(Version 1.1)

Users' Manual for Handling Resampled Micro Data of Indonesian National Social Economic Survey (SUSENAS)

SUSENAS 2011/12

2018
The Institute of Statistical Mathematics (ISM)
and
Statistical Information Institute for Consulting and Analysis (SINFONICA)

History of revision of the manual

- ☐ Version 1.1 in March 2018:
  Revised based on the discussion.

- ☐ First draft version 1.0 in November 2017
  for the discussion in the workshop

CONTENTS

1. About this manual

1. This manual was prepared for users to use the next 80% resampled micro data set of Indonesian National Social Economic Survey (SUSENAS) 2011/12.

R data frame in R workspace of "Resampled.RData" (321MB)	CSV data	Contents	Number of cases	Number of variables
korrt80	korrt80.csv (59MB)	Core module: household data	228,245	90
korind80	korind80.csv (350MB)	Core module: individual data	894,660	127
food80	food80.csv (593MB)	Consumption module: food expenditure	6,822,367	19
kalori80	kalori80.csv (724MB)	Consumption module: food calorie	6,822,367	16
nonfood80	nonfood80.csv (493MB)	Consumption module: non-food expenditure	4,433,666	17
summary80	summary80.csv (35MB)	Consumption module: household-level summary	228,245	15

2. As for overall and survey process of SUSENAS, the manual "SUSENAS – Overall and Survey Process" was compiled.

3. The original micro data sets composed of all the samples were provided by BPS, Indonesia based on the Charter for Experimental Laboratory for Research Purpose Statistical Use of Micro Data. They were reorganized and resampled at the rate of 80% by Sinfonica.

4. The above resampled data sets are available through the Institute of Statistical Mathematics (ISM) both in R and CSV format. CSV files are readable by Excel as well as any statistical software.

5. This manual was first compiled in November 2017 by;

Hiroshige Furuta
Visiting Senior Research Fellow, Sinfonica

2. Outline of the survey

The below table describes the outline of the survey.

Objectives of the survey	To collect information on social and economic indicators yearly for entire provinces.
Topics covered by the survey	CORE questionnaire: HH characteristics and HH member characteristics, health, education, employment, fertility, housing, poverty alleviation program, ICT, source of household income MODULE questionnaire: food and beverages consumption, non-food expenditure, income, revenue, and expenditure of non-consumption
Frequency of the survey	Yearly since 1963. Quarterly since 2011 (*)
Survey period	Conducted quarterly in March, June, September and December. Reference period: a week for food and three months for non-food.
Coverage of the survey	Geographically, covered entire 33 provinces since 1964. All private households.
Sample design	Three stages sampling PSU: Enumeration area. Systematically selected 30,000 PSUs were divided for quarter consisted of 7,500 PSUs. SSU: A census block selected for each PSU using PPS. FSU: 10 households for each census block. In total, 300,000 households. Quarterly survey was designed for national and province level estimation. Yearly pooled data was designed for district level estimation.
Data collection method	Face to face
Data entry and data check	At regional office: Data entry and data check. At provincial office: Recheck and reinvestigation if necessary. At central office: Raw data was split into subject groups, and data check at the specific part of the questionnaire was conducted. Then all clean data was compiled.

Publication	The results of the SUSENAS 2011 first quarter were published in the form of three volumes, i.e., volume 1 consumption/expenditure at national level, volume 2 calories and protein consumption at national and the province level, and volume 3 consumption/expenditure at province level.

Note: Frequency of the survey is semester (6 months) from 2015 onward.
According to the Delegates from Indonesia, the survey design was changed responding the government's needs, especially of the President. The priority of survey design is placed on quick release of the detailed survey results at district level for the poverty measurement.

Map of Provinces

3. Data and metadata provided

✓ The following data files in compressed RAR format were provided by BPS in February 2014..

RAR format	Remarks
kor11rt.rar (10MB)	Core module: household data
kor11ind.rar (25.5MB)	Core module: individual data
blok41_exp.rar (99.6MB)	Consumption module: food expenditure
blok41_kalori.rar (82.0MB)	Consumption module: food calorie
blok42.rar (65.4MB)	Consumption module: non-food expenditure
blok43.rar (12.1MB)	Consumption module: household-level summary

In addition, the following documents were provided.

File name	Remarks
Kuesioner Susenas Kor Juni 2011 (English).pdf	Core module questionnaire in English
Kuesioner Susenas Module Konsumsi Juni	Consumption module questionnaire in English
VSEN11_K_Final.pdf	Core module questionnaire in local language
VSEN11_M_Final.pdf	Consumption module questionnaire in local language
Pedoman Pencacahan Kor Final 2011.pdf	Enumerator's manual for core module in local language
Layout Susenas Kor Module 2011.xls	in local language

☐ **Homepage of BPS**

Indonesia - National Socio-Economic Survey 2011 (Pooled)

http://microdata.bps.go.id/mikrodata/index.php/catalog/411 (Accessed on 21 August 2017)

Under the study description tab, abstract, scope and coverage are described in detail.

Overview

Abstract

Susenas (National Socio-economic Survey) was held for the first time in year 1963. In the last two decades, up to year 2010, Susenas was conducted every year. Susenas was designed to have 3 modules (Module of Household Consumption/Expenditure, Module of Education and Socio-culture, and also Module of Health and Housing) and each module should be conducted every 3 years. Household Consumption/ Expenditure Module of Susenas shall be conducted in year 2011 .

To improve the accuracy of data result and in line with the increased frequency of household consumption/expenditure data request for quarterly GDP/GRDP and poverty calculation, data collection of household consumption/expenditure, it is planned that starting in 2011 it should be held quarterly. Each year, collecting data shall be conducted in March, June, September, and December.

In accordance with the 5-year cycle, in year 2012, BPS (Central Statistical Agency) shall

have planned Survei Biaya Hidup-SBH (Cost of Living Survey) with the aim to generate a commodity package and a weigh diagram in the calculation of Consumer Price Index (CPI). Data of food and non-food consumption expenditures as well as household characteristics collected in SBH and Susenas has the same concept/definition, but different implementation time. In order to be more efficient in the utilization of resources of the two surveys and to have a better quality of results achieved, in year 2011 a trial of Susenas and SBH integration shall be conducted in 7 cities (Medan, Sampit, Denpasar, Kudus, Bulukumba, Tual, and South Jakarta).

Poverty data, CPI/Inflation data, GDP/GRDP are BPS strategic data that have to be released on time. Therefore, planning, field preparation, processing, and presentation of data Susenas 2011 activities and trial of integrating Susenas and SBH must be in accordance with the set schedule.

Activities of Susenas 2011 preparation shall be conducted in year 2010, covering activities of workshop/training of chief instructor with the aim to synchronize the perception toward the concept/definition as well as procedure and protocol of survey implementation. National instructor training will also be conducted in year 2010.

Units of Analysis
Household Members (Individual) and Household

Scope

Notes
The types of data collected by core questionnaires:

a. General description of household members ie name, relationship to the head of household, sex, age, marital status. Description of household members who are victims of crime. Description of household members who travel. Description birth certificate. and a description of household members who attend pre-school education.

b. Description of place of birth, residence 5 years ago and the presence of mother in the household.

c. Description of health include the state of people's health and infant health.

d. Description of education of household members above 5 years and access to the internet.

e. Specification employment activities of household members 10 years and over.

f. Description fertility for women have been married and how to prevent pregnancy for a woman is married.

g. Description of housing tenure include the residence, floor area, sources of drinking water, waste water facility is great, and so forth.

h. Other socioeconomic explanation, among others, include the use of facilities of poverty alleviation programs (free health care, raskin, sound card, use the credit facility), as well as household assets and guarantees.

i. Specification includes information and communications technology mastery home phone, cell phone (mobile phone), the number of mobile numbers and control computers.

The types of data collected by questionnaires consumption module include:

a. A description of the quantity and value of consumption of food, beverages, and tobacco both purchase and own production or delivery. Consumption of food, beverages and tobacco covers 215 commodities which are divided into 14 groups.

b. Information on household spending on non-food items, including housing and household facilities, miscellaneous goods and services, clothing, footwear and headgear, durable goods, taxes, fees, and insurance, as well as expenses for the purposes of the party and ceremony.

Keywords
Birth control, Children, Child health, Consumption (Economics), Income, Education, Employment, Family, Fertility, Health, Heatlh services, Housing, Information technology,

Indonesia, Literacy, Living standards, Mass media, Breast milk, Occupations, Internet, Married, Recreation, Energy, Poverty, Assets, Social conditions, Insurance, Transport, Victims of Crime, Water supply, Sector, Part, Chapter
Coverage

Geographic Coverage
National coverage, representative to the district level

Universe
Susenas 2011 cover 300,000 household sample spread all over Indonesia where each quarter distribute about 75,000 household sample (including 500 households additional sample for Survey in Maluku Province).

