for financial support or welfare of the household members or not.

Frequency table not shown (34 Modalities)

### #18 a10: Occupation household head

Information	[Type= discrete] [Format=numeric] [Range= 22-999] [Missing=*/999]
Statistics [NW/ W]	[Valid=12936 / 112981343.344 ] [Invalid=250 / 1640633.639 ]
Definition	<p>Head of Household</p> <p>The head of the household was the person recognized as such by other members, whether he or she was responsible for financial support or welfare of the household members or not.</p> <p>Occupation</p> <p>Occupation was defined as the type of work performed by a person at his job. Generally, a person held only one job. During the last 52 weeks if the person had more than one job, the job at which he worked for the greater</p>



## File r1 - Household Characteristics, Household Head

### #18 a10: Occupation household head

number of weeks was recorded. If the number of weeks worked for each job were the same, the job which gave him the highest income was recorded.

*Frequency table not shown (281 Modalities)*

### #19 a11: Recipients

**Information** [Type= continuous] [Format=numeric] [Range= 1-9] [Missing=\*]

**Statistics [NW/ W]** [Valid=13186 / 114621976.983 ] [Invalid=0 / 0 ] [Mean=1.79 / 1.784 ] [StdDev=0.986 / 0.983 ]

**Definition**  
Earners and Income Receivers  
All economically active members of the household (self-employed, employees, and unpaid family workers) were counted as earners. Members who received money income from any sources (profits, wages and salaries, rents or transfer payments) were counted as income receivers. Profits from family enterprises employing unpaid family workers were assigned to the household head or to the operator of the enterprise if he or she could be identified. Family workers therefore were included as income receivers, and persons receiving only rental income or assistance payment were not counted as earners.

### #20 a12: Earners

**Information** [Type= continuous] [Format=numeric] [Range= 0-9] [Missing=\*]

**Statistics [NW/ W]** [Valid=13186 / 114621976.983 ] [Invalid=0 / 0 ] [Mean=2.235 / 2.466 ] [StdDev=1.285 / 1.352 ]

**Definition**  
Earners and Income Receivers  
All economically active members of the household (self-employed, employees, and unpaid family workers) were counted as earners. Members who received money income from any sources (profits, wages and salaries, rents or transfer payments) were counted as income receivers. Profits from family enterprises employing unpaid family workers were assigned to the household head or to the operator of the enterprise if he or she could be identified. Family workers therefore were included as income receivers, and persons receiving only rental income or assistance payment were not counted as earners.

### #21 a13: Type of enterprise

**Information** [Type= discrete] [Format=numeric] [Range= 11-99] [Missing=\*]

**Statistics [NW/ W]** [Valid=13186 / 114621976.983 ] [Invalid=0 / 0 ]

*Frequency table not shown (38 Modalities)*

### #22 a14: Number of sub-families

**Information** [Type= discrete] [Format=numeric] [Range= 0-5] [Missing=\*]

**Statistics [NW/ W]** [Valid=13186 / 114621976.983 ] [Invalid=0 / 0 ]

Value	Label	Cases	Weighted	Percentage (Weighted)
0		11026	93455326.6	81.5%
1		1975	19729538.6	17.2%
2		170	1325964.8	1.2%
3		15	111147.0	0.1%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #23 a15: Rice consumption kg

**Information** [Type= continuous] [Format=numeric] [Range= 0-99] [Missing=\*]

**Statistics [NW/ W]** [Valid=13186 / 114621976.983 ] [Invalid=0 / 0 ] [Mean=5.874 / 5.703 ] [StdDev=5.719 / 6.41 ]

### #24 a16: Rice consumption baht

**Information** [Type= continuous] [Format=numeric] [Range= 0-999] [Missing=\*]

**Statistics [NW/ W]** [Valid=13186 / 114621976.983 ] [Invalid=0 / 0 ] [Mean=52.33 / 47.95 ] [StdDev=49.801 / 52.047 ]

### #25 a17: Sticky rice consumption kg

**Information** [Type= continuous] [Format=numeric] [Range= 0-99] [Missing=\*]

## File r1 - Household Characteristics, Household Head

### #25 a17: Sticky rice consumption kg

<b>Statistics [NW/ W]</b>	[Valid=13186 / 114621976.983 ] [Invalid=0 / 0 ] [Mean=3.317 / 5.41 ] [StdDev=6.712 / 8.289 ]
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### #26 a18: Sticky rice consumption baht

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 0-999] [Missing=*]
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<b>Statistics [NW/ W]</b>	[Valid=13186 / 114621976.983 ] [Invalid=0 / 0 ] [Mean=21.016 / 33.765 ] [StdDev=41.97 / 51.494 ]
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### #27 a19: Record control 01

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-1] [Missing=*]
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<b>Statistics [NW/ W]</b>	[Valid=13186 /-] [Invalid=0 /-]
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### #28 a20: Record control 02

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-17] [Missing=*]
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<b>Statistics [NW/ W]</b>	[Valid=13186 /-] [Invalid=0 /-]
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### #29 a21: Record control 03

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]
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<b>Statistics [NW/ W]</b>	[Valid=13186 /-] [Invalid=0 /-]
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### #30 a22: Record control 04

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-2] [Missing=*]
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<b>Statistics [NW/ W]</b>	[Valid=13186 /-] [Invalid=0 /-]
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### #31 a23: Record control 05

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-1] [Missing=*]
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<b>Statistics [NW/ W]</b>	[Valid=13186 /-] [Invalid=0 /-]
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### #32 a24: Record control 06

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-4] [Missing=*]
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<b>Statistics [NW/ W]</b>	[Valid=13186 /-] [Invalid=0 /-]
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### #33 a25: Record control 07

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-4] [Missing=*]
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<b>Statistics [NW/ W]</b>	[Valid=13186 /-] [Invalid=0 /-]
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### #34 a26: Record control 08

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
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<b>Statistics [NW/ W]</b>	[Valid=13186 /-] [Invalid=0 /-]
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### #35 a27: Record control 09

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-8] [Missing=*]
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<b>Statistics [NW/ W]</b>	[Valid=13186 /-] [Invalid=0 /-]
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### #36 a28: Record control 10

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
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<b>Statistics [NW/ W]</b>	[Valid=13186 /-] [Invalid=0 /-]
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### #37 a29: Record control 11

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]
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<b>Statistics [NW/ W]</b>	[Valid=13186 /-] [Invalid=0 /-]
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## File r1 - Household Characteristics, Household Head

### #38 a30: Number of households in Block/Village

Information	[Type= continuous] [Format=numeric] [Range= 1-999] [Missing=*]
Statistics [NW/ W]	[Valid=13186 /-] [Invalid=0 /-]
Definition	Nhijk

### #39 a31: Number of sampled households

Information	[Type= continuous] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=13186 /-] [Invalid=0 /-]
Definition	nhijk

### #40 a32: Weight NSO 1/Phkij

Information	[Type= continuous] [Format=numeric] [Range= 1-999999999] [Missing=*]
Statistics [NW/ W]	[Valid=13186 /-] [Invalid=0 /-]
Notes	There are 4 implicit decimal points for this variable.

### #41 a33: Monthly current income (bath)

Information	[Type= continuous] [Format=numeric] [Range= 0-999999] [Missing=*]
Statistics [NW/ W]	[Valid=13186 / 114621976.983 ] [Invalid=0 / 0 ] [Mean=6933.486 / 5621.541 ] [StdDev=13718.763 / 11214.756 ]
Definition	Household Income Total household income includes: (1) wage and salaries, tips, bonuses, etc. (2) net profits from farming and non-farming (3) property income such as land rent, royalties, interest and dividends (4) current transfer received such as assistance payments, pensions, scholarships and grants (5) non-money income (income-in-kind), the value of goods and services received as part of pay, home-produced and consumed (including rental value of owner occupied dwelling unit) or received free from other sources, and (6) other money receipts, such as insurance proceeds, lottery winnings and other "windfall" receipts.
Recoding and Derivation	Generated from Record 10 code 911 (Formula available in Socio-Economic Survey 1990 - Data Dictionary.pdf)

### #42 a34: Monthly consumption expenditure

Information	[Type= continuous] [Format=numeric] [Range= 1-999999] [Missing=*]
Statistics [NW/ W]	[Valid=13186 / 114621976.983 ] [Invalid=0 / 0 ] [Mean=5896.684 / 4976.067 ] [StdDev=7082.734 / 6287.745 ]
Definition	Household Expenditures Total household expenditures include: (1) the amount spent to purchase goods and services used for living purposes, (2) the value of goods and services received as part of pay, home-produced and consumed (including rental value of owner-occupied dwelling), or received free from other sources, and (3) the amount spent for taxes, contributions, insurance premiums, lottery tickets, interest on debts, and other non-consumption items.  Consumption expenditures are total household expenditures excluding non-consumption outlay in (3).
Recoding and Derivation	Generated from Record 12 code 901 (Formula available in Socio-Economic Survey 1990 - Data Dictionary.pdf)

### #43 a35: Per capita current income

Information	[Type= continuous] [Format=numeric] [Range= 0-999999] [Missing=*]
Statistics [NW/ W]	[Valid=13186 / 114621976.983 ] [Invalid=0 / 0 ] [Mean=1974.028 / 1558.439 ] [StdDev=3250.584 / 2585.907 ]
Recoding and Derivation	a35 = a33/a01

### #44 a36: Per capita current consumption

Information	[Type= continuous] [Format=numeric] [Range= 1-999999] [Missing=*]
Statistics [NW/ W]	[Valid=13186 / 114621976.983 ] [Invalid=0 / 0 ] [Mean=1696.777 / 1383.341 ] [StdDev=2273.72 / 1973.184 ]
Recoding and Derivation	a36 = a34/a01

## File r2 - Household Member Characteristics

### #1 region: Region

**Information** [Type= discrete] [Format=numeric] [Range= 1-6] [Missing=\*]

**Statistics [NW/ W]** [Valid=53007 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	North	10144	19.1%
2	Northeast	12689	23.9%
3	Central (Excl. 5 & 6)	10042	18.9%
4	South	8892	16.8%
5	Bangkok Metropolis	9668	18.2%
6	Nonthaburi, Pathum Thani and Samut Prakan	1572	3.0%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #2 changwat: Changwat

**Information** [Type= discrete] [Format=numeric] [Range= 1-21] [Missing=\*]

**Statistics [NW/ W]** [Valid=53007 /-] [Invalid=0 /-]

### #3 commun: Community

**Information** [Type= discrete] [Format=numeric] [Range= 1-3] [Missing=\*]

**Statistics [NW/ W]** [Valid=53007 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Municipal area	19246	36.3%
2	Sanitary district	10585	20.0%
3	Village	23176	43.7%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #4 block: Block

**Information** [Type= discrete] [Format=numeric] [Range= 1-248] [Missing=\*]

**Statistics [NW/ W]** [Valid=53007 /-] [Invalid=0 /-]

### #5 quarter: Quarter

**Information** [Type= discrete] [Format=numeric] [Range= 1-4] [Missing=\*]

**Statistics [NW/ W]** [Valid=53007 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	1st quarter	13869	26.2%
2	2nd quarter	13225	24.9%
3	3rd quarter	13040	24.6%
4	4th quarter	12873	24.3%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #6 hhno: Household number

**Information** [Type= discrete] [Format=numeric] [Range= 1-15] [Missing=\*]

**Statistics [NW/ W]** [Valid=53007 /-] [Invalid=0 /-]

#### Definition

Private Household was defined as

(1) a group of two or more persons who made common provision for food and other essentials of living. Members might pool their income and had a common budget to a greater or lesser extent. They might be related by blood, marriage or adoption, or unrelated. Unrelated boarders or lodgers; living with a household but not paying for living quarters and/or meals, and servants without their families; living with a household and receiving food, clothing and housing as part of wages or free, were counted as household members.