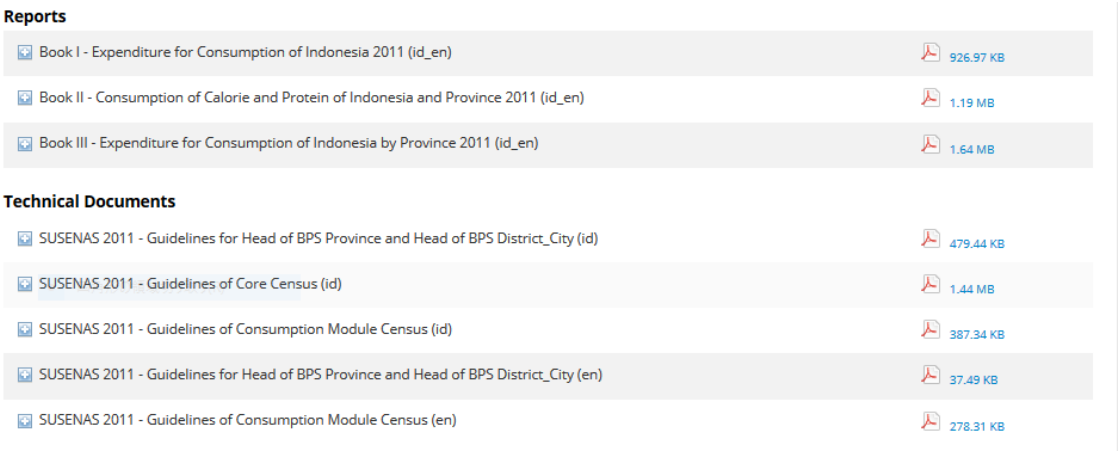
The result from each quarter can produce national and provincial level estimates. Meanwhile from the cumulative four quarter, the data can be presented until the district/municipality level.

☐ IHSN

Indonesia - Survei Sosial Ekonomi Nasional 2011, Pooled

http://catalog.ihsn.org/index.php/catalog/3035 (accessed on 19 August 2017)

The survey reports for the first quarter in 2011 and guidelines for local offices are provided in English.



Reports

Book I - Expenditure for Consumption of Indonesia 2011 (id_en)	926.97 KB
Book II - Consumption of Calorie and Protein of Indonesia and Province 2011 (id_en)	1.19 MB
Book III - Expenditure for Consumption of Indonesia by Province 2011 (id_en)	1.64 MB

Technical Documents

SUSENAS 2011 - Guidelines for Head of BPS Province and Head of BPS District_City (id)	479.44 KB
SUSENAS 2011 - Guidelines of Core Census (id)	1.44 MB
SUSENAS 2011 - Guidelines of Consumption Module Census (id)	387.34 KB
SUSENAS 2011 - Guidelines for Head of BPS Province and Head of BPS District_City (en)	37.49 KB
SUSENAS 2011 - Guidelines of Consumption Module Census (en)	278.31 KB

4. Data import

List of data files provided (SUSENAS 2011)

Compressed RAR-format		DBF-format		R data frame	dimension	unit of records
CORE module						
kor11rt.rar	10MB	kor11rt.dbf	70.8MB	kor11rt	285,307 x 89	Household
kor11ind.var	25.5MB	kor11ind.dbf	327MB	kor11ind	1,118,239 x 125	Individual
EXPENDITURE module						
blok41_exp.rar	99.6MB	blok41_exp.dbf	1.73GB	blok41.exp	11,656,558 x 18	Expenditure item of food
blok41_kalori.rar	82.0MB	blok41_kalori.dbf	1.45GB	blok41.kalori	11,656,558 x 15	Expenditure item of food
blok42.rar	65.4MB	blok42.dbf	754MB	blok42	6,714,271 x 16	Expenditure item of non-food
blok43.rar	12.1MB	blok43,dbf	43,7MB	blok43	285,307 x 14	Household

Strategy to import data files

1. To import DBF files into R. Be careful about a big DBF file such as 1.7 GB.

2. To use the variable of B1R7 as the household identifier.

3. The household weight is given as the variable of FWT in Core module data files, and as WERT in Consumption module data files.

kor11rt

```
> library(foreign)
> kor11rt<-read.dbf("kor11rt.dbf")
> dim(kor11rt)
[1] 285307     89

> colnames(kor11rt)
 [1] "B1R1"    "B1R2"    "B1R5"    "B1R7"    "B1R8"    "B1R11"   "B2R1"
 [8] "B2R2"    "B2R3"    "B2R4"    "B2R5"    "B4BR1"   "B4BR1A"  "B4BR1B"
[15] "B4BR1C"  "B4BR1D"  "B6R1"    "B6R2"    "B6R3"    "B6R4"    "B6R5"
[22] "B6R6"    "B6R7"    "B6R8"    "B6R9A"   "B6R9B"   "B6R10"   "B6R11"
[29] "B6R12A"  "B6R12B"  "B6R13A"  "B6R13B"  "B6R13C"  "B6R14A"  "B6R14B"
[36] "B6R15"   "B7R1A"   "B7R1B"   "B7R1BL"  "B7R2A"   "B7R2B"   "B7R2C"
[43] "B7R3A1"  "B7R3A2"  "B7R3A3"  "B7R3A4"  "B7R3A5"  "B7R3A6"  "B7R3A7"
[50] "B7R3A7L" "B7R3B"   "B7R4A"   "B7R4B"   "B7R4C"   "B7R4D"   "B7R4E"
[57] "B7R4F"   "B7R4G"   "B7R4H"   "B7R4I"   "B7R4J"   "B7R5A"   "B7R5BA"
[64] "B7R5BB"  "B7R5BC"  "B7R5BD"  "B7R5BE"  "B7R5BF"  "B7R5BG"  "B7R5BH"
[71] "B7R6A"   "B7R6B"   "B7R6C"   "B7R6D"   "B7R6E"   "B7R6F"   "B7R6G"
[78] "B8R1"    "B8R2A"   "B8R2B"   "B8R2C"   "B8R3A"   "B8R3B"   "B9R1A"
[85] "B9R1B"   "FWT"     "EXP_CAP" "KABU"    "SERIES"

# B1R7 (sample code number) is a unique household identifier.
> length(unique(kor11rt$B1R7))
[1] 285307

# FWT is the household weight. The estimated number of household is 62,630,214.
> sum(kor11rt$FWT)
[1] 62630214

# SERIES is also a unique identifier.
> length(unique(kor11rt$SERIES))
[1] 285307



> str(kor11rt)
'data.frame':   285307 obs. of  89 variables:
 $ B1R1   : num  11 11 11 11 11 11 11 11 11 11 ...
 $ B1R2   : num  1 1 1 1 1 1 1 1 1 1 ...
 $ B1R5   : num  1 1 1 1 1 1 1 1 1 1 ...
 $ B1R7   : num  2e+06 2e+06 2e+06 2e+06 2e+06 ...
 $ B1R8   : num  1 1 1 1 1 1 2 2 2 2 ...
 $ B1R11  : num  1 1 1 1 1 1 1 1 1 1 ...
 $ B2R1   : num  6 8 8 2 3 3 4 7 4 5 ...
 $ B2R2   : num  1 0 0 0 0 1 1 2 1 0 ...
 $ B2R3   : num  5 8 8 2 3 2 3 5 3 5 ...
 $ B2R4   : num  4 8 8 2 3 2 2 5 2 5 ...
 $ B2R5   : num  1 4 3 1 2 1 1 2 1 2 ...
 $ B4BR1  : num  2 2 2 2 2 2 2 2 2 2 ...
```

```
 $ B4BR1A : num  NA NA NA NA NA NA NA NA NA NA ...
 $ B4BR1B : num  NA NA NA NA NA NA NA NA NA NA ...
 $ B4BR1C : num  NA NA NA NA NA NA NA NA NA NA ...
 $ B4BR1D : num  NA NA NA NA NA NA NA NA NA NA ...
 $ B6R1   : num  1 2 1 1 1 1 1 1 1 1 ...
 $ B6R2   : num  1 2 1 1 1 1 1 1 1 1 ...
 $ B6R3   : num  1 1 1 1 1 1 1 1 5 1 ...
 $ B6R4   : num  1 1 1 1 1 1 1 1 NA 1 ...
 $ B6R5   : num  4 4 4 4 4 4 4 4 4 4 ...
 $ B6R6   : num  2 2 1 2 2 2 2 1 2 3 ...
 $ B6R7   : num  4 1 3 3 3 4 1 1 3 3 ...
 $ B6R8   : num  30 500 84 35 84 48 35 40 40 32 ...
 $ B6R9A  : num  7 2 11 2 2 2 5 2 1 5 ...
 $ B6R9B  : num  2 NA NA NA NA NA 1 NA NA 3 ...
 $ B6R10  : num  1 NA 1 NA NA NA 1 NA NA 1 ...
 $ B6R11  : num  3 1 3 1 1 1 3 1 1 1 ...
 $ B6R12A : num  7 5 11 4 11 11 5 3 11 5 ...
 $ B6R12B : num  3 3 3 3 3 3 3 2 3 3 ...
 $ B6R13A : num  4 1 1 1 1 3 1 1 1 1 ...
 $ B6R13B : num  NA 1 1 1 1 3 1 1 3 1 ...
 $ B6R13C : num  3 1 1 1 1 3 1 1 3 1 ...
 $ B6R14A : num  1 1 1 1 1 1 1 1 1 1 ...
 $ B6R14B : num  6 3 2 1 4 1 1 3 3 2 ...
 $ B6R15  : num  7 4 4 4 4 4 4 4 4 4 ...
 $ B7R1A  : num  2 1 2 1 1 2 2 2 2 2 ...
 $ B7R1B  : num  NA 1 NA 1 1 NA NA NA NA NA ...
 $ B7R1BL : Factor w/ 1213 levels "-","ABBRI","ABCD",..: NA NA NA NA NA NA NA NA NA
NA ...
 $ B7R2A  : num  2 2 2 1 2 2 1 2 2 2 ...
 $ B7R2B  : num  NA NA NA 15 NA NA 10 NA NA NA ...
 $ B7R2C  : num  NA NA NA 1700 NA NA 2150 NA NA NA ...
 $ B7R3A1 : num  2 2 2 2 2 2 2 2 2 2 ...
 $ B7R3A2 : num  2 2 2 2 2 2 2 2 2 2 ...
 $ B7R3A3 : num  2 2 2 2 2 2 2 2 2 2 ...
 $ B7R3A4 : num  2 2 2 2 2 2 2 2 2 2 ...
 $ B7R3A5 : num  2 2 2 2 2 2 2 2 2 2 ...
 $ B7R3A6 : num  2 2 2 2 2 2 2 2 2 2 ...
 $ B7R3A7 : num  2 2 2 2 2 2 2 2 2 2 ...
 $ B7R3A7L: Factor w/ 830 levels "AANDEL","ADIRA",..: NA NA NA NA NA NA NA NA NA
NA ...
 $ B7R3B  : num  NA NA NA NA NA NA NA NA NA NA ...
 $ B7R4A  : num  2 2 2 2 2 2 2 2 1 2 ...
 $ B7R4B  : num  2 1 1 1 2 1 1 1 1 1 ...
 $ B7R4C  : num  2 2 2 2 2 2 2 2 2 2 ...
 $ B7R4D  : num  2 2 1 1 2 2 2 2 2 1 ...
 $ B7R4E  : num  2 2 2 2 2 2 2 2 2 2 ...
 $ B7R4F  : num  2 1 1 2 1 2 2 1 1 1 ...
 $ B7R4G  : num  2 2 1 2 2 2 2 2 2 2 ...
 $ B7R4H  : num  2 1 1 2 1 1 2 1 1 1 ...
 $ B7R4I  : num  2 1 2 2 2 2 1 2 2 2 ...
```

```
$ B7R4J  : num  2 2 2 2 2 2 2 2 2 2 ...
$ B7R5A  : num  2 1 1 1 1 1 1 1 2 1 ...
$ B7R5BA : num  2 NA NA NA NA NA NA NA 1 NA ...
$ B7R5BB : num  2 NA NA NA NA NA NA NA 2 NA ...
$ B7R5BC : num  2 NA NA NA NA NA NA NA 2 NA ...
$ B7R5BD : num  1 NA NA NA NA NA NA NA 2 NA ...
$ B7R5BE : num  2 NA NA NA NA NA NA NA 2 NA ...
$ B7R5BF : num  2 NA NA NA NA NA NA NA 2 NA ...
$ B7R5BG : num  2 NA NA NA NA NA NA NA 2 NA ...
$ B7R5BH : num  2 NA NA NA NA NA NA NA 2 NA ...
$ B7R6A  : num  2 2 2 2 2 1 2 2 2 2 ...
$ B7R6B  : num  2 2 2 2 2 2 2 2 2 2 ...
$ B7R6C  : num  2 2 2 2 2 2 2 2 1 2 ...
$ B7R6D  : num  2 2 2 2 2 2 2 2 2 2 ...
$ B7R6E  : num  2 2 2 1 1 2 1 2 2 2 ...
$ B7R6F  : num  2 2 2 2 2 2 2 2 2 2 ...
$ B7R6G  : num  2 2 2 2 2 2 2 2 2 2 ...
$ B8R1   : num  2 2 2 2 2 1 2 2 2 2 ...
$ B8R2A  : num  1 1 1 1 1 2 1 1 1 1 ...
$ B8R2B  : num  1 7 7 2 3 NA 2 5 2 3 ...
$ B8R2C  : num  4 7 7 2 3 NA 2 5 2 3 ...
$ B8R3A  : num  2 2 1 2 2 1 2 2 2 2 ...
$ B8R3B  : num  2 2 1 2 2 2 2 1 2 2 ...
$ B9R1A  : num  4 3 11 8 11 18 4 18 17 11 ...
$ B9R1B  : num  2 1 1 1 2 1 2 1 1 2 ...
$ FWT    : num  50.5 61.9 55.1 65.9 64.6 ...
$ EXP_CAP: num  366071 719905 419555 1022717 507294 ...
$ KABU   : num  1101 1101 1101 1101 1101 ...
$ SERIES : num  6.62e+10 8.82e+10 2.21e+10 6.62e+10 8.82e+10 ...
```

kor11ind

```
> kor11ind<-read.dbf("kor11ind.dbf")
> dim(kor11ind)
[1] 1118239     125

> colnames(kor11ind)
  [1] "B1R1"    "B1R2"    "B1R5"    "B1R7"    "B1R8"    "NART"    "B1R11"
  [8] "HB"      "JK"      "UMUR"    "KWN"     "JAHAT1"  "JAHAT2"  "PERGI1"
 [15] "PERGI2"  "PERGI3"  "AKTE1"   "AKTE2"   "PRASKL1" "PRASKL2" "PRASKL3"
 [22] "PRASKL4" "B5_TL1"  "B5_TL2"  "B5_TT1"  "B5_TT2"  "B5_IBU"  "B5_INFO"
 [29] "B5R1A"   "B5R1B"   "B5R1C"   "B5R1D"   "B5R1E"   "B5R1F"   "B5R1G"
 [36] "B5R1H"   "B5R2"    "B5R3"    "B5R4A"   "B5R4B1"  "B5R4B2"  "B5R4B3"
 [43] "B5R5"    "B5R6A"   "B5R6B"   "B5R6C"   "B5R6D"   "B5R6E"   "B5R6F"
 [50] "B5R6G"   "B5R6H"   "B5R7"    "B5R8"    "B5R9A"   "B5R9B"   "B5R9C"
 [57] "B5R9D"   "B5R9E"   "B5R9F"   "B5R10A"  "B5R10B"  "B5R11A"  "B5R11B"
 [64] "B5R12A"  "B5R12B"  "B5R12C"  "B5R12D"  "B5R12E"  "B5R13A"  "B5R13B1"
 [71] "B5R13B2" "B5R13B3" "B5R14"   "B5R15"   "B5R16"   "B5R17"   "B5R18A"
 [78] "B5R18B"  "B5R19A"  "B5R19B"  "B5R19C"  "B5R20"   "B5R21A"  "B5R21B"
 [85] "B5R21C"  "B5R21D"  "B5R21E"  "B5R21F"  "B5R22"   "B5R23A"  "B5R23B"
 [92] "B5R24A1" "B5R24A2" "B5R24A3" "B5R24A4" "B5R24B"  "B5R25"   "B5R26"
 [99] "B5R27A"  "B5R27B"  "B5R28A"  "B5R28B"  "B5R29"   "B5R30"   "B5R31"
[106] "B5R32"   "B5R33"   "B5R34A1" "B5R34A2" "B5R34A3" "B5R34B1" "B5R34B2"
[113] "B5R34B3" "B5R34C1" "B5R34C2" "B5R34C3" "B5R35"   "B5R36"   "B5R37"
[120] "B5R38"   "B5R38L"  "FWT"     "EXP_CAP" "KABU"    "SERIES"

# B1R7 (sample code number)  is the unique household identifier, and compatible with
B1R7 in kor11rt.
> length(unique(kor11ind$B1R7))
[1] 285307
> table(unique(kor11ind$B1R7)==unique(kor11rt$B1R7))
  TRUE
285307

# The estimated number of household members is 241,133,719.
kor11ind$FWT)
[1] 241133719


# B2R1 (household size) in kor11rt is equal to the number of household members within
the household.

> t<-tapply(kor11ind$NART,kor11ind$B1R7,length)
> length(t)
[1] 285307
> s<-kor11rt[order(kor11rt$B1R7),]
> table(t==s$B2R1)
  TRUE
285307
```

```
# SERIES is a unique identifier of the sample household.
> length(unique(kor11ind$SERIES))
[1] 285307


# The combination of B1R7 and NART is a unique person identifier.
> kor11ind$PID<-kor11ind$B1R7*100+kor11ind$NART
> length(unique(kor11ind$PID))
[1] 1118239



# Structure of the data frame
# All variables of kor11ind are numeric.

> n<-0
> for(j in 1:ncol(kor11ind)){
+ if(mode(kor11ind[,j])=="numeric") n<-n+1
+ }
> n
[1] 125
```