## File r2 - Household Member Characteristics

### #6 hhno: Household number

Unrelated boarders or lodgers with or without their families; living with a household but paying for living quarters and/or meals, were treated as separate households.

(2) Each member of a group of unrelated persons, not exceeding five persons, living together, sharing lodging and meals, were treated as one-person household.

(3) A person who made provision for his own food and other essentials of living without having common housekeeping or financial arrangement with other person, was treated as one-person household.

### #7 record: Record number

**Information** [Type= discrete] [Format=numeric] [Range= 2-2] [Missing=\*]

**Statistics [NW/ W]** [Valid=53007 /-] [Invalid=0 /-]

### #8 subrec: Subrecord number

**Information** [Type= discrete] [Format=numeric] [Range= 1-17] [Missing=\*]

**Statistics [NW/ W]** [Valid=53007 /-] [Invalid=0 /-]

### #9 b01: Member number

**Information** [Type= discrete] [Format=numeric] [Range= 1-17] [Missing=\*]

**Statistics [NW/ W]** [Valid=53007 /-] [Invalid=0 /-]

**Definition** Household Membership

The general criteria used to identify household members were:

- (1) common keeping arrangements
- (2) sharing of principal meals
- (3) common financial arrangements for supplying basic essentials for living, and
- (4) recognition of one member as the head.

If a usual member of the household was absent at the time of interview but was not expected to be away for more than three months, he was counted as a member, provided his income and expenditure could be recorded.

### #10 b02: Relationship to head

**Information** [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=\*]

**Statistics [NW/ W]** [Valid=53007 /-] [Invalid=0 /-]

**Definition** The head of the household was the person recognized as such by other members, whether he or she was responsible for financial support or welfare of the household members or not.

Value	Label	Cases	Percentage
0	Head	13166	24.8%
1	Spouse	9484	17.9%
2	Son or Daughter	21074	39.8%
3	Son- or Daughter-in-law	1677	3.2%
4	Grandchild	4050	7.6%
5	Parents	852	1.6%
6	Brother or Sister	894	1.7%
7	Other relative	1414	2.7%
8	Servant or Worker	235	0.4%
9	Non-relative	161	0.3%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #11 b03: Sex

**Information** [Type= discrete] [Format=numeric] [Range= 1-2] [Missing=\*]

## File r2 - Household Member Characteristics

### #11 b03: Sex

**Statistics [NW/ W]** [Valid=53007 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Male	25518	48.1%
2	Female	27489	51.9%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #12 b04: Age

**Information** [Type= continuous] [Format=numeric] [Range= 0-99] [Missing=\*]

**Statistics [NW/ W]** [Valid=53007 /-] [Invalid=0 /-] [Mean=28.72 /-] [StdDev=19.521 /-]

### #13 b05: Marital status

**Information** [Type= discrete] [Format=numeric] [Range= 1-6] [Missing=\*]

**Statistics [NW/ W]** [Valid=53007 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Never Married	15483	29.2%
2	Married	23587	44.5%
3	Widowed	2546	4.8%
4	Divorced	282	0.5%
5	Separated	541	1.0%
6	Child under 11 years of age	10568	19.9%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #14 b06: Attending school

**Information** [Type= discrete] [Format=numeric] [Range= 1-9] [Missing=\*/9]

**Statistics [NW/ W]** [Valid=52995 /-] [Invalid=12 /-]

Value	Label	Cases	Percentage
1	Yes	11875	22.4%
2	No	41120	77.6%
9	Not reported	12	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #15 b07: Educational attainment

**Information** [Type= discrete] [Format=numeric] [Range= 1-99] [Missing=\*/99]

**Statistics [NW/ W]** [Valid=52848 /-] [Invalid=159 /-]

*Frequency table not shown (34 Modalities)*

### #16 b08: Occupation primary job

**Information** [Type= discrete] [Format=numeric] [Range= 11-999] [Missing=\*/999]

**Statistics [NW/ W]** [Valid=41318 /-] [Invalid=11689 /-]

**Definition** Occupation  
Occupation was defined as the type of work performed by a person at his job. Generally, a person held only one job. During the last 52 weeks if the person had more than one job, the job at which he worked for the greater number of weeks was recorded. If the number of weeks worked for each job were the same, the job which gave him the highest income was recorded.

*Frequency table not shown (284 Modalities)*

## File r2 - Household Member Characteristics

### #17 b09: Work status primary job

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=42464 /-] [Invalid=10543 /-]
<b>Definition</b>	<p>Work Status</p> <p>Work status was classified into 7 different categories as follows:</p> <p>(1) An employer was defined as a person who operated his or her own enterprise for profit or dividends and hired one or more persons as his or her employee.</p> <p>(2) An own-account worker in the form of a partnership either for profit or dividends and hired no employees.</p> <p>(3) A private employee was a person who worked for pay in a government agency, a government enterprise as well as an international organization.</p> <p>(5) An unpaid family member was a person worked without pay on a farm or in a business owned or operated by the household head or other household members.</p> <p>(6) A person looking for work was a person who did not work at all during the last 52 weeks but has applied for work either at business establishments or by mailing letters of application.</p> <p>(7) An economically inactive person was one of the following:</p> <p>a) a housewife or person who worked around the house</p> <p>b) a student</p> <p>c) a retired person</p> <p>d) a disabled person who was unable to work because of physical or mental disability or because of chronic illness</p> <p>e) a person doing nothing who was voluntarily idle, and</p> <p>f) a beggar</p>

Value	Label	Cases	Percentage
1	Employer	3392	8.0%
2	Own-account Worker	5376	12.7%
3	Employee - Private	8529	20.1%
4	Employee - Government	2641	6.2%
5	Unpaid Family Worker	9516	22.4%
6	Unemployed	366	0.9%
7	Economically Inactive	11502	27.1%
9	No Occupation	1142	2.7%
Sysmiss		10543	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #18 b10: Industry primary job

Information		[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]	
Statistics [NW/ W]		[Valid=42466 /-] [Invalid=10541 /-]	
Value	Label	Cases	Percentage
1	Agriculture, Fishing, etc.	14291	<div></div> 33.7%
2	Mining and Quarrying	25	<div></div> 0.1%
3	Manufacturing	3169	<div></div> 7.5%
4	Electricity, Gas and Water	164	<div></div> 0.4%
5	Construction	1113	<div></div> 2.6%
6	Trade and Commerce	4604	<div></div> 10.8%
7	Transport, Storage and Communication	893	<div></div> 2.1%
8	Services	5192	<div></div> 12.2%
9	Economically Inactive	13015	<div></div> 30.6%
Sysmiss		10541	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #19 b11: Occupation secondary job

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 29-999] [Missing=*/999]
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## File r2 - Household Member Characteristics

### #19 b11: Occupation secondary job

<b>Statistics [NW/ W]</b>	[Valid=9131 /-] [Invalid=43876 /-]
<b>Definition</b>	<p>Occupation</p> <p>Occupation was defined as the type of work performed by a person at his job. Generally, a person held only one job. During the last 52 weeks if the person had more than one job, the job at which he worked for the greater number of weeks was recorded. If the number of weeks worked for each job were the same, the job which gave him the highest income was recorded.</p>
Frequency table not shown (283 Modalities)	

### #20 b12: Work status secondary job

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=42428 /-] [Invalid=10579 /-]
<b>Definition</b>	<p>Work Status</p> <p>Work status was classified into 7 different categories as follows:</p> <p>(1) An employer was defined as a person who operated his or her own enterprise for profit or dividends and hired one or more persons as his or her employee.</p> <p>(2) An own-account worker in the form of a partnership either for profit or dividends and hired no employees.</p> <p>(3) A private employee was a person who worked for pay in a government agency, a government enterprise as well as an international organization.</p> <p>(5) An unpaid family member was a person worked without pay on a farm or in a business owned or operated by the household head or other household members.</p> <p>(6) A person looking for work was a person who did not work at all during the last 52 weeks but has applied for work either at business establishments or by mailing letters of application.</p> <p>(7) An economically inactive person was one of the following:</p> <p>a) a housewife or person who worked around the house</p> <p>b) a student</p> <p>c) a retired person</p> <p>d) a disabled person who was unable to work because of physical or mental disability or because of chronic illness</p> <p>e) a person doing nothing who was voluntarily idle, and</p> <p>f) a beggar</p>

Value	Label	Cases	Percentage
1	Employer	509	1.2%
2	Own-account Worker	1453	3.4%
3	Employee - Private	3239	7.6%
4	Employee - Government	129	0.3%
5	Unpaid Family Worker	1860	4.4%
6	Unemployed	1	0.0%
7	Economically Inactive	1941	4.6%
9	No Occupation	33296	78.5%
Sysmiss		10579	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #21 b13: Industry secondary job

Information		[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]	
Statistics [NW/ W]		[Valid=42427 /-] [Invalid=10580 /-]	
Value	Label	Cases	Percentage
1	Agriculture, Fishing, etc.	4476	<div></div> 10.5%
2	Mining and Quarrying	4	<div></div> 0.0%
3	Manufacturing	503	<div></div> 1.2%
4	Electricity, Gas and Water	8	<div></div> 0.0%
5	Construction	424	<div></div> 1.0%



## File r2 - Household Member Characteristics

### #21 b13: Industry secondary job

Value	Label	Cases	Percentage
6	Trade and Commerce	481	1.1%
7	Transport, Storage and Communication	113	0.3%
8	Services	1178	2.8%
9	Economically Inactive	35240	83.1%
Sysmiss		10580	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #22 b14: Wages and salaries

Information	[Type= continuous] [Format=numeric] [Range= 0-999999] [Missing=*]
Statistics [NW/ W]	[Valid=14419 /-] [Invalid=38588 /-] [Mean=2751.517 /-] [StdDev=3829.232 /-]

### #23 b15: Profit, non farm

Information	[Type= continuous] [Format=numeric] [Range= 0-999999] [Missing=*]
Statistics [NW/ W]	[Valid=4421 /-] [Invalid=48586 /-] [Mean=4929.635 /-] [StdDev=17094.999 /-]

### #24 b16: Profit from farming

Information	[Type= continuous] [Format=numeric] [Range= 0-999999] [Missing=*]
Statistics [NW/ W]	[Valid=5465 /-] [Invalid=47542 /-] [Mean=2029.709 /-] [StdDev=7758.983 /-]

### #25 b17: Transfer payments

Information	[Type= continuous] [Format=numeric] [Range= 0-999999] [Missing=*]
Statistics [NW/ W]	[Valid=3381 /-] [Invalid=49626 /-] [Mean=1492.909 /-] [StdDev=2395.425 /-]

### #26 b18: Property income

Information	[Type= continuous] [Format=numeric] [Range= 0-999999] [Missing=*]
Statistics [NW/ W]	[Valid=1406 /-] [Invalid=51601 /-] [Mean=1031.787 /-] [StdDev=3853.197 /-]

### #27 b19: Other money receipts

Information	[Type= continuous] [Format=numeric] [Range= 0-999999] [Missing=*]
Statistics [NW/ W]	[Valid=1169 /-] [Invalid=51838 /-] [Mean=2088.453 /-] [StdDev=12648.765 /-]

### #28 b20: Total monthly income

Information	[Type= continuous] [Format=numeric] [Range= 0-999999] [Missing=*]
Statistics [NW/ W]	[Valid=23635 /-] [Invalid=29372 /-] [Mean=3448.277 /-] [StdDev=9796.136 /-]

### #29 b21: Check last member

Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]
Statistics [NW/ W]	[Valid=53007 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0	No	39820	75.1%
1	Yes	13187	24.9%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

## File r3 - Income from Other Sources

### #1 region: Region

Information	[Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*]
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## File r3 - Income from Other Sources

### #1 region: Region

Statistics [NW/ W] [Valid=12484 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	North	2788	22.3%
2	Northeast	3483	27.9%
3	Central (Excl. 5 & 6)	2044	16.4%
4	South	1447	11.6%
5	Bangkok Metropolis	2322	18.6%
6	Nonthaburi, Pathum Thani and Samut Prakan	400	3.2%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #2 changwat: Changwat

Information [Type= discrete] [Format=numeric] [Range= 1-21] [Missing=\*]

Statistics [NW/ W] [Valid=12484 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1		2654	21.3%
2		1270	10.2%
3		760	6.1%
4		431	3.5%
5		293	2.3%
6		359	2.9%
7		833	6.7%
8		444	3.6%
9		946	7.6%
10		438	3.5%
11		675	5.4%
12		584	4.7%
13		484	3.9%
14		626	5.0%
15		799	6.4%
16		212	1.7%
17		289	2.3%
18		118	0.9%
19		109	0.9%
20		73	0.6%
21		87	0.7%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #3 commun: Community

Information [Type= discrete] [Format=numeric] [Range= 1-3] [Missing=\*]

Statistics [NW/ W] [Valid=12484 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Municipal area	4716	37.8%
2	Sanitary district	2575	20.6%
3	Village	5193	41.6%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

## File r3 - Income from Other Sources

### #4 block: Block

**Information** [Type= discrete] [Format=numeric] [Range= 1-252] [Missing=\*]

**Statistics [NW/ W]** [Valid=12484 /-] [Invalid=0 /-]

*Frequency table not shown (239 Modalities)*

### #5 quarter: Quarter

**Information** [Type= discrete] [Format=numeric] [Range= 1-4] [Missing=\*]

**Statistics [NW/ W]** [Valid=12484 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	1st quarter	3527	28.3%
2	2nd quarter	3158	25.3%
3	3rd quarter	2980	23.9%
4	4th quarter	2819	22.6%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #6 hhno: Household number

**Information** [Type= discrete] [Format=numeric] [Range= 1-15] [Missing=\*]

**Statistics [NW/ W]** [Valid=12484 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1		1737	13.9%
2		1542	12.4%
3		1573	12.6%
4		1441	11.5%
5		1381	11.1%
6		1434	11.5%
7		1145	9.2%
8		647	5.2%
9		440	3.5%
10		350	2.8%
11		303	2.4%
12		249	2.0%
13		150	1.2%
14		79	0.6%
15		13	0.1%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #7 record: Record number

**Information** [Type= discrete] [Format=numeric] [Range= 3-3] [Missing=\*]

**Statistics [NW/ W]** [Valid=12484 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
3		12484	100.0%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #8 subrec: Subrecord number

**Information** [Type= discrete] [Format=numeric] [Range= 1-1] [Missing=\*]

**Statistics [NW/ W]** [Valid=12484 /-] [Invalid=0 /-]

## File r3 - Income from Other Sources

### #8 subrec: Subrecord number

Value	Label	Cases	Percentage
1		12484	100.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #9 cno: Income Group Number

Information	[Type= discrete] [Format=numeric] [Range= 1-7] [Missing=*]
Statistics [NW/ W]	[Valid=12484 /-] [Invalid=0 /-]
Definition	This item corresponds to data fields 1-14 in the Input Format for Record 03 of SES 1990.

Value	Label	Cases	Percentage
1		5352	42.9%
2		5352	42.9%
3		1342	10.7%
4		326	2.6%
5		88	0.7%
6		20	0.2%
7		4	0.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #10 cc: Income Group Code

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=12484 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Pensions, Annuities or Disability Payments	201	1.6%
2	Remittance and Contributions from Family Members living away from Home	2147	17.2%
3	Assistance Payments from Other Persons Outside the Household	1353	10.8%
4	Assistance Payments from Government or Other Agencies	80	0.6%
5	Work Compensation or Terminal Pay	3	0.0%
6	Income from Renting Agricultural Land	353	2.8%
7	Income from Renting Other Properties or from Royalties	52	0.4%
8	Income from Roomers and Boarders	178	1.4%
9	Interest from Savings Accounts in Banks	538	4.3%
10	Interest from Other Financial Institutions	7	0.1%
11	Interests from Loans (from persons)	109	0.9%
12	Interest from Bonds	8	0.1%
13	Interest from Shares	300	2.4%
14	Dividendd from Stocks and Other Investments	296	2.4%
15	Scholarships and Grants	6	0.0%
16	Inheritance Bequeaths, Large Gifts, etc.	121	1.0%
17	Proceeds from Health, Accident or Fire Insurance	4	0.0%
18	Proceeds from Life Insurance	10	0.1%
19	Lottery Winnings	343	2.7%
20	The Numbers Game Winnings	667	5.3%
21	Horse Racing Winnings	6	0.0%

## File r3 - Income from Other Sources

### #10 cc: Income Group Code

Value	Label	Cases	Percentage
22	Other Gambling Winnings	85	0.7%
23	Commission	38	0.3%
24	Other Income	227	1.8%
99	Total Income from Other Sources	5352	42.9%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #11 cv: Income Group Value (Baht)

Information	[Type= continuous] [Format=numeric] [Range= 1-999999] [Missing=*]
Statistics [NW/ W]	[Valid=12484 /-] [Invalid=0 /-] [Mean=1855.459 /-] [StdDev=5728.929 /-]

## File r4 - Change of Assets and Liabilities

### #1 region: Region

Information	[Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*]
Statistics [NW/ W]	[Valid=64528 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	North	12841	19.9%
2	Northeast	13545	21.0%
3	Central (Excl. 5 & 6)	12113	18.8%
4	South	10159	15.7%
5	Bangkok Metropolis	13607	21.1%
6	Nonthaburi, Pathum Thani and Samut Prakan	2263	3.5%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #2 changwat: Changwat

Information	[Type= discrete] [Format=numeric] [Range= 1-21] [Missing=*]
Statistics [NW/ W]	[Valid=64528 /-] [Invalid=0 /-]

### #3 commun: Community

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=64528 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Municipal area	26104	40.5%
2	Sanitary district	12643	19.6%
3	Village	25781	40.0%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #4 block: Block

Information	[Type= discrete] [Format=numeric] [Range= 1-252] [Missing=*]
Statistics [NW/ W]	[Valid=64528 /-] [Invalid=0 /-]

### #5 quarter: Quarter

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=64528 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	1st quarter	16421	25.4%

## File r4 - Change of Assets and Liabilities

### #5 quarter: Quarter

Value	Label	Cases	Percentage
2	2nd quarter	16156	25.0%
3	3rd quarter	16160	25.0%
4	4th quarter	15791	24.5%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #6 hhno: Household number

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=64528 /-] [Invalid=0 /-]

### #7 record: Record number

Information	[Type= discrete] [Format=numeric] [Range= 4-4] [Missing=*]
Statistics [NW/ W]	[Valid=64528 /-] [Invalid=0 /-]

### #8 subrec: Subrecord number

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=64528 /-] [Invalid=0 /-]

### #9 dno: Item number

Information	[Type= discrete] [Format=numeric] [Range= 1-11] [Missing=*]
Statistics [NW/ W]	[Valid=64528 /-] [Invalid=0 /-]

### #10 dc: Assets, Liabilities and Debt

Information	[Type= discrete] [Format=numeric] [Range= 611-913] [Missing=*]
Statistics [NW/ W]	[Valid=64528 /-] [Invalid=0 /-]

*Frequency table not shown (70 Modalities)*

### #11 dv: Value (Baht)

Information	[Type= continuous] [Format=numeric] [Range= 1-9999999] [Missing=*]
Statistics [NW/ W]	[Valid=64528 /-] [Invalid=0 /-] [Mean=5500.795 /-] [StdDev=61334.79 /-]

## File r5 - Housing Characteristics

### #1 region: Region

Information	[Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*]
Statistics [NW/ W]	[Valid=13186 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	North	2697	20.5%
2	Northeast	2915	22.1%
3	Central (Excl. 5 & 6)	2538	19.2%
4	South	2081	15.8%
5	Bangkok Metropolis	2565	19.5%
6	Nonthaburi, Pathum Thani and Samut Prakan	390	3.0%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #2 changwat: Changwat