blok41.exp : food expenditure

```
> blok41.exp<-read.dbf("blok41_exp.dbf")

> dim(blok41.exp)
[1] 11656558       18

> colnames(blok41.exp)
 [1] "B1R1"   "B1R2"   "B1R5"   "B1R7"   "B1R8"   "KODE"   "B2R1"   "KLP"
 [9] "B41K4"  "B41K5"  "B41K6"  "B41K7"  "B41K8"  "B41K9"  "RH"     "WERT"
[17] "WEIND"  "SERIES"


> str(blok41.exp)
'data.frame':   11656558 obs. of  18 variables:
 $ B1R1  : int  11 11 11 11 11 11 11 11 11 11 ...
 $ B1R2  : int  1 1 1 1 1 1 1 1 1 1 ...
 $ B1R5  : int  1 1 1 1 1 1 1 1 1 1 ...
 $ B1R7  : num  2e+06 2e+06 2e+06 2e+06 2e+06 ...
 $ B1R8  : int  1 1 1 1 1 1 1 1 1 1 ...
 $ KODE  : int  1 2 20 21 53 54 85 97 108 110 ...
 $ B2R1  : int  6 6 6 6 6 6 6 6 6 6 ...
 $ KLP   : int  0 1 0 20 0 53 0 85 85 85 ...
 $ B41K4 : num  7 7 0 0 1 1 7 0 2 5 ...
 $ B41K5 : num  67000 67000 0 0 61000 61000 20000 0 3000 17000 ...
 $ B41K6 : num  0 0 4 4 0 0 0.5 0.5 0 0 ...
 $ B41K7 : num  0 0 55000 55000 0 0 3000 3000 0 0 ...
 $ B41K8 : num  7 7 4 4 1 1 7.5 0.5 2 5 ...
 $ B41K9 : num  67000 67000 55000 55000 61000 61000 23000 3000 3000 17000 ...
 $ RH    : num  0 11000 0 20000 0 70000 0 10000 2000 4000 ...
 $ WERT  : num  50.5 50.5 50.5 50.5 50.5 ...
 $ WEIND : num  303 303 303 303 303 ...
 $ SERIES: num  6.62e+10 6.62e+10 6.62e+10 6.62e+10 6.62e+10 ...


> head(blok41.exp)
  B1R1 B1R2 B1R5    B1R7 B1R8 KODE B2R1 KLP B41K4 B41K5 B41K6 B41K7 B41K8 B41K9
1   11    1    1 2003746    1    1    6   0     7 67000     0     0     7 67000
2   11    1    1 2003746    1    2    6   1     7 67000     0     0     7 67000
3   11    1    1 2003746    1   20    6   0     0     0     4 55000     4 55000
4   11    1    1 2003746    1   21    6  20     0     0     4 55000     4 55000
5   11    1    1 2003746    1   53    6   0     1 61000     0     0     1 61000
6   11    1    1 2003746    1   54    6  53     1 61000     0     0     1 61000
     RH  WERT WEIND      SERIES
1     0 50.45 302.7 66183730380
2 11000 50.45 302.7 66183730380
3     0 50.45 302.7 66183730380
4 20000 50.45 302.7 66183730380
5     0 50.45 302.7 66183730380
6 70000 50.45 302.7 66183730380

> length(unique(blok41.exp$B1R7))
```

```
[1] 285307


# KODE is the food item codes including subtotal codes. (1-229)
> d<-blok41.exp
> range(d$KODE)
[1]   1 229

# KLP: food group codes
> klp.no<-unique(d$KLP)
> klp.no<-klp.no[order(klp.no)]
> klp.no
 [1]   0   1  10  20  53  71  85 115 127 151 158 167 181 191 223

# if KLP=0, the KODE is subtotal.
# if KLP>0, KLP represents the subgroup which the KODE belongs to.

# Example
> d[d$B1R7==2003746,c("B1R7","KODE","KLP","B41K9")]
      B1R7 KODE KLP B41K9
1  2003746    1   0 67000  # subtotal
2  2003746    2   1 67000
3  2003746   20   0 55000  # subtotal
4  2003746   21  20 55000
5  2003746   53   0 61000  # subtotal
6  2003746   54  53 61000
7  2003746   85   0 23000  # subtotal
8  2003746   97  85  3000
9  2003746  108  85  3000
10 2003746  110  85 17000
11 2003746  151   0 14000  # subtotal
12 2003746  155 151 14000
13 2003746  167   0   900  # subtotal
14 2003746  168 167   900
15 2003746  181   0 18000  # subtotal
16 2003746  182 181 18000
17 2003746  223   0 30000  # subtotal
18 2003746  224 223 30000
```

- Consistency check between subtotal and sum of items

```
# Records of subtotal
> x<-subset(blok41.exp,KLP==0)

# Sum of subtotal records at household level
> xfood<-tapply(x$B41K9,x$B1R7,sum)
> dim(xfood)
[1] 285307

# Records of items, excluding subtotal.
> y<-subset(blok41.exp,KLP>0)

# Sum of items at household level
> yfood<-tapply(y$B41K9,y$B1R7,sum)

# Comparison between xfood and yfood
> table(xfood==yfood)
  TRUE
285307
```

blok41.karoli : food calorie

```
> blok41.kalori<-read.dbf("blok41_kakori.dbf")

> dim(blok41.kalori)
[1] 11656558       15

> colnames(blok41.kalori)
 [1] "B1R1"    "B1R2"    "B1R5"    "B1R7"    "B1R8"    "KODE"    "B2R1"    "KLP"
 [9] "KALORI"  "PROTEIN" "LEMAK"   "KARBO"   "WERT"    "WEIND"   "SERIES"


> str(blok41.kalori)
'data.frame':   11656558 obs. of  15 variables:
 $ B1R1   : int  11 11 11 11 11 11 11 11 11 11 ...
 $ B1R2   : int  1 1 1 1 1 1 1 1 1 1 ...
 $ B1R5   : int  1 1 1 1 1 1 1 1 1 1 ...
 $ B1R7   : int  2003746 2003746 2003746 2003746 2003746 2003746 2003746 2003746
2003746 2003746 ...
 $ B1R8   : int  1 1 1 1 1 1 1 1 1 1 ...
 $ KODE   : int  1 2 20 21 53 54 85 97 108 110 ...
 $ B2R1   : int  6 6 6 6 6 6 6 6 6 6 ...
 $ KLP    : int  0 1 0 20 0 53 0 85 85 85 ...
 $ KALORI : num  25354 25354 3488 3488 2070 ...
 $ PROTEIN: num  593 593 544 544 188 ...
 $ LEMAK  : num  102 102 128 128 140 ...
 $ KARBO  : num  5428 5428 0 0 0 ...
 $ WERT   : num  50.5 50.5 50.5 50.5 50.5 ...
 $ WEIND  : num  303 303 303 303 303 ...
 $ SERIES : num  6.62e+10 6.62e+10 6.62e+10 6.62e+10 6.62e+10 ...
 - attr(*, "data_types")= chr  "N" "N" "N" "N" ...


> head(blok41.kalori)
  B1R1 B1R2 B1R5    B1R7 B1R8 KODE B2R1 KLP KALORI PROTEIN LEMAK  KARBO     WERT
1   11    1    1 2003746    1    1    6   0  25354  593.25 101.5 5428.5 50.45023
2   11    1    1 2003746    1    2    6   1  25354  593.25 101.5 5428.5 50.45023
3   11    1    1 2003746    1   20    6   0   3488  544.00 128.0    0.0 50.45023
4   11    1    1 2003746    1   21    6  20   3488  544.00 128.0    0.0 50.45023
5   11    1    1 2003746    1   53    6   0   2070  188.00 140.0    0.0 50.45023
6   11    1    1 2003746    1   54    6  53   2070  188.00 140.0    0.0 50.45023
     WEIND      SERIES
1 302.7014 66183730380
2 302.7014 66183730380
3 302.7014 66183730380
4 302.7014 66183730380
5 302.7014 66183730380
6 302.7014 66183730380

> length(unique(blok41.kalori$B1R7))
[1] 285307
```

The records of blok41.karli correspond to the records of blok41.exp.

```
> x<-with(blok41.exp,B1R1*1000+KODE)
> y<-with(blok41.kalori,B1R7*1000+KODE)
> table(x==y)
    TRUE
11656558
```

blok42 : non-food expenditure

```
> blok42<-read.dbf("blok42.dbf")

> dim(blok42)
[1] 6714271      16

> colnames(blok42)
 [1] "B1R1"   "B1R2"   "B1R5"   "B1R7"   "B1R8"   "KODE"   "B2R1"   "KLP"    "B42K2"
[10] "B42K3"  "B42K4"  "B42K5"  "B42K6"  "WERT"   "WEIND"  "SERIES"


> str(blok42)
'data.frame':   6714271 obs. of  16 variables:
 $ B1R1  : int  11 11 11 11 11 11 11 11 11 11 ...
 $ B1R2  : int  1 1 1 1 1 1 1 1 1 1 ...
 $ B1R5  : int  1 1 1 1 1 1 1 1 1 1 ...
 $ B1R7  : int  2003746 2003746 2003746 2003746 2003746 2003746 2003746 2003746
2003746 2003746 ...
 $ B1R8  : int  1 1 1 1 1 1 1 1 1 1 ...
 $ KODE  : int  230 232 238 254 255 257 261 262 263 264 ...
 $ B2R1  : int  6 6 6 6 6 6 6 6 6 6 ...
 $ KLP   : int  0 230 230 230 230 230 0 261 261 261 ...
 $ B42K2 : num  3 3 15 0 0 0 0 0 0 0 ...
 $ B42K3 : int  374000 291000 12000 44000 0 27000 299000 24000 0 15000 ...
 $ B42K4 : int  383000 291000 11000 44000 10000 27000 304000 27000 10000 19000 ...
 $ B42K5 : int  376000 291000 14000 44000 0 27000 1032000 11000 19000 19000 ...
 $ B42K6 : int  1133000 873000 37000 132000 10000 81000 1635000 62000 29000 53000 ...
 $ WERT  : num  50.5 50.5 50.5 50.5 50.5 ...
 $ WEIND : num  303 303 303 303 303 ...
 $ SERIES: num  6.62e+10 6.62e+10 6.62e+10 6.62e+10 6.62e+10 ...
 - attr(*, "data_types")= chr  "N" "N" "N" "N" ...


> head(blok42)
  B1R1 B1R2 B1R5    B1R7 B1R8 KODE B2R1 KLP B42K2  B42K3  B42K4  B42K5   B42K6     WERT
1   11    1    1 2003746    1  230    6   0     3 374000 383000 376000 1133000 50.45023
2   11    1    1 2003746    1  232    6 230     3 291000 291000 291000  873000 50.45023
3   11    1    1 2003746    1  238    6 230    15  12000  11000  14000   37000 50.45023
4   11    1    1 2003746    1  254    6 230     0  44000  44000  44000  132000 50.45023
5   11    1    1 2003746    1  255    6 230     0      0  10000      0   10000 50.45023
6   11    1    1 2003746    1  257    6 230     0  27000  27000  27000   81000 50.45023
     WEIND      SERIES
1 302.7014 66183730380
2 302.7014 66183730380
3 302.7014 66183730380
4 302.7014 66183730380
5 302.7014 66183730380
6 302.7014 66183730380

> length(unique(blok42$B1R7))
[1] 285307
```