Information	[Type= discrete] [Format=numeric] [Range= 1-21] [Missing=*]
Statistics [NW/ W]	[Valid=13186 /-] [Invalid=0 /-]

## File r5 - Housing Characteristics

### #3 commun: Community

**Information** [Type= discrete] [Format=numeric] [Range= 1-3] [Missing=\*]

**Statistics [NW/ W]** [Valid=13186 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Municipal area	5074	38.5%
2	Sanitary district	2654	20.1%
3	Village	5458	41.4%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #4 block: Block

**Information** [Type= discrete] [Format=numeric] [Range= 1-248] [Missing=\*]

**Statistics [NW/ W]** [Valid=13186 /-] [Invalid=0 /-]

### #5 quarter: Quarter

**Information** [Type= discrete] [Format=numeric] [Range= 1-4] [Missing=\*]

**Statistics [NW/ W]** [Valid=13186 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	1st quarter	3394	25.7%
2	2nd quarter	3274	24.8%
3	3rd quarter	3276	24.8%
4	4th quarter	3242	24.6%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #6 hhno: Household number

**Information** [Type= discrete] [Format=numeric] [Range= 1-15] [Missing=\*]

**Statistics [NW/ W]** [Valid=13186 /-] [Invalid=0 /-]

### #7 record: Record number

**Information** [Type= discrete] [Format=numeric] [Range= 5-5] [Missing=\*]

**Statistics [NW/ W]** [Valid=13186 /-] [Invalid=0 /-]

### #8 subrec: Subrecord number

**Information** [Type= discrete] [Format=numeric] [Range= 1-1] [Missing=\*]

**Statistics [NW/ W]** [Valid=13186 /-] [Invalid=0 /-]

### #9 e01: Type of dwelling

**Information** [Type= discrete] [Format=numeric] [Range= 1-7] [Missing=\*]

**Statistics [NW/ W]** [Valid=13186 /-] [Invalid=0 /-]

**Definition**  
Dwelling Unit  
The dwelling unit was defined as all the living space occupied by one household, without regard to arrangement or facilities available. It may be one room occupied by a lodger or boarder, or it may be one, two or more houses occupied by an extended household. However, if a dwelling unit was vacant it was defined as a room or group of rooms with direct access, intended for occupancy by one household.

Value	Label	Cases	Percentage
1	Detached house	9920	75.2%
2	Twin house	116	0.9%
3	Row house	1946	14.8%
4	Flat or apartment	255	1.9%

## File r5 - Housing Characteristics

### #9 e01: Type of dwelling

Value	Label	Cases	Percentage
5	Room or rooms	720	5.5%
6	Improvised quarters	154	1.2%
7	Other	75	0.6%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #10 e02: Water supply for use

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=13186 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Water supply-piped inside-Private	3970	30.1%
2	Water supply-piped-inside-Shared	1206	9.1%
3	Underground water piped-inside-Private	484	3.7%
4	Underground water piped-inside-Shared	212	1.6%
5	Water supply-piped-inside outside	247	1.9%
6	Well	5934	45.0%
7	River, stream, etc.	904	6.9%
8	Rain water	93	0.7%
9	Other	136	1.0%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #11 e03: Drinking water

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=13186 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Water supply-piped inside-Private	2630	19.9%
2	Water supply-piped-inside-Shared	899	6.8%
3	Underground water piped-inside-Private	216	1.6%
4	Underground water piped-inside-Shared	121	0.9%
5	Water supply-piped-inside outside	280	2.1%
6	Well	3928	29.8%
7	River, stream, etc.	182	1.4%
8	Rain water	3897	29.6%
9	Other	1033	7.8%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #12 e04: Toilet facilities

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-7] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=13186 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Flush or moulded latrine-Private	9791	74.3%
2	Flush or moulded latrine-Shared	1695	12.9%
3	Bucket latrine	31	0.2%
4	Public latrine	7	0.1%
5	Pit or hole in ground	185	1.4%



## File r5 - Housing Characteristics

### #12 e04: Toilet facilities

Value	Label	Cases	Percentage
6	Flush into river/sea	32	0.2%
7	No facilities nearby	1445	11.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #13 e05: Cooking fuel

Information	[Type= discrete] [Format=numeric] [Range= 1-8] [Missing=*]
Statistics [NW/ W]	[Valid=13186 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Charcoal	3961	30.0%
2	Wood	2895	22.0%
3	Kerosene	34	0.3%
4	Gaas	4905	37.2%
5	Bio-gas	9	0.1%
6	Electricity	523	4.0%
7	Other	47	0.4%
8	No cooking done	812	6.2%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #14 e06: Number of rooms

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=13186 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1		4508	34.2%
2		4494	34.1%
3		2662	20.2%
4		1046	7.9%
5		278	2.1%
6		123	0.9%
7		45	0.3%
8		19	0.1%
9		11	0.1%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #15 e07: Sleeping rooms

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=13186 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1		6972	52.9%
2		4356	33.0%
3		1451	11.0%
4		290	2.2%
5		89	0.7%
6		20	0.2%
7		7	0.1%

## File r5 - Housing Characteristics

### #15 e07: Sleeping rooms

Value	Label	Cases	Percentage
9		1	0.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #16 e08: Electricity in dwellings

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=13186 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Yes	11961	90.7%
2	No	1225	9.3%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #17 e09: Telephone in structure

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=13186 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Yes	1371	10.4%
2	No	11815	89.6%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #18 e10: Construction material

Information	[Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]
Statistics [NW/ W]	[Valid=13186 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Cement, brick or stone	3608	27.4%
2	Wood	8759	66.4%
3	Local materials	583	4.4%
4	Re-used materials	106	0.8%
5	Other	130	1.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #19 e11: Tenure

Information	[Type= discrete] [Format=numeric] [Range= 1-7] [Missing=*]
Statistics [NW/ W]	[Valid=13186 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Owns dwelling and land	8759	66.4%
2	Owns dwelling on rented land	716	5.4%
3	Owns dwelling on public area	176	1.3%
4	Hire - purchased	86	0.7%
5	Rent dwelling	1813	13.7%
6	Rent paid by others	174	1.3%
7	Receives rent free	1462	11.1%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #20 e12: Who pays for rent

Information	[Type= discrete] [Format=numeric] [Range= 1-7] [Missing=*]
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## File r5 - Housing Characteristics

### #20 e12: Who pays for rent

Statistics [NW/ W] [Valid=3449 /-] [Invalid=9737 /-]

Value	Label	Cases	Percentage
1	Dweller	1779	51.6%
2	Employer	484	14.0%
3	Parents	172	5.0%
4	Relatives	288	8.4%
5	Government	552	16.0%
6	Company or Private Agency	116	3.4%
7	Other	58	1.7%
Sysmiss		9737	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #21 e13: Monthly rent or rental value by hh and hh business (baht)

Information [Type= continuous] [Format=numeric] [Range= 1-99999] [Missing=\*]

Statistics [NW/ W] [Valid=13186 /-] [Invalid=0 /-] [Mean=964.868 /-] [StdDev=1611.653 /-]

### #22 e14: Monthly rent or rental value excluding area by hh business (baht)

Information [Type= continuous] [Format=numeric] [Range= 1-99999] [Missing=\*]

Statistics [NW/ W] [Valid=13186 /-] [Invalid=0 /-] [Mean=871.402 /-] [StdDev=1279.884 /-]

### #23 e15: Advanced payment on rent (baht/year)

Information [Type= continuous] [Format=numeric] [Range= 1-999999] [Missing=\*]

Statistics [NW/ W] [Valid=120 /-] [Invalid=13066 /-] [Mean=15869.158 /-] [StdDev=39053.513 /-]

### #24 e16: Mobility

Information [Type= discrete] [Format=numeric] [Range= 0-9] [Missing=\*]

Statistics [NW/ W] [Valid=13186 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0	Always in this dwelling	1484	11.3%
1	Always lived in Amphoe, in this dwelling 5 years or more	3118	23.6%
2	Always lived in Amphoe, in this dwelling 1-4 years	900	6.8%
3	Always lived in Amphoe, in this dwelling less than 1 year	144	1.1%
4	Lived in Amphoe 10 years or more, in this dwelling 5 years or more	3693	28.0%
5	Lived in Amphoe 10 years or more, in this dwelling 1-4 years	585	4.4%
6	Lived in Amphoe 10 years or more, in this dwelling less than 1 year	118	0.9%
7	Lived in Amphoe less than 10 years, in this dwelling 5 years or more	821	6.2%
8	Lived in Amphoe less than 10 years, in this dwelling 1-4 years	1606	12.2%
9	Lived in Amphoe less than 10 years, in this dwelling less than 1 year	717	5.4%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

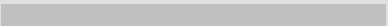

### #25 e17: Living room sofa

Information [Type= discrete] [Format=numeric] [Range= 1-2] [Missing=\*]

Statistics [NW/ W] [Valid=3241 /-] [Invalid=9945 /-]

## File r5 - Housing Characteristics

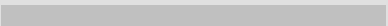

### #25 e17: Living room sofa

Value	Label	Cases	Percentage
1	Yes	3140	 96.9%
2	No	101	 3.1%
Sysmiss		9945	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #26 e18: Beds (wood or metal)

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=5644 /-] [Invalid=7542 /-]

Value	Label	Cases	Percentage
1	Yes	5503	 97.5%
2	No	141	 2.5%
Sysmiss		7542	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #27 e19: Cook stove-gas

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=5840 /-] [Invalid=7346 /-]

Value	Label	Cases	Percentage
1	Yes	5771	 98.8%
2	No	69	 1.2%
Sysmiss		7346	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #28 e20: Cook stove-electric

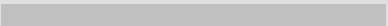

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=1411 /-] [Invalid=11775 /-]

Value	Label	Cases	Percentage
1	Yes	1348	 95.5%
2	No	63	 4.5%
Sysmiss		11775	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #29 e21: Refrigerators

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=5785 /-] [Invalid=7401 /-]

Value	Label	Cases	Percentage
1	Yes	5658	 97.8%
2	No	127	 2.2%
Sysmiss		7401	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #30 e22: Electric irons

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=7854 /-] [Invalid=5332 /-]

## File r5 - Housing Characteristics

### #30 e22: Electric irons

Value	Label	Cases	Percentage
1	Yes	7726	98.4%
2	No	128	1.6%
Sysmiss		5332	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #31 e23: Cooking pots, electric

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=8316 /-] [Invalid=4870 /-]

Value	Label	Cases	Percentage
1	Yes	8204	98.7%
2	No	112	1.3%
Sysmiss		4870	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #32 e24: Electric fans