- Consistency check between subtotal and sum of items

```
> x<-subset(blok42,KLP==0)
> xnfood<-tapply(x$B42K6,x$B1R7,sum)
> dim(xfood)
[1] 285307
> y<-subset(blok42,KLP>0)
> ynfood<-tapply(y$B42K6,y$B1R7,sum)
> table(xfood==yfood)
  TRUE
285307
```

blok43 : household-level summary

```
> blok43<-read.dbf("blok43.dbf")

> dim(blok43)
[1] 285307     14

> colnames(blok43)
 [1] "B1R1"   "B1R2"   "B1R5"   "B1R7"   "B1R8"   "B2R1"   "KALORI" "FOOD"   "NFOOD"
[10] "EXPEND" "KAPITA" "WERT"   "WEIND"  "SERIES"


> str(blok43)
'data.frame':   285307 obs. of  14 variables:
 $ B1R1  : int  11 11 11 11 11 11 11 11 11 11 ...
 $ B1R2  : int  1 1 1 1 1 1 1 1 1 1 ...
 $ B1R5  : int  1 1 1 1 1 1 1 1 1 1 ...
 $ B1R7  : int  2003746 2003700 2003690 2003730 2003720 2003710 2003747 2003783
2003701 2003691 ...
 $ B1R8  : int  1 1 1 1 1 1 2 2 2 2 ...
 $ B2R1  : int  6 8 8 2 3 3 4 7 4 5 ...
 $ KALORI: num  1118 1918 1288 2276 1948 ...
 $ FOOD  : num  1152429 4268571 1825286 1275000 700714 ...
 $ NFOOD : num  1044000 1490667 1531153 770433 821167 ...
 $ EXPEND: num  2196429 5759238 3356439 2045433 1521881 ...
 $ KAPITA: num  366071 719905 419555 1022717 507294 ...
 $ WERT  : num  50.5 61.9 55.1 65.9 64.6 ...
 $ WEIND : num  303 495 441 132 194 ...
 $ SERIES: num  6.62e+10 8.82e+10 2.21e+10 6.62e+10 8.82e+10 ...
 - attr(*, "data_types")= chr  "N" "N" "N" "N" ...


> head(blok43)
  B1R1 B1R2 B1R5    B1R7 B1R8 B2R1   KALORI      FOOD     NFOOD  EXPEND    KAPITA
1   11    1    1 2003746    1    6 1118.304 1152428.6 1044000.0 2196429  366071.4
2   11    1    1 2003700    1    8 1918.204 4268571.4 1490666.7 5759238  719904.8
3   11    1    1 2003690    1    8 1288.168 1825285.7 1531153.3 3356439  419554.9
4   11    1    1 2003730    1    2 2275.696 1275000.0  770433.3 2045433 1022716.7
5   11    1    1 2003720    1    3 1948.319  700714.3  821166.7 1521881  507293.7
6   11    1    1 2003710    1    3 3032.657 2312142.9 1720675.0 4032818 1344272.6
      WERT    WEIND      SERIES
1 50.45023 302.7014 66183730380
2 61.90950 495.2760 88242948000
3 55.14486 441.1588 22060626900
4 65.87309 131.7462 66183201900
5 64.60864 193.8259 88243828800
6 59.81643 179.4493 22060847100

> length(unique(blok43$B1R7))
[1] 285307
```

5. Data Check

Summary

- Comparing with the provided file layout, the variable of survey quarter, TRIWULAN might be deleted from household file (kor11rt). The consumption pattern differs by survey quarters. Therefore, resampling of micro data without considering survey quarter might cause the fatal problem. That is, it might distort the yearly average consumption pattern. Also, without the data of survey quarter, it is difficult to assess the quality of the resampled micro data.

  According to the Delegates from Indonesia for 2017 WS, it is the policy of BPS that the variable of survey quarter is missing. There are two types of SUSENAS 2011 data set to be provided for users. One is SUSENAS 2011 Pooled without the variable of survey quarter but with variables of province and district, in order to avoid misuse by users. Districts within a province are divided into four groups depending on the survey quarter. Therefore, the province-level results by survey quarter represent only the results of the respective district groups.
  The other data set is SUSENAS 2011 first quarter or SUSENAS 2011 third quarter, with the variables of survey month and province, but without the variable of district. However, the second quarter and the fourth quarter are not available.

- Comparing with the questionnaire, the two area variables, B1R3 (Subregency) and B1R4 (Village) might be missing in the provided micro data, which are very important and useful information for small area analysis.

- The module questionnaire includes questions on expenditure as well as income. However, income data is neither included in the provided data set, nor published.

  According to the Delegates from Indonesia, BPS are not confident about publishing quality and reliable income data. Followings are several reasons from not including household income in SUSENAS data sets;
  -We know that household income information from respondents is not fully addressed for various reasons such as taxes or government assistance.
  -Data from household income is used as one of the formation of household balance sheets in the national balance sheet system from various other data on household income such as data from banks, financial institutions and others. Household income data from SUSENAS still need to be explored more deeply to represent overall household income. Estimates of household income from self-production (fruits or vegetables from their own gardens) are one of the other

problems.
- Household income is also the sum of all individual income within the household and the respondent does not know the income of other household members (the estimate is low).

- Household identifier:
  The variable of B1R7 (sample code number) will be used as the unique household identifier.
  The another option will be the variable of SERIES which is 13-digits number

  According to the Delegates for 2017 WS, BPS later generated the unique variable URUT as a household identifier.

- Weight:
  The household weight variable is given as FWT in core data files, and as WERT in module data files.
  The individual weight variable WEIND in module data files is the product of WERT and B2R1 (household size).

  Note: In the previous SUSENAS 2006, the individual weight was defined differently.

kor11rt : household data

```
> summary(kor11rt)
      B1R1            B1R2            B1R5            B1R7            B1R8
 Min.   :11.00   Min.   : 1.00   Min.   :1.000   Min.   :2003602   Min.   : 1.00
 1st Qu.:18.00   1st Qu.: 4.00   1st Qu.:1.000   1st Qu.:2074929   1st Qu.: 3.00
 Median :35.00   Median : 9.00   Median :2.000   Median :2146255   Median : 5.00
 Mean   :42.15   Mean   :21.73   Mean   :1.589   Mean   :2146255   Mean   : 5.49
 3rd Qu.:63.00   3rd Qu.:23.00   3rd Qu.:2.000   3rd Qu.:2217582   3rd Qu.: 8.00
 Max.   :94.00   Max.   :79.00   Max.   :2.000   Max.   :2288908   Max.   :10.00

     B1R11           B2R1            B2R2            B2R3            B2R4
 Min.   :1   Min.   : 1.000   Min.   :0.0000   Min.   : 1.000   Min.   : 1.000
 1st Qu.:1   1st Qu.: 3.000   1st Qu.:0.0000   1st Qu.: 2.000   1st Qu.: 2.000
 Median :1   Median : 4.000   Median :0.0000   Median : 3.000   Median : 3.000
 Mean   :1   Mean   : 3.919   Mean   :0.3722   Mean   : 3.547   Mean   : 3.127
 3rd Qu.:1   3rd Qu.: 5.000   3rd Qu.:1.0000   3rd Qu.: 4.000   3rd Qu.: 4.000
 Max.   :1   Max.   :25.000   Max.   :7.0000   Max.   :25.000   Max.   :25.000

      B2R5            B4BR1           B4BR1A          B4BR1B          B4BR1C
 Min.   : 0.000   Min.   :1.000   Min.   :0.00    Min.   :0.00    Min.   :0.00
 1st Qu.: 1.000   1st Qu.:2.000   1st Qu.:1.00    1st Qu.:0.00    1st Qu.:0.00
 Median : 2.000   Median :2.000   Median :1.00    Median :0.00    Median :0.00
 Mean   : 1.861   Mean   :1.991   Mean   :0.98    Mean   :0.09    Mean   :0.18
 3rd Qu.: 2.000   3rd Qu.:2.000   3rd Qu.:1.00    3rd Qu.:0.00    3rd Qu.:0.00
 Max.   :19.000   Max.   :2.000   Max.   :9.00    Max.   :3.00    Max.   :3.00
                                  NA's   :282828  NA's   :282828  NA's   :282828
     B4BR1D           B6R1            B6R2            B6R3            B6R4
 Min.   :0.00    Min.   :1.000   Min.   :1.000   Min.   :1.00    Min.   :1.00
 1st Qu.:0.00    1st Qu.:1.000   1st Qu.:1.000   1st Qu.:1.00    1st Qu.:1.00
 Median :0.00    Median :1.000   Median :1.000   Median :1.00    Median :1.00
 Mean   :0.33    Mean   :1.063   Mean   :1.087   Mean   :1.62    Mean   :1.21
 3rd Qu.:0.00    3rd Qu.:1.000   3rd Qu.:1.000   3rd Qu.:1.00    3rd Qu.:1.00
 Max.   :9.00    Max.   :2.000   Max.   :2.000   Max.   :7.00    Max.   :4.00
 NA's   :282828                                                  NA's   :56506
      B6R5            B6R6            B6R7            B6R8            B6R9A
 Min.   :1.000   Min.   :1.00    Min.   :1.00    Min.   :   3.00   Min.   : 1.000
 1st Qu.:2.000   1st Qu.:1.00    1st Qu.:1.00    1st Qu.:  36.00   1st Qu.: 3.000
 Median :4.000   Median :1.00    Median :3.00    Median :  54.00   Median : 6.000
 Mean   :3.368   Mean   :1.55    Mean   :2.82    Mean   :  64.99   Mean   : 5.605
 3rd Qu.:4.000   3rd Qu.:2.00    3rd Qu.:4.00    3rd Qu.:  80.00   3rd Qu.: 7.000
 Max.   :7.000   Max.   :4.00    Max.   :6.00    Max.   :7306.00   Max.   :12.000

     B6R9B           B6R10           B6R11           B6R12A          B6R12B
 Min.   :1.00    Min.   :1.00    Min.   :1.000   Min.   : 1.000   Min.   :1.000
 1st Qu.:2.00    1st Qu.:1.00    1st Qu.:1.000   1st Qu.: 5.000   1st Qu.:3.000
 Median :2.00    Median :1.00    Median :3.000   Median : 6.000   Median :3.000
 Mean   :2.02    Mean   :1.72    Mean   :2.421   Mean   : 6.445   Mean   :2.742
 3rd Qu.:2.00    3rd Qu.:2.00    3rd Qu.:3.000   3rd Qu.: 8.000   3rd Qu.:3.000
 Max.   :3.00    Max.   :4.00    Max.   :3.000   Max.   :12.000   Max.   :3.000
```

```
NA's   :112952   NA's   :58652
    B6R13A          B6R13B          B6R13C          B6R14A          B6R14B
Min.   :1.00    Min.   :1.00    Min.   :1.000   Min.   :1.000   Min.   :1.00
1st Qu.:1.00    1st Qu.:1.00    1st Qu.:1.000   1st Qu.:1.000   1st Qu.:1.00
Median :1.00    Median :1.00    Median :1.000   Median :1.000   Median :2.00
Mean   :1.83    Mean   :1.43    Mean   :2.195   Mean   :1.413   Mean   :2.33
3rd Qu.:3.00    3rd Qu.:1.00    3rd Qu.:3.000   3rd Qu.:1.000   3rd Qu.:3.00
Max.   :4.00    Max.   :4.00    Max.   :6.000   Max.   :5.000   Max.   :6.00
                NA's   :59667                                   NA's   :51943
    B6R15           B7R1A           B7R1B
Min.   :1.00    Min.   :1.000   Min.   :1.00
1st Qu.:2.00    1st Qu.:2.000   1st Qu.:1.00
Median :4.00    Median :2.000   Median :1.00
Mean   :4.78    Mean   :1.792   Mean   :2.04
3rd Qu.:7.00    3rd Qu.:2.000   3rd Qu.:4.00
Max.   :9.00    Max.   :2.000   Max.   :4.00
                                NA's   :225892
                               B7R1BL          B7R2A           B7R2B
ASKES                             :  2786   Min.   :1.000   Min.   :  1.00
KTP                               :  1601   1st Qu.:1.000   1st Qu.:  5.00
JAMKESDA                          :  1316   Median :2.000   Median :  9.00
KTP/KARTU KELUARGA                :  1247   Mean   :1.505   Mean   : 11.94
JAMINAN KESEHATAN DARI PERUSAHAAN:  1088   3rd Qu.:2.000   3rd Qu.: 15.00
(Other)                           :  9160   Max.   :2.000   Max.   :120.00
NA's                              :268109                   NA's   :144158
    B7R2C           B7R3A1          B7R3A2          B7R3A3          B7R3A4
Min.   :1000    Min.   :1.000   Min.   :1.000   Min.   :1.00    Min.   :1.000
1st Qu.:1700    1st Qu.:2.000   1st Qu.:2.000   1st Qu.:2.00    1st Qu.:2.000
Median :2000    Median :2.000   Median :2.000   Median :2.00    Median :2.000
Mean   :2076    Mean   :1.968   Mean   :1.993   Mean   :1.99    Mean   :1.975
3rd Qu.:2250    3rd Qu.:2.000   3rd Qu.:2.000   3rd Qu.:2.00    3rd Qu.:2.000
Max.   :7000    Max.   :2.000   Max.   :2.000   Max.   :2.00    Max.   :2.000
NA's   :144158
    B7R3A5          B7R3A6          B7R3A7          B7R3A7L         B7R3B
Min.   :1.000   Min.   :1.000   Min.   :1.00   BRI      :  272   Min.   :1.00
1st Qu.:2.000   1st Qu.:2.000   1st Qu.:2.00   LPD      :  158   1st Qu.:1.00
Median :2.000   Median :2.000   Median :2.00   GAPOKTAN:  139   Median :4.00
Mean   :1.983   Mean   :1.984   Mean   :1.99   BANK     :  103   Mean   :3.64
3rd Qu.:2.000   3rd Qu.:2.000   3rd Qu.:2.00   CU       :   87   3rd Qu.:5.00
Max.   :2.000   Max.   :2.000   Max.   :2.00   (Other)  : 2096   Max.   :7.00
                                               NA's     :282452  NA's   :271674
    B7R4A           B7R4B           B7R4C           B7R4D           B7R4E
Min.   :1.000   Min.   :1.000   Min.   :1.000   Min.   :1.000   Min.   :1.000
1st Qu.:1.000   1st Qu.:1.000   1st Qu.:2.000   1st Qu.:2.000   1st Qu.:2.000
Median :2.000   Median :1.000   Median :2.000   Median :2.000   Median :2.000
Mean   :1.667   Mean   :1.433   Mean   :1.964   Mean   :1.841   Mean   :1.966
3rd Qu.:2.000   3rd Qu.:2.000   3rd Qu.:2.000   3rd Qu.:2.000   3rd Qu.:2.000
Max.   :2.000   Max.   :2.000   Max.   :2.000   Max.   :2.000   Max.   :2.000

    B7R4F           B7R4G           B7R4H           B7R4I           B7R4J
```

```
Min.    :1.000   Min.    :1.000   Min.    :1.000   Min.    :1.000   Min.    :1.000
1st Qu.:2.000   1st Qu.:2.000   1st Qu.:1.000   1st Qu.:2.000   1st Qu.:2.000
Median :2.000   Median :2.000   Median :2.000   Median :2.000   Median :2.000
Mean   :1.942   Mean   :1.873   Mean   :1.695   Mean   :1.983   Mean   :1.935
3rd Qu.:2.000   3rd Qu.:2.000   3rd Qu.:2.000   3rd Qu.:2.000   3rd Qu.:2.000
Max.    :2.000   Max.    :2.000   Max.    :2.000   Max.    :2.000   Max.    :2.000

    B7R5A           B7R5BA          B7R5BB          B7R5BC          B7R5BD
Min.    :1.000   Min.    :1.00   Min.    :1.00   Min.    :1.00   Min.    :1.00
1st Qu.:1.000   1st Qu.:2.00   1st Qu.:2.00   1st Qu.:1.00   1st Qu.:1.00
Median :1.000   Median :2.00   Median :2.00   Median :1.00   Median :1.00
Mean   :1.282   Mean   :1.81   Mean   :1.86   Mean   :1.33   Mean   :1.48
3rd Qu.:2.000   3rd Qu.:2.00   3rd Qu.:2.00   3rd Qu.:2.00   3rd Qu.:2.00
Max.    :2.000   Max.    :2.00   Max.    :2.00   Max.    :2.00   Max.    :2.00
                NA's    :204789   NA's    :204789   NA's    :204789   NA's    :204789
    B7R5BE          B7R5BF          B7R5BG          B7R5BH          B7R6A
Min.    :1.00   Min.    :1.00   Min.    :1.00   Min.    :1.00   Min.    :1.000
1st Qu.:2.00   1st Qu.:2.00   1st Qu.:2.00   1st Qu.:2.00   1st Qu.:2.000
Median :2.00   Median :2.00   Median :2.00   Median :2.00   Median :2.000
Mean   :1.96   Mean   :1.98   Mean   :1.96   Mean   :1.98   Mean   :1.895
3rd Qu.:2.00   3rd Qu.:2.00   3rd Qu.:2.00   3rd Qu.:2.00   3rd Qu.:2.000
Max.    :2.00   Max.    :2.00   Max.    :2.00   Max.    :2.00   Max.    :2.000
NA's    :204789   NA's    :204789   NA's    :204789   NA's    :204789
    B7R6B           B7R6C           B7R6D           B7R6E           B7R6F
Min.    :1.000   Min.    :1.000   Min.    :1.000   Min.    :1.00   Min.    :1.000
1st Qu.:2.000   1st Qu.:2.000   1st Qu.:2.000   1st Qu.:2.00   1st Qu.:2.000
Median :2.000   Median :2.000   Median :2.000   Median :2.00   Median :2.000
Mean   :1.944   Mean   :1.984   Mean   :1.983   Mean   :1.76   Mean   :1.995
3rd Qu.:2.000   3rd Qu.:2.000   3rd Qu.:2.000   3rd Qu.:2.00   3rd Qu.:2.000
Max.    :2.000   Max.    :2.000   Max.    :2.000   Max.    :2.00   Max.    :2.000

    B7R6G           B8R1            B8R2A           B8R2B           B8R2C
Min.    :1.000   Min.    :1.000   Min.    :1.000   Min.    : 1.0    Min.    : 1.00
1st Qu.:2.000   1st Qu.:2.000   1st Qu.:1.000   1st Qu.: 1.0    1st Qu.: 1.00
Median :2.000   Median :2.000   Median :1.000   Median : 2.0    Median : 2.00
Mean   :1.963   Mean   :1.935   Mean   :1.254   Mean   : 1.9    Mean   : 2.36
3rd Qu.:2.000   3rd Qu.:2.000   3rd Qu.:2.000   3rd Qu.: 2.0    3rd Qu.: 3.00
Max.    :2.000   Max.    :2.000   Max.    :2.000   Max.    :17.0    Max.    :99.00
                                                NA's    :72443   NA's    :58180
    B8R3A           B8R3B           B9R1A           B9R1B           FWT
Min.    :1.000   Min.    :1.000   Min.    : 1.000   Min.    :0.000   Min.    :   1.00
1st Qu.:2.000   1st Qu.:2.000   1st Qu.: 3.000   1st Qu.:1.000   1st Qu.:  83.25
Median :2.000   Median :2.000   Median : 8.000   Median :2.000   Median : 147.88
Mean   :1.944   Mean   :1.916   Mean   : 8.713   Mean   :1.463   Mean   : 219.52
3rd Qu.:2.000   3rd Qu.:2.000   3rd Qu.:13.000   3rd Qu.:2.000   3rd Qu.: 308.54
Max.    :2.000   Max.    :2.000   Max.    :20.000   Max.    :2.000   Max.    :1963.09

   EXP_CAP            KABU          SERIES
Min.    :   59208   Min.    :1101   Min.    :2.206e+10
1st Qu.:  301082   1st Qu.:1809   1st Qu.:5.266e+11
```

```
 Median :  458984   Median :3506   Median :1.196e+12
 Mean   :  625772   Mean   :4237   Mean   :2.070e+12
 3rd Qu.:  731226   3rd Qu.:6307   3rd Qu.:2.621e+12
 Max.   :85324937   Max.   :9471   Max.   :1.734e+13
```