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=10030 /-] [Invalid=3156 /-]

Value	Label	Cases	Percentage
1	Yes	9815	97.9%
2	No	215	2.1%
Sysmiss		3156	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #33 e25: Radios

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=10087 /-] [Invalid=3099 /-]

Value	Label	Cases	Percentage
1	Yes	9976	98.9%
2	No	111	1.1%
Sysmiss		3099	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #34 e26: TVs B&W

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=3101 /-] [Invalid=10085 /-]

Value	Label	Cases	Percentage
1	Yes	3034	97.8%
2	No	67	2.2%
Sysmiss		10085	


Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #35 e27: TVs Color

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=6293 /-] [Invalid=6893 /-]

## File r5 - Housing Characteristics



### #35 e27: TVs Color

Value	Label	Cases	Percentage
1	Yes	6176	 98.1%
2	No	117	 1.9%
Sysmiss		6893	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #36 e28: Water boilers

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=621 /-] [Invalid=12565 /-]

Value	Label	Cases	Percentage
1	Yes	587	 94.5%
2	No	34	 5.5%
Sysmiss		12565	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #37 e29: Bicycles

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=6311 /-] [Invalid=6875 /-]

Value	Label	Cases	Percentage
1	Yes	6224	 98.6%
2	No	87	 1.4%
Sysmiss		6875	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #38 e30: Motorcycle

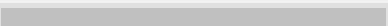

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=5027 /-] [Invalid=8159 /-]

Value	Label	Cases	Percentage
1	Yes	4917	 97.8%
2	No	110	 2.2%
Sysmiss		8159	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #39 e31: Videos

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=1614 /-] [Invalid=11572 /-]

Value	Label	Cases	Percentage
1	Yes	1571	 97.3%
2	No	43	 2.7%
Sysmiss		11572	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #40 e32: Washing machines

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=990 /-] [Invalid=12196 /-]

## File r5 - Housing Characteristics

### #40 e32: Washing machines

Value	Label	Cases	Percentage
1	Yes	953	96.3%
2	No	37	3.7%
Sysmiss		12196	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #41 e33: Air conditioners

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=576 /-] [Invalid=12610 /-]

Value	Label	Cases	Percentage
1	Yes	532	92.4%
2	No	44	7.6%
Sysmiss		12610	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #42 e34: Automobile

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=792 /-] [Invalid=12394 /-]

Value	Label	Cases	Percentage
1	Private use	672	84.8%
2	Business	56	7.1%
3	Both private & business	45	5.7%
4	Not owned	19	2.4%
Sysmiss		12394	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #43 e35: Pick up van (mini truck)

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=826 /-] [Invalid=12360 /-]

Value	Label	Cases	Percentage
1	Private use	515	62.3%
2	Business	159	19.2%
3	Both private & business	137	16.6%
4	Not owned	15	1.8%
Sysmiss		12360	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #44 e36: Other mini truck

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=388 /-] [Invalid=12798 /-]

Value	Label	Cases	Percentage
1	Private use	311	80.2%
2	Business	35	9.0%
3	Both private & business	41	10.6%
4	Not owned	1	0.3%

## File r5 - Housing Characteristics

### #44 e36: Other mini truck

Value	Label	Cases	Percentage
Sysmiss		12798	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #45 e37: Motor boat

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=112 /-] [Invalid=13074 /-]

Value	Label	Cases	Percentage
1	Private use	63	56.2%
2	Business	32	28.6%
3	Both private & business	12	10.7%
4	Not owned	5	4.5%
Sysmiss		13074	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #46 e38: Sewing machine

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=2058 /-] [Invalid=11128 /-]

Value	Label	Cases	Percentage
1	Private use	1926	93.6%
2	Business	87	4.2%
3	Both private & business	32	1.6%
4	Not owned	13	0.6%
Sysmiss		11128	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #47 e39: Building used for business

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=13186 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Yes	1644	12.5%
2	No	11542	87.5%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

## File r6 - Payment Transfers (Transferee)

### #1 region: Region

Information	[Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*]
Statistics [NW/ W]	[Valid=3908 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	North	901	23.1%
2	Northeast	1130	28.9%
3	Central (Excl. 5 & 6)	783	20.0%
4	South	420	10.7%
5	Bangkok Metropolis	564	14.4%
6	Nonthaburi, Pathum Thani and Samut Prakan	110	2.8%



## File r6 - Payment Transfers (Transferee)

### #1 region: Region

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #2 changwat: Changwat

**Information** [Type= discrete] [Format=numeric] [Range= 1-21] [Missing=\*]

**Statistics [NW/ W]** [Valid=3908 /-] [Invalid=0 /-]

### #3 commun: Community

**Information** [Type= discrete] [Format=numeric] [Range= 1-3] [Missing=\*]

**Statistics [NW/ W]** [Valid=3908 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Municipal area	1257	32.2%
2	Sanitary district	785	20.1%
3	Village	1866	47.7%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #4 block: Block

**Information** [Type= discrete] [Format=numeric] [Range= 1-246] [Missing=\*]

**Statistics [NW/ W]** [Valid=3908 /-] [Invalid=0 /-]

### #5 quarter: Quarter

**Information** [Type= discrete] [Format=numeric] [Range= 1-4] [Missing=\*]

**Statistics [NW/ W]** [Valid=3908 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	1st quarter	1055	27.0%
2	2nd quarter	1005	25.7%
3	3rd quarter	901	23.1%
4	4th quarter	947	24.2%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #6 hhno: Household number

**Information** [Type= discrete] [Format=numeric] [Range= 1-15] [Missing=\*]

**Statistics [NW/ W]** [Valid=3908 /-] [Invalid=0 /-]

### #7 record: Record number

**Information** [Type= discrete] [Format=numeric] [Range= 6-6] [Missing=\*]

**Statistics [NW/ W]** [Valid=3908 /-] [Invalid=0 /-]

### #8 subrec: Subrecord number

**Information** [Type= discrete] [Format=numeric] [Range= 1-4] [Missing=\*]

**Statistics [NW/ W]** [Valid=3908 /-] [Invalid=0 /-]

### #9 f01: Transferor number

**Information** [Type= discrete] [Format=numeric] [Range= 1-4] [Missing=\*]

**Statistics [NW/ W]** [Valid=3908 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1		2830	72.4%
2		733	18.8%

## File r6 - Payment Transfers (Transferee)

### #9 f01: Transferor number

Value	Label	Cases	Percentage
3		257	6.6%
4		88	2.3%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #10 f02: Industrial sector of transferee

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*/999]
Statistics [NW/ W]	[Valid=3907 /-] [Invalid=1 /-]

Value	Label	Cases	Percentage
1	Agriculture, Fishing, etc.	1392	35.6%
2	Mining and Quarrying	14	0.4%
3	Manufacturing	187	4.8%
4	Electricity, Gas and Water	6	0.2%
5	Construction	54	1.4%
6	Trade and Commerce	302	7.7%
7	Transport, Storage and Communication	43	1.1%
8	Services	366	9.4%
9	Economically Inactive	1543	39.5%
Sysmiss		1	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #11 f03: Relationship to transferee

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*/9]
Statistics [NW/ W]	[Valid=3907 /-] [Invalid=1 /-]

Value	Label	Cases	Percentage
1	Spouse	424	10.9%
2	Son or Daughter	2597	66.5%
3	Parents	462	11.8%
4	Brother or Sister	174	4.5%
5	Other Relative	196	5.0%
6	Other Person	54	1.4%
9	Not reported, Unknown	1	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #12 f04: Occupation of transferor

Information	[Type= discrete] [Format=numeric] [Range= 1-999] [Missing=*/999/0]
Statistics [NW/ W]	[Valid=3794 /-] [Invalid=114 /-]

Frequency table not shown (283 Modalities)

### #13 f05: Industrial sector of transferor

Information	[Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*/0]
Statistics [NW/ W]	[Valid=3828 /-] [Invalid=80 /-]

Value	Label	Cases	Percentage
1	Agriculture, Fishing, etc.	513	13.4%
2	Mining and Quarrying	9	0.2%

## File r6 - Payment Transfers (Transferee)

### #13 f05: Industrial sector of transferor

Value	Label	Cases	Percentage
3	Manufacturing	754	19.7%
4	Electricity, Gas and Water	37	1.0%
5	Construction	388	10.1%
6	Trade and Commerce	656	17.1%
7	Transport, Storage and Communication	144	3.8%
8	Services	1128	29.5%
9	Economically Inactive	199	5.2%
0	Not reported, Unknown	77	
Sysmiss		3	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #14 f06a: Address of transferor Changwat

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*/99]
Statistics [NW/ W]	[Valid=3392 /-] [Invalid=516 /-]
Frequency table not shown (92 Modalities)	

### #15 f06b: Address of transferor Community

Information	[Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*
Statistics [NW/ W]	[Valid=3908 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Municipal area	2387	61.1%
2	Sanitary district	358	9.2%
3	Village	829	21.2%
4	Not reported, Unknown	127	3.2%
5	Abroad	207	5.3%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #16 f07: Value of transfer payment last year: cash value

Information	[Type= continuous] [Format=numeric] [Range= 1-9999999] [Missing=*
Statistics [NW/ W]	[Valid=3813 /-] [Invalid=95 /-] [Mean=947.701 /-] [StdDev=1845.985 /-]

### #17 f08: Value of transfer payment last year: goods value

Information	[Type= continuous] [Format=numeric] [Range= 1-9999999] [Missing=*
Statistics [NW/ W]	[Valid=569 /-] [Invalid=3339 /-] [Mean=252.204 /-] [StdDev=933.956 /-]

### #18 f09: Value of transfer payment last month: cash value

Information	[Type= continuous] [Format=numeric] [Range= 1-9999999] [Missing=*
Statistics [NW/ W]	[Valid=2716 /-] [Invalid=1192 /-] [Mean=2563.137 /-] [StdDev=38947.407 /-]

### #19 f10: Value of transfer payment last month: goods value

Information	[Type= continuous] [Format=numeric] [Range= 1-9999999] [Missing=*
Statistics [NW/ W]	[Valid=295 /-] [Invalid=3613 /-] [Mean=784.759 /-] [StdDev=2189.547 /-]

### #20 f11: Purpose of Transfer

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*/3]
Statistics [NW/ W]	[Valid=3897 /-] [Invalid=11 /-]

## File r6 - Payment Transfers (Transferee)

### #20 f11: Purpose of Transfer

Value	Label	Cases	Percentage
1	For education	360	9.2%
2	For other purposes	3537	90.8%
3	Not reported	11	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #21 f12: Method of delivery