 # Data check of categorical variables of kor11rt

```
> Categorical.variables<-c(12,17:23,25:38,40,43:49,51:79,82:85)
> for(j in Categorical.variables){
+  cat("¥n-----",colnames(kor11rt)[j],"----------------------------------")
+  print(table(kor11rt[,j],useNA="ifany"))
+ }

----- B4BR1 ----------------------------------
     1      2
  2479 282828

----- B6R1 ----------------------------------
     1      2
267192  18115

----- B6R2 ----------------------------------
     1      2
260533  24774

----- B6R3 ----------------------------------
     1      2      3      4      5      6      7
228801   9834  10718   5912  23139   6224    679

----- B6R4 ----------------------------------
     1      2      3      4   <NA>
206630   3594  10300   8277  56506

----- B6R5 ----------------------------------
     1      2      3      4      5      6      7
  4972 111372   5459 129135  14112  12211   8046

----- B6R6 ----------------------------------
     1      2      3      4
162370  95719  20463   6755

----- B6R7 ----------------------------------
     1      2      3      4      5      6
 75225  19379 106319  55080  24478   4826

----- B6R9A ----------------------------------
    1     2     3     4     5     6     7     8     9    10    11    12
13885 38367 29118  6398 33087 69293 24709 30525 14744 13044 11486   651

----- B6R9B ----------------------------------
     1      2      3   <NA>
 36798  95577  39980 112952
```

```
----- B6R10 ----------------------------------
     1      2      3      4   <NA>
123158  57241  33832  12424  58652

----- B6R11 ----------------------------------
     1      2      3
 72514  20239 192554

----- B6R12A ---------------------------------
    1     2     3     4     5     6     7     8     9    10    11    12
   16   161 39609  3682 49872 80266 28309 28985 14307 27919 10182  1999

----- B6R12B ---------------------------------
     1      2      3
 24630  24348 236329

----- B6R13A ---------------------------------
     1      2      3      4
179788  33968  11884  59667

----- B6R13B ---------------------------------
     1      2      3      4   <NA>
172823  17330  26772   8715  59667

----- B6R13C ---------------------------------
     1      2      3      4      5      6
161576   7598  45352  44810  21758   4213

----- B6R14A ---------------------------------
     1      2      3      4      5
233364  20495   2217  24010   5221

----- B6R14B ---------------------------------
     1      2      3      4      5      6   <NA>
102154  70140  18566   3558   1531  37415  51943

----- B6R15 ----------------------------------
     1      2      3      4      5      6      7      8      9
  2766  96016    425  45317   1730     48 135946   1728   1331

----- B7R1A ----------------------------------
     1      2
 59415 225892

----- B7R1B ----------------------------------
     1      2      3      4   <NA>
 35747   2915   3555  17198 225892

----- B7R2A ----------------------------------
     1      2
141149 144158

----- B7R3A1 ---------------------------------
     1      2
  9231 276076
```

```
----- B7R3A2 -----------------------------------
     1      2
  1944 283363

----- B7R3A3 -----------------------------------
     1      2
  2745 282562

----- B7R3A4 -----------------------------------
     1      2
  6995 278312

----- B7R3A5 -----------------------------------
     1      2
  4760 280547

----- B7R3A6 -----------------------------------
     1      2
  4672 280635

----- B7R3A7 -----------------------------------
     1      2
  2855 282452

----- B7R3B ------------------------------------
     1      2      3      4      5      6      7   <NA>
  3907    694   1106   3007   1772   1882   1265 271674

----- B7R4A ------------------------------------
     1      2
 94940 190367

----- B7R4B ------------------------------------
     1      2
161843 123464

----- B7R4C ------------------------------------
     1      2
 10159 275148

----- B7R4D ------------------------------------
     1      2
 45385 239922

----- B7R4E ------------------------------------
     1      2
  9821 275486

----- B7R4F ------------------------------------
     1      2
 16427 268880

----- B7R4G ------------------------------------
     1      2
 36172 249135
```

```
----- B7R4H ----------------------------------
     1      2
 86902 198405

----- B7R4I ----------------------------------
     1      2
  4827 280480

----- B7R4J ----------------------------------
     1      2
 18427 266880

----- B7R5A ----------------------------------
     1      2
204789  80518

----- B7R5BA ---------------------------------
     1      2   <NA>
 15586  64932 204789

----- B7R5BB ---------------------------------
     1      2   <NA>
 11148  69370 204789

----- B7R5BC ---------------------------------
     1      2   <NA>
 53846  26672 204789

----- B7R5BD ---------------------------------
     1      2   <NA>
 41756  38762 204789

----- B7R5BE ---------------------------------
     1      2   <NA>
  3198  77320 204789

----- B7R5BF ---------------------------------
     1      2   <NA>
  1404  79114 204789

----- B7R5BG ---------------------------------
     1      2   <NA>
  3199  77319 204789

----- B7R5BH ---------------------------------
     1      2   <NA>
  1895  78623 204789

----- B7R6A ----------------------------------
     1      2
 29939 255368

----- B7R6B ----------------------------------
     1      2
 16045 269262
```

```
----- B7R6C -----------------------------------
     1      2
  4599 280708

----- B7R6D -----------------------------------
     1      2
  4796 280511

----- B7R6E -----------------------------------
     1      2
 68591 216716

----- B7R6F -----------------------------------
     1      2
  1397 283910

----- B7R6G -----------------------------------
     1      2
 10522 274785

----- B8R1 ------------------------------------
     1      2
 18493 266814

----- B8R2A -----------------------------------
     1      2
212864  72443

----- B8R3A -----------------------------------
     1      2
 15971 269336

----- B8R3B -----------------------------------
     1      2
 24085 261222

----- B9R1A -----------------------------------
    1     2     3     4     5     6     7     8     9    10    11    12    13    14    15
16
53382  5821 43427  9381  2642  3188  6333 20972   940 18533 38920  3985 13026   885  2100
9788
   17    18    19    20
 2111 30534  3278 16061

----- B9R1B -----------------------------------
     0      1      2
 16072 121018 148217
```