Information	[Type= discrete] [Format=numeric] [Range= 1-6] [Missing=* /6]
Statistics [NW/ W]	[Valid=3877 /-] [Invalid=31 /-]

Value	Label	Cases	Percentage
1	Money order	1104	28.5%
2	Account transfer	227	5.9%
3	Person to person	2354	60.7%
4	Passed by other persons	179	4.6%
5	Other methods	13	0.3%
6	Not reported	31	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #22 f13: Check last member

Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]
Statistics [NW/ W]	[Valid=3908 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
0	No	1080	27.6%
1	Yes	2828	72.4%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

## File r7 - Payment Transfers (Transferor)

### #1 region: Region

Information	[Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*]
Statistics [NW/ W]	[Valid=2530 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	North	357	14.1%
2	Northeast	355	14.0%
3	Central (Excl. 5 & 6)	361	14.3%
4	South	437	17.3%
5	Bangkok Metropolis	915	36.2%
6	Nonthaburi, Pathum Thani and Samut Prakan	105	4.2%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #2 changwat: Changwat

Information	[Type= discrete] [Format=numeric] [Range= 1-21] [Missing=*]
Statistics [NW/ W]	[Valid=2530 /-] [Invalid=0 /-]

### #3 commun: Community

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
-------------	--

## File r7 - Payment Transfers (Transferor)

### #3 commun: Community

Statistics [NW/ W] [Valid=2530 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Municipal area	1542	60.9%
2	Sanitary district	447	17.7%
3	Village	541	21.4%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #4 block: Block

Information [Type= discrete] [Format=numeric] [Range= 1-248] [Missing=\*]

Statistics [NW/ W] [Valid=2530 /-] [Invalid=0 /-]

### #5 quarter: Quarter

Information [Type= discrete] [Format=numeric] [Range= 1-4] [Missing=\*]

Statistics [NW/ W] [Valid=2530 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	1st quarter	690	27.3%
2	2nd quarter	575	22.7%
3	3rd quarter	648	25.6%
4	4th quarter	617	24.4%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #6 hhno: Household number

Information [Type= discrete] [Format=numeric] [Range= 1-14] [Missing=\*]

Statistics [NW/ W] [Valid=2530 /-] [Invalid=0 /-]

### #7 record: Record number

Information [Type= discrete] [Format=numeric] [Range= 7-7] [Missing=\*]

Statistics [NW/ W] [Valid=2530 /-] [Invalid=0 /-]

### #8 subrec: Subrecord number

Information [Type= discrete] [Format=numeric] [Range= 1-4] [Missing=\*]

Statistics [NW/ W] [Valid=2530 /-] [Invalid=0 /-]

### #9 g01: Transferee number

Information [Type= discrete] [Format=numeric] [Range= 1-4] [Missing=\*]

Statistics [NW/ W] [Valid=2530 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1		2141	84.6%
2		323	12.8%
3		57	2.3%
4		9	0.4%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #10 g02: Industrial sector of transferor

Information [Type= discrete] [Format=numeric] [Range= 1-9] [Missing=\*]

Statistics [NW/ W] [Valid=2530 /-] [Invalid=0 /-]

## File r7 - Payment Transfers (Transferor)

### #10 g02: Industrial sector of transferor

Value	Label	Cases	Percentage
1	Agriculture, Fishing, etc.	431	17.0%
2	Mining and Quarrying	4	0.2%
3	Manufacturing	395	15.6%
4	Electricity, Gas and Water	33	1.3%
5	Construction	115	4.5%
6	Trade and Commerce	493	19.5%
7	Transport, Storage and Communication	125	4.9%
8	Services	754	29.8%
9	Economically Inactive	180	7.1%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #11 g03: Relationship to transferor

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*/9]
Statistics [NW/ W]	[Valid=2529 /-] [Invalid=1 /-]

Value	Label	Cases	Percentage
1	Spouse	97	3.8%
2	Son or Daughter	813	32.1%
3	Parents	1345	53.2%
4	Brother or Sister	150	5.9%
5	Other Relative	107	4.2%
6	Other Person	17	0.7%
9	Not reported, Unknown	1	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #12 g04: Occupation of transferee

Information	[Type= discrete] [Format=numeric] [Range= 1-999] [Missing=*/999/0]
Statistics [NW/ W]	[Valid=2000 /-] [Invalid=530 /-]

Frequency table not shown (283 Modalities)

### #13 g05: Industrial sector of transferee

Information	[Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*]
Statistics [NW/ W]	[Valid=2523 /-] [Invalid=7 /-]

Value	Label	Cases	Percentage
0	Not Reported, Unknown	44	1.7%
1	Agriculture, Fishing, etc.	604	23.9%
2	Mining and Quarrying	1	0.0%
3	Manufacturing	44	1.7%
4	Electricity, Gas and Water	1	0.0%
5	Construction	16	0.6%
6	Trade and Commerce	89	3.5%
7	Transport, Storage and Communication	12	0.5%
8	Services	165	6.5%
9	Economically Inactive	1547	61.3%
Sysmiss		7	

## File r7 - Payment Transfers (Transferor)

### #13 g05: Industrial sector of transferee

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #14 g06a: Address of transferee Changwat

**Information** [Type= discrete] [Format=numeric] [Range= 1-99] [Missing=\*/99]

**Statistics [NW/ W]** [Valid=2235 /-] [Invalid=295 /-]

*Frequency table not shown (92 Modalities)*

### #15 g06b: Address of transferee Community

**Information** [Type= discrete] [Format=numeric] [Range= 1-5] [Missing=\*]

**Statistics [NW/ W]** [Valid=2530 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Municipal area	1174	46.4%
2	Sanitary district	223	8.8%
3	Village	1048	41.4%
4	Not reported, Unknown	67	2.6%
5	Abroad	18	0.7%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #16 g07: Value of transfer payment last year: cash value

**Information** [Type= continuous] [Format=numeric] [Range= 1-9999999] [Missing=\*]

**Statistics [NW/ W]** [Valid=2495 /-] [Invalid=35 /-] [Mean=975.427 /-] [StdDev=2033.617 /-]

### #17 g08: Value of transfer payment last year: goods value

**Information** [Type= continuous] [Format=numeric] [Range= 1-9999999] [Missing=\*]

**Statistics [NW/ W]** [Valid=229 /-] [Invalid=2301 /-] [Mean=209.965 /-] [StdDev=438.993 /-]

### #18 g09: Value of transfer payment last month: cash value

**Information** [Type= continuous] [Format=numeric] [Range= 1-9999999] [Missing=\*]

**Statistics [NW/ W]** [Valid=1812 /-] [Invalid=718 /-] [Mean=1704.418 /-] [StdDev=3323.752 /-]

### #19 g10: Value of transfer payment last month: goods value

**Information** [Type= continuous] [Format=numeric] [Range= 1-9999999] [Missing=\*]

**Statistics [NW/ W]** [Valid=127 /-] [Invalid=2403 /-] [Mean=1284.992 /-] [StdDev=6291.61 /-]

### #20 g11: Purpose of Transfer

**Information** [Type= discrete] [Format=numeric] [Range= 1-3] [Missing=\*/3]

**Statistics [NW/ W]** [Valid=2525 /-] [Invalid=5 /-]

Value	Label	Cases	Percentage
1	For education	788	31.2%
2	For other purposes	1737	68.8%
3	Not reported	5	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #21 g12: Method of delivery

**Information** [Type= discrete] [Format=numeric] [Range= 1-6] [Missing=\*/6]

**Statistics [NW/ W]** [Valid=2523 /-] [Invalid=7 /-]

## File r7 - Payment Transfers (Transferor)

### #21 g12: Method of delivery

Value	Label	Cases	Percentage
1	Money order	782	31.0%
2	Account transfer	110	4.4%
3	Person to person	1471	58.3%
4	Passed by other persons	148	5.9%
5	Other methods	12	0.5%
6	Not reported	7	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #22 g13: Check last member

Information	[Type= discrete] [Format=numeric] [Range= 0-1] [Missing=*]		
Statistics [NW/ W]	[Valid=2530 /-] [Invalid=0 /-]		
Value	Label	Cases	Percentage
0	No	388	15.3%
1	Yes	2142	84.7%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

## File r8 - Consumption of Goods and Services

### #1 region: Region

Information	[Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*]		
Statistics [NW/ W]	[Valid=474849 /-] [Invalid=0 /-]		
Value	Label	Cases	Percentage
1	North	97514	20.5%
2	Northeast	107897	22.7%
3	Central (Excl. 5 & 6)	86690	18.3%
4	South	71206	15.0%
5	Bangkok Metropolis	97124	20.5%
6	Nonthaburi, Pathum Thani and Samut Prakan	14418	3.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #2 changwat: Changwat

Information	[Type= discrete] [Format=numeric] [Range= 1-21] [Missing=*]		
Statistics [NW/ W]	[Valid=474849 /-] [Invalid=0 /-]		
Value	Label	Cases	Percentage
1		112277	23.6%
2		41139	8.7%
3		31721	6.7%
4		18394	3.9%
5		12631	2.7%
6		16474	3.5%
7		26946	5.7%
8		19042	4.0%
9		33003	7.0%
10		17305	3.6%



## File r8 - Consumption of Goods and Services

### #2 changwat: Changwat

Value	Label	Cases	Percentage
11		27582	5.8%
12		15622	3.3%
13		16612	3.5%
14		17589	3.7%
15		20687	4.4%
16		14483	3.1%
17		11164	2.4%
18		10748	2.3%
19		6321	1.3%
20		1244	0.3%
21		3865	0.8%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #3 commun: Community

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]		
Statistics [NW/ W]	[Valid=474849 /-] [Invalid=0 /-]		
Value	Label	Cases	Percentage
1	Municipal area	192724	40.6%
2	Sanitary district	94937	20.0%
3	Village	187188	39.4%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #4 block: Block

Information	[Type= discrete] [Format=numeric] [Range= 1-248] [Missing=*]		
Statistics [NW/ W]	[Valid=474849 /-] [Invalid=0 /-]		
Frequency table not shown (248 Modalities)			

### #5 quarter: Quarter

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]		
Statistics [NW/ W]	[Valid=474849 /-] [Invalid=0 /-]		
Value	Label	Cases	Percentage
1	1st quarter	126424	26.6%
2	2nd quarter	116996	24.6%
3	3rd quarter	116182	24.5%
4	4th quarter	115247	24.3%

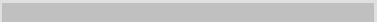
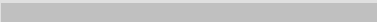
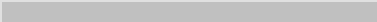
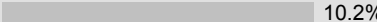
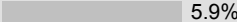
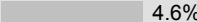
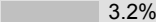





Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #6 hhno: Household number

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]		
Statistics [NW/ W]	[Valid=474849 /-] [Invalid=0 /-]		
Value	Label	Cases	Percentage
1		46822	9.9%
2		52050	11.0%
3		55787	11.7%

## File r8 - Consumption of Goods and Services

### #6 hhno: Household number

Value	Label	Cases	Percentage
4		57915	 12.2%
5		59833	 12.6%
6		58873	 12.4%
7		48580	 10.2%
8		27951	 5.9%
9		21973	 4.6%
10		15143	 3.2%
11		12218	 2.6%
12		9134	 1.9%
13		5820	 1.2%
14		2219	 0.5%
15		531	 0.1%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #7 record: Record number

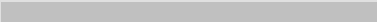
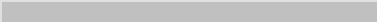
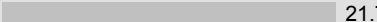
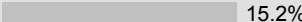
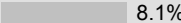










Information	[Type= discrete] [Format=numeric] [Range= 8-8] [Missing=*]
Statistics [NW/ W]	[Valid=474849 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
8		474849	 100.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #8 subrec: Subrecord number

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=474849 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1		118589	 25.0%
2		115756	 24.4%
3		103118	 21.7%
4		72362	 15.2%
5		38652	 8.1%
6		16658	 3.5%
7		6246	 1.3%
8		2248	 0.5%
9		756	 0.2%
10		302	 0.1%
11		117	 0.0%
12		24	 0.0%
13		9	 0.0%
14		9	 0.0%
15		3	 0.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #9 hno: Expenditure item number

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=474849 /-] [Invalid=0 /-]

## File r8 - Consumption of Goods and Services

### #9 hno: Expenditure item number

Value	Label	Cases	Percentage
1		58611	12.3%
2		57175	12.0%
3		55673	11.7%
4		54189	11.4%
5		52754	11.1%
6		51298	10.8%
7		49834	10.5%
8		48387	10.2%
9		46928	9.9%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #10 hg: HH Expenditure Group

Information	[Type= discrete] [Format=numeric] [Range= 201-950] [Missing=*]
Statistics [NW/ W]	[Valid=474849 /-] [Invalid=0 /-]

Frequency table not shown (37 Modalities)

### #11 hi: HH Expenditure Item, 5-digit

Information	[Type= discrete] [Format=numeric] [Range= 20101-95099] [Missing=*]
Statistics [NW/ W]	[Valid=474849 /-] [Invalid=0 /-]
Definition	5-digit expenditure item which is a combination of the 3-digit expenditure group and 2-digit expenditure item.

Frequency table not shown (469 Modalities)

### #12 hs: HH Expenditure Source

Information	[Type= discrete] [Format=numeric] [Range= 1-7] [Missing=*]
Statistics [NW/ W]	[Valid=474836 /-] [Invalid=13 /-]

Value	Label	Cases	Percentage
1	Bought in the market, bought on credit	448114	94.4%
2	Received free	4946	1.0%
3	Received as pay	3120	0.7%
4	Home produced	18584	3.9%
5	Food paid to domestic servant as wage	52	0.0%
6	Clothing paid to domestic servant as wage	9	0.0%
7	Other paid to domestic servant as wage	11	0.0%
Sysmiss		13	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #13 hv: HH Expenditure Value (Baht)

Information	[Type= continuous] [Format=numeric] [Range= 1-9999999] [Missing=*]
Statistics [NW/ W]	[Valid=474849 /-] [Invalid=0 /-] [Mean=236.821 /-] [StdDev=1865.82 /-]

Definition	Household Expenditures Total household expenditures include: (1) The amount spent to purchase goods and services used for living purposes, (2) The value of goods and services received as part of pay, home-produced and consumed (including rental value of owner-occupied dwelling), or received free from other sources, and (3) The amount spent for taxes, contributions, insurance premiums, lottery tickets, interest on debts, and other non-consumption items.
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## File r8 - Consumption of Goods and Services

### #13 hv: HH Expenditure Value (Baht)

Consumption expenditures are total household expenditures excluding non-consumption outlay in (3).

## File r9 - 7-day Food Consumption

### #1 region: Region

**Information** [Type= discrete] [Format=numeric] [Range= 1-6] [Missing=\*]

**Statistics [NW/ W]** [Valid=457387 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	North	95922	21.0%
2	Northeast	94958	20.8%
3	Central (Excl. 5 & 6)	96890	21.2%
4	South	74200	16.2%
5	Bangkok Metropolis	79106	17.3%
6	Nonthaburi, Pathum Thani and Samut Prakan	16311	3.6%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #2 changwat: Changwat

**Information** [Type= discrete] [Format=numeric] [Range= 1-21] [Missing=\*]

**Statistics [NW/ W]** [Valid=457387 /-] [Invalid=0 /-]

### #3 commun: Community

**Information** [Type= discrete] [Format=numeric] [Range= 1-3] [Missing=\*]

**Statistics [NW/ W]** [Valid=457387 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Municipal area	170312	37.2%
2	Sanitary district	97321	21.3%
3	Village	189754	41.5%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #4 block: Block

**Information** [Type= discrete] [Format=numeric] [Range= 1-248] [Missing=\*]

**Statistics [NW/ W]** [Valid=457387 /-] [Invalid=0 /-]

### #5 quarter: Quarter

**Information** [Type= discrete] [Format=numeric] [Range= 1-4] [Missing=\*]

**Statistics [NW/ W]** [Valid=457387 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	1st quarter	120798	26.4%
2	2nd quarter	114002	24.9%
3	3rd quarter	112508	24.6%
4	4th quarter	110079	24.1%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #6 hhno: Household number

**Information** [Type= discrete] [Format=numeric] [Range= 1-15] [Missing=\*]

**Statistics [NW/ W]** [Valid=457387 /-] [Invalid=0 /-]

## File r9 - 7-day Food Consumption

### #7 record: Record number

Information	[Type= discrete] [Format=numeric] [Range= 9-9] [Missing=*]
Statistics [NW/ W]	[Valid=457387 /-] [Invalid=0 /-]

### #8 subrec: Subrecord number

Information	[Type= discrete] [Format=numeric] [Range= 1-8] [Missing=*]
Statistics [NW/ W]	[Valid=457387 /-] [Invalid=0 /-]

### #9 ino: Food Item Number

Information	[Type= discrete] [Format=numeric] [Range= 1-11] [Missing=*]
Statistics [NW/ W]	[Valid=457387 /-] [Invalid=0 /-]

### #10 ig: Day Food Expenditure Group

Information	[Type= discrete] [Format=numeric] [Range= 10-24] [Missing=*]
Statistics [NW/ W]	[Valid=457387 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
10	Grain and cereal products	35951	7.9%
11	Meat and poultry	38620	8.4%
12	Fish and seafood	44645	9.8%
13	Milk products and eggs	26906	5.9%
14	Oils and fats	22453	4.9%
15	Fruits	30657	6.7%
16	Vegetables	112173	24.5%
17	Sugar and sweets	22215	4.9%
18	Spices condiments, etc., coffee and tea, etc.	57303	12.5%
19	Prepared food eaten at home	22062	4.8%
20	Beverages, non-alcoholic	10759	2.4%
21	Alcoholic beverages	3945	0.9%
22	Alcoholic, drunk away from home	1360	0.3%
23	Food, away from home	13971	3.1%
24	Tobacco products	14367	3.1%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #11 ii: Food Item

Information	[Type= discrete] [Format=numeric] [Range= 1001-2499] [Missing=*]
Statistics [NW/ W]	[Valid=457387 /-] [Invalid=0 /-]
Definition	4-digit food item which is a combination of the 2-digit day food expenditure group and 2-digit food item.

Frequency table not shown (197 Modalities)

### #12 is: Source

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=457341 /-] [Invalid=46 /-]

Value	Label	Cases	Percentage
1	Bought in the market, bought on credit	416663	91.1%
2	Received free	7890	1.7%
3	Received as pay	1367	0.3%
4	Home produced	31420	6.9%

## File r9 - 7-day Food Consumption

### #12 is: Source

Value	Label	Cases	Percentage
9		1	0.0%
Sysmiss		46	

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #13 iv: Value (Baht)

Information	[Type= continuous] [Format=numeric] [Range= 1-9999] [Missing=*]
Statistics [NW/ W]	[Valid=457387 /-] [Invalid=0 /-] [Mean=31.022 /-] [StdDev=59.672 /-]

## File r10 - Household Income

### #1 region: Region

Information	[Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*]
Statistics [NW/ W]	[Valid=95145 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	North	20921	22.0%
2	Northeast	23608	24.8%
3	Central (Excl. 5 & 6)	17747	18.7%
4	South	14841	15.6%
5	Bangkok Metropolis	15406	16.2%
6	Nonthaburi, Pathum Thani and Samut Prakan	2622	2.8%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #2 changwat: Changwat

Information	[Type= discrete] [Format=numeric] [Range= 1-21] [Missing=*]
Statistics [NW/ W]	[Valid=95145 /-] [Invalid=0 /-] [Mean=7.511 /-]

### #3 commun: Community

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=95145 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Municipal area	31280	32.9%
2	Sanitary district	19815	20.8%
3	Village	44050	46.3%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #4 block: Block

Information	[Type= discrete] [Format=numeric] [Range= 1-248] [Missing=*]
Statistics [NW/ W]	[Valid=95145 /-] [Invalid=0 /-]

### #5 quarter: Quarter

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=95145 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	1st quarter	24997	26.3%
2	2nd quarter	23743	25.0%
3	3rd quarter	23143	24.3%

## File r10 - Household Income

### #5 quarter: Quarter

Value	Label	Cases	Percentage
4	4th quarter	23262	24.4%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #6 hhno: Household number

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=95145 /-] [Invalid=0 /-] [Mean=4.802 /-]

### #7 record: Record number

Information	[Type= discrete] [Format=numeric] [Range= 10-10] [Missing=*]
Statistics [NW/ W]	[Valid=95145 /-] [Invalid=0 /-] [Mean=10 /-]

### #8 subrec: Subrecord number

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=95145 /-] [Invalid=0 /-] [Mean=1.001 /-]

### #9 jno: Item number

Information	[Type= discrete] [Format=numeric] [Range= 1-12] [Missing=*]
Statistics [NW/ W]	[Valid=95145 /-] [Invalid=0 /-] [Mean=4.348 /-]

### #10 jc: Household Income Group

Information	[Type= discrete] [Format=numeric] [Range= 301-912] [Missing=*]
Statistics [NW/ W]	[Valid=95145 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
301	Wages and salaries	8461	8.9%
311	Entrepreneurial income	3968	4.2%
312	Farm income	5445	5.7%
313	Roomers and boarders	126	0.1%
321	Land rent	148	0.2%
322	Other rent	56	0.1%
323	Interest and dividends	880	0.9%
331	Assistance and remittance	2938	3.1%
332	Pensions and annuities	188	0.2%
333	Scholarships and grants	13	0.0%
334	Terminal pay, etc.	7	0.0%
401	Food as part of pay	889	0.9%
402	Rent received as pay	1153	1.2%
403	Other goods received as pay	1252	1.3%
411	Home produced food	6718	7.1%
412	Owner-occupied home	9726	10.2%
413	Other home produced food	5424	5.7%
421	Crops received as rent	219	0.2%
431	Food received free	3537	3.7%
432	Rent received free	521	0.5%
433	Other goods received free	2461	2.6%
501	Money income	13170	13.8%

## File r10 - Household Income

### #10 jc: Household Income Group

Value	Label	Cases	Percentage
502	Income in kind	12360	13.0%
511	Proceeds from casualty insurance	7	0.0%
512	Proceeds from life insurance	15	0.0%
513	Lottery winnings	831	0.9%
514	Inheritance, bequests	143	0.2%
515	Other money receipts	179	0.2%
911	Total current income	13186	13.9%
912	Total other money receipts	1124	1.2%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #11 jv: Household Income Value (Baht)

Information	[Type= continuous] [Format=numeric] [Range= 0-999999] [Missing=*]
Statistics [NW/ W]	[Valid=95145 /-] [Invalid=0 /-] [Mean=2933.067 /-] [StdDev=9176.415 /-]
Definition	Household Income Total household income includes: (1) wages and salaries, tips, bonuses, etc., (2) net profits from farming and non-farming, (3) property income such as land rent, royalties, interest and dividends, (4) current transfer received such as assistance payments, pensions, scholarships and grants, (5) non-money income (income-in-kind), the value of goods and services received free from other sources, and (6) other money receipts, such as insurance proceeds, lottery winnings and other "windfall" receipts.

## File r11 - Energy Consumption

### #1 region: Region

Information		[Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*]	
Statistics [NW/ W]		[Valid=43555 /-] [Invalid=0 /-]	
Value	Label	Cases	Percentage
1	North	9591	<div></div> 22.0%
2	Northeast	10027	<div></div> 23.0%
3	Central (Excl. 5 & 6)	8752	<div></div> 20.1%
4	South	7361	<div></div> 16.9%
5	Bangkok Metropolis	6665	<div></div> 15.3%
6	Nonthaburi, Pathum Thani and Samut Prakan	1159	<div></div> 2.7%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #2 changwat: Changwat

Information	[Type= discrete] [Format=numeric] [Range= 1-21] [Missing=*]
Statistics [NW/ W]	[Valid=43555 /-] [Invalid=0 /-]

### #3 commun: Community

Information		[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]	
Statistics [NW/ W]		[Valid=43555 /-] [Invalid=0 /-]	
Value	Label	Cases	Percentage
1	Municipal area	15241	<div></div> 35.0%
2	Sanitary district	9301	<div></div> 21.4%
3	Village	19013	<div></div> 43.7%



## File r11 - Energy Consumption

### #3 commun: Community

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #4 block: Block

**Information** [Type= discrete] [Format=numeric] [Range= 1-248] [Missing=\*]

**Statistics [NW/ W]** [Valid=43555 /-] [Invalid=0 /-]

### #5 quarter: Quarter

**Information** [Type= discrete] [Format=numeric] [Range= 1-4] [Missing=\*]

**Statistics [NW/ W]** [Valid=43555 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	1st quarter	11288	25.9%
2	2nd quarter	10814	24.8%
3	3rd quarter	10815	24.8%
4	4th quarter	10638	24.4%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #6 hhno: Household number

**Information** [Type= discrete] [Format=numeric] [Range= 1-15] [Missing=\*]

**Statistics [NW/ W]** [Valid=43555 /-] [Invalid=0 /-]

### #7 record: Record number

**Information** [Type= discrete] [Format=numeric] [Range= 11-11] [Missing=\*]

**Statistics [NW/ W]** [Valid=43555 /-] [Invalid=0 /-]

### #8 subrec: Subrecord number

**Information** [Type= discrete] [Format=numeric] [Range= 1-1] [Missing=\*]

**Statistics [NW/ W]** [Valid=43555 /-] [Invalid=0 /-]

### #9 kno: Energy Item number

**Information** [Type= discrete] [Format=numeric] [Range= 1-8] [Missing=\*]

**Statistics [NW/ W]** [Valid=43555 /-] [Invalid=0 /-]

### #10 kc: Energy Consumption Code

**Information** [Type= discrete] [Format=numeric] [Range= 1-99] [Missing=\*]

**Statistics [NW/ W]** [Valid=43555 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Regular gasoline	4363	10.0%
2	Premium gasoline	780	1.8%
3	High speed diesel	506	1.2%
4	Low speed diesel	23	0.1%
5	Lubricating oil	1917	4.4%
6	Kerosene	1440	3.3%
7	LPG - cooking	3264	7.5%
8	LPG - vehicles	7	0.0%
9	LPG - others	9	0.0%
10	Charcoal	4207	9.7%
11	Wood	2934	6.7%

## File r11 - Energy Consumption

### #10 kc: Energy Consumption Code

Value	Label	Cases	Percentage
12	Electricity	11374	26.1%
99	Summary for checking	12731	29.2%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #11 kq: Energy Consumption Quantity

Information	[Type= continuous] [Format=numeric] [Range= 1-9999999] [Missing=*]
Statistics [NW/ W]	[Valid=43553 /-] [Invalid=2 /-] [Mean=833.031 /-] [StdDev=1426.504 /-]
Notes	There is 1 implicit decimal point for this variable.

### #12 kv: Energy Consumption Value (Baht)

Information	[Type= continuous] [Format=numeric] [Range= 1-99999] [Missing=*]
Statistics [NW/ W]	[Valid=43555 /-] [Invalid=0 /-] [Mean=236.237 /-] [StdDev=498.433 /-]

## File r12 - Summary Household Expenditures

### #1 region: Region

Information	[Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*]
Statistics [NW/ W]	[Valid=354294 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	North	71524	20.2%
2	Northeast	78191	22.1%
3	Central (Excl. 5 & 6)	68776	19.4%
4	South	55874	15.8%
5	Bangkok Metropolis	68834	19.4%
6	Nonthaburi, Pathum Thani and Samut Prakan	11095	3.1%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #2 changwat: Changwat

Information	[Type= discrete] [Format=numeric] [Range= 1-21] [Missing=*]
Statistics [NW/ W]	[Valid=354294 /-] [Invalid=0 /-]

### #3 commun: Community

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=354294 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	Municipal area	138286	39.0%
2	Sanitary district	71893	20.3%
3	Village	144115	40.7%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

### #4 block: Block

Information	[Type= discrete] [Format=numeric] [Range= 1-248] [Missing=*]
Statistics [NW/ W]	[Valid=354294 /-] [Invalid=0 /-]

### #5 quarter: Quarter

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]
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## File r12 - Summary Household Expenditures

### #5 quarter: Quarter

**Statistics [NW/ W]** [Valid=354294 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
1	1st quarter	92804	26.2%
2	2nd quarter	87546	24.7%
3	3rd quarter	87772	24.8%
4	4th quarter	86172	24.3%

*Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.*

### #6 hhno: Household number

**Information** [Type= discrete] [Format=numeric] [Range= 1-15] [Missing=\*]

**Statistics [NW/ W]** [Valid=354294 /-] [Invalid=0 /-]

### #7 record: Record number

**Information** [Type= discrete] [Format=numeric] [Range= 12-12] [Missing=\*]

**Statistics [NW/ W]** [Valid=354294 /-] [Invalid=0 /-]

### #8 subrec: Subrecord number

**Information** [Type= discrete] [Format=numeric] [Range= 1-5] [Missing=\*]

**Statistics [NW/ W]** [Valid=354294 /-] [Invalid=0 /-]

### #9 lno: HH Expenditure Item number

**Information** [Type= discrete] [Format=numeric] [Range= 1-12] [Missing=\*]

**Statistics [NW/ W]** [Valid=354294 /-] [Invalid=0 /-]

### #10 lc: Summary HH Expenditure Code

**Information** [Type= discrete] [Format=numeric] [Range= 10-902] [Missing=\*]

**Statistics [NW/ W]** [Valid=354294 /-] [Invalid=0 /-]

*Frequency table not shown (57 Modalities)*

### #11 lv: Summary HH Expenditure Value (Baht)

**Information** [Type= continuous] [Format=numeric] [Range= 1-999999] [Missing=\*]

**Statistics [NW/ W]** [Valid=354294 /-] [Invalid=0 /-] [Mean=714.258 /-] [StdDev=3016.541 /-]

**Definition**

Household Expenditures  
Total household expenditures include:

- (1) The amount spent to purchase goods and services used for living purposes
- (2) The value of goods and services received as part of pay, home-produced and consumed including rental value of owner-occupied dwelling), or received free from other sources, and
- (3) The amount spent for taxes, contributions, insurance premiums, lottery tickets, interest on debts and other non-consumption items

Consumption expenditures are total household expenditures excluding non-consumption outlay in (3).

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## Reports and analytical documents

**Household Socio-Economic Survey 1990, Study Documentation**, National Statistical Office, Kingdom of Thailand, October 2010, Thailand [tha], English [eng], "Doc\Technical\THA-1990-SES-Study Documentation.pdf"

**Report of The 1990 Household Socio-Economic Survey**, Economic Survey Division, National Statistical Office, Thailand [tha], Thai [tha], "Doc\Reports\Thailand Socio-Economic Survey (Thailand, 1990).pdf"

## Technical documents

**SES 1990 Data Dictionary**, Economic Survey Division, National Statistical Office, Thailand [tha], English [eng], "Doc\Technical\Socio-Economic Survey 1990 - Data Dictionary.pdf"

**Zipped Dictionary Files (used to convert ascii data to stata)**, Thailand [tha], English [eng], "Doc\Technical\dict.zip"

## Scripts and programs

**Data Extraction Program**, Thailand [tha], English [eng], "Programs\readdata90.do"

**Data reshape program**, Accelerated Data Program, May 2011, Thailand [tha], English [eng], "Programs\1990SES\_Restructure.do"

### Description

The do files reshapes data files r3 to r12 from wide to long formats. This was done for better documentation of the data files and to minimize file sizes of these records. The data files were transformed from flat to hierarchical format.