kor11ind : individual data

```
> summary(kor11ind)
      B1R1            B1R2            B1R5            B1R7            B1R8
 Min.   :11.0   Min.   : 1.00   Min.   :1.000   Min.   :2003602   Min.   : 1.00
 1st Qu.:18.0   1st Qu.: 4.00   1st Qu.:1.000   1st Qu.:2072228   1st Qu.: 3.00
 Median :35.0   Median : 9.00   Median :2.000   Median :2149216   Median : 5.00
 Mean   :42.7   Mean   :21.64   Mean   :1.591   Mean   :2147490   Mean   : 5.45
 3rd Qu.:64.0   3rd Qu.:23.00   3rd Qu.:2.000   3rd Qu.:2221986   3rd Qu.: 8.00
 Max.   :94.0   Max.   :79.00   Max.   :2.000   Max.   :2288908   Max.   :10.00

      NART            B1R11           HB              JK              UMUR
 Min.   : 1.000   Min.   :1   Min.   :1.000   Min.   :1.000   Min.   : 0.00
 1st Qu.: 1.000   1st Qu.:1   1st Qu.:1.000   1st Qu.:1.000   1st Qu.:12.00
 Median : 3.000   Median :1   Median :3.000   Median :1.000   Median :27.00
 Mean   : 2.853   Mean   :1   Mean   :2.596   Mean   :1.497   Mean   :28.76
 3rd Qu.: 4.000   3rd Qu.:1   3rd Qu.:3.000   3rd Qu.:2.000   3rd Qu.:43.00
 Max.   :25.000   Max.   :1   Max.   :9.000   Max.   :2.000   Max.   :98.00

      KWN            JAHAT1          JAHAT2          PERGI1           PERGI2
 Min.   :1.000   Min.   :1.000   Min.   :1.0     Min.   : 0.0000   Min.   :1.0
 1st Qu.:1.000   1st Qu.:7.000   1st Qu.:2.0     1st Qu.: 0.0000   1st Qu.:2.0
 Median :2.000   Median :7.000   Median :2.0     Median : 0.0000   Median :7.0
 Mean   :1.635   Mean   :6.941   Mean   :1.8     Mean   : 0.2199   Mean   :5.4
 3rd Qu.:2.000   3rd Qu.:7.000   3rd Qu.:2.0     3rd Qu.: 0.0000   3rd Qu.:7.0
 Max.   :4.000   Max.   :7.000   Max.   :2.0     Max.   :90.0000   Max.   :9.0
                                 NA's   :1105772                   NA's   :995007
     PERGI3          AKTE1           AKTE2           PRASKL1          PRASKL2
 Min.   :11.0    Min.   :1.0     Min.   :1.0     Min.   :1.0     Min.   :1.0
 1st Qu.:19.0    1st Qu.:1.0     1st Qu.:1.0     1st Qu.:3.0     1st Qu.:1.0
 Median :33.0    Median :2.0     Median :4.0     Median :3.0     Median :1.0
 Mean   :39.3    Mean   :1.9     Mean   :3.7     Mean   :2.7     Mean   :1.9
 3rd Qu.:61.0    3rd Qu.:3.0     3rd Qu.:6.0     3rd Qu.:3.0     3rd Qu.:4.0
 Max.   :94.0    Max.   :4.0     Max.   :6.0     Max.   :3.0     Max.   :5.0
 NA's   :995007  NA's   :710878  NA's   :964711  NA's   :966065  NA's   :1087385
    PRASKL3         PRASKL4          B5_TL1          B5_TL2          B5_TT1
 Min.   :1.0     Min.   : 1.0     Min.   : 1.00   Min.   : 0.00   Min.   : 0.00
 1st Qu.:1.0     1st Qu.: 1.0     1st Qu.:18.00   1st Qu.: 4.00   1st Qu.:15.00
 Median :1.0     Median : 1.0     Median :35.00   Median : 9.00   Median :33.00
 Mean   :1.2     Mean   : 2.1     Mean   :42.16   Mean   :20.63   Mean   :38.43
 3rd Qu.:1.0     3rd Qu.: 3.0     3rd Qu.:63.00   3rd Qu.:22.00   3rd Qu.:62.00
 Max.   :2.0     Max.   :10.0     Max.   :94.00   Max.   :79.00   Max.   :94.00
 NA's   :1088180 NA's   :1094664
     B5_TT2          B5_IBU          B5_INFO         B5R1A           B5R1B
 Min.   : 0.00   Min.   : 0.00   Min.   : 0.00   Min.   :1.000   Min.   :1.000
 1st Qu.: 3.00   1st Qu.: 0.00   1st Qu.: 1.00   1st Qu.:2.000   1st Qu.:2.000
 Median : 8.00   Median : 0.00   Median : 2.00   Median :2.000   Median :2.000
 Mean   :19.69   Mean   : 0.96   Mean   : 1.86   Mean   :1.893   Mean   :1.864
 3rd Qu.:20.00   3rd Qu.: 2.00   3rd Qu.: 2.00   3rd Qu.:2.000   3rd Qu.:2.000
```

```
Max.    :79.00   Max.    :20.00   Max.    :25.00   Max.    :2.000   Max.    :2.000

    B5R1C           B5R1D           B5R1E           B5R1F          B5R1G
Min.    :1.000   Min.    :1.000   Min.    :1.000   Min.    :1.00   Min.    :1.000
1st Qu.:2.000   1st Qu.:2.000   1st Qu.:2.000   1st Qu.:2.00   1st Qu.:2.000
Median :2.000   Median :2.000   Median :2.000   Median :2.00   Median :2.000
Mean   :1.874   Mean   :1.985   Mean   :1.984   Mean   :1.95   Mean   :1.984
3rd Qu.:2.000   3rd Qu.:2.000   3rd Qu.:2.000   3rd Qu.:2.00   3rd Qu.:2.000
Max.    :2.000   Max.    :2.000   Max.    :2.000   Max.    :2.00   Max.    :2.000

    B5R1H           B5R2           B5R3           B5R4A          B5R4B1
Min.    :1.000   Min.    :1.0     Min.    : 1.0    Min.    :1.0     Min.    :1.0
1st Qu.:2.000   1st Qu.:1.0     1st Qu.: 2.0    1st Qu.:1.0     1st Qu.:1.0
Median :2.000   Median :1.0     Median : 3.0    Median :1.0     Median :2.0
Mean   :1.894   Mean   :1.5     Mean   : 5.5    Mean   :1.3     Mean   :1.7
3rd Qu.:2.000   3rd Qu.:2.0     3rd Qu.: 7.0    3rd Qu.:2.0     3rd Qu.:2.0
Max.    :2.000   Max.    :2.0     Max.    :30.0    Max.    :2.0     Max.    :2.0
                NA's    :784812   NA's    :940463   NA's    :784812   NA's    :897298
    B5R4B2          B5R4B3          B5R5           B5R6A          B5R6B
Min.    :1.0     Min.    :1       Min.    :1.0     Min.    : 0.0    Min.    : 0.0
1st Qu.:1.0     1st Qu.:2       1st Qu.:1.0     1st Qu.: 0.0    1st Qu.: 0.0
Median :1.0     Median :2       Median :2.0     Median : 0.0    Median : 0.0
Mean   :1.1     Mean   :2       Mean   :1.6     Mean   : 0.1    Mean   : 0.1
3rd Qu.:1.0     3rd Qu.:2       3rd Qu.:2.0     3rd Qu.: 0.0    3rd Qu.: 0.0
Max.    :2.0     Max.    :2       Max.    :2.0     Max.    :30.0    Max.    :30.0
NA's    :897298   NA's    :897298   NA's    :784812   NA's    :970894   NA's    :970894
    B5R6C           B5R6D           B5R6E          B5R6F          B5R6G
Min.    : 0.0    Min.    : 0.0    Min.    : 0.0    Min.    : 0      Min.    : 0
1st Qu.: 0.0    1st Qu.: 0.0    1st Qu.: 0.0    1st Qu.: 0      1st Qu.: 0
Median : 0.0    Median : 0.0    Median : 0.0    Median : 0      Median : 0
Mean   : 0.3    Mean   : 0.6    Mean   : 0.4    Mean   : 0      Mean   : 0
3rd Qu.: 0.0    3rd Qu.: 1.0    3rd Qu.: 1.0    3rd Qu.: 0      3rd Qu.: 0
Max.    :30.0    Max.    :30.0    Max.    :30.0    Max.    :30      Max.    :22
NA's    :970894   NA's    :970894   NA's    :970894   NA's    :970894   NA's    :970894
    B5R6H           B5R7           B5R8           B5R9A           B5R9B
Min.    : 0      Min.    :1.000   Min.    :1.00   Min.    :  0.0    Min.    :  0.0
1st Qu.: 0      1st Qu.:2.000   1st Qu.:2.00   1st Qu.:  0.0    1st Qu.:  0.0
Median : 0      Median :2.000   Median :2.00   Median :  0.0    Median :  0.0
Mean   : 0      Mean   :1.786   Mean   :1.98   Mean   :  3.5    Mean   :  1.6
3rd Qu.: 0      3rd Qu.:2.000   3rd Qu.:2.00   3rd Qu.:  5.0    3rd Qu.:  2.0
Max.    :30      Max.    :2.000   Max.    :2.00   Max.    :180.0    Max.    :140.0
NA's    :970894                                 NA's    :1095953   NA's    :1095953
    B5R9C           B5R9D           B5R9E          B5R9F
Min.    :  0.0    Min.    :  0.0    Min.    : 0.0    Min.    : 0.0
1st Qu.:  0.0    1st Qu.:  0.0    1st Qu.: 0.0    1st Qu.: 0.0
Median :  0.0    Median :  0.0    Median : 0.0    Median : 0.0
Mean   :  0.5    Mean   :  0.2    Mean   : 0.1    Mean   : 0.1
3rd Qu.:  0.0    3rd Qu.:  0.0    3rd Qu.: 0.0    3rd Qu.: 0.0
Max.    :121.0    Max.    :150.0    Max.    :90.0    Max.    :90.0
NA's    :1095953   NA's    :1095953   NA's    :1095953   NA's    :1095953
```

```
    B5R10A           B5R10B           B5R11A           B5R11B
Min.   : 0.0     Min.   : 1.0     Min.   :1.0     Min.   :1.0
1st Qu.:15.0     1st Qu.: 7.0     1st Qu.:2.0     1st Qu.:2.0
Median :29.0     Median :15.0     Median :2.0     Median :2.0
Mean   :29.4     Mean   :15.1     Mean   :2.5     Mean   :2.4
3rd Qu.:43.0     3rd Qu.:21.0     3rd Qu.:4.0     3rd Qu.:3.0
Max.   :59.0     Max.   :30.0     Max.   :9.0     Max.   :9.0
NA's   :1012042  NA's   :1116830  NA's   :1012042 NA's   :1012042
    B5R12A           B5R12B           B5R12C           B5R12D
Min.   :0.0      Min.   :0.0      Min.   :0.0      Min.   :0.0
1st Qu.:1.0      1st Qu.:1.0      1st Qu.:1.0      1st Qu.:1.0
Median :1.0      Median :3.0      Median :3.0      Median :1.0
Mean   :0.9      Mean   :2.2      Mean   :2.4      Mean   :0.8
3rd Qu.:1.0      3rd Qu.:3.0      3rd Qu.:3.0      3rd Qu.:1.0
Max.   :9.0      Max.   :9.0      Max.   :9.0      Max.   :9.0
NA's   :1012042  NA's   :1012042  NA's   :1012042  NA's   :1012042
    B5R12E           B5R13A           B5R13B1          B5R13B2
Min.   :0        Min.   :1.0      Min.   : 0.0     Min.   : 0.0
1st Qu.:1        1st Qu.:1.0      1st Qu.:10.0     1st Qu.: 2.0
Median :3        Median :1.0      Median :16.0     Median : 4.0
Mean   :2        Mean   :1.1      Mean   :16.2     Mean   : 4.7
3rd Qu.:3        3rd Qu.:1.0      3rd Qu.:24.0     3rd Qu.: 6.0
Max.   :9        Max.   :2.0      Max.   :59.0     Max.   :59.0
NA's   :1012042  NA's   :1012042  NA's   :1017510  NA's   :1017510
   B5R13B3          B5R14            B5R15            B5R16            B5R17
Min.   : 0.0     Min.   :1.00     Min.   : 1.00    Min.   :1.00     Min.   : 1.0
1st Qu.: 5.0     1st Qu.:2.00     1st Qu.: 1.00    1st Qu.:3.00     1st Qu.: 1.0
Median :11.0     Median :3.00     Median : 3.00    Median :8.00     Median : 2.0
Mean   :11.5     Mean   :2.54     Mean   : 3.99    Mean   :5.63     Mean   : 4.1
3rd Qu.:18.0     3rd Qu.:3.00     3rd Qu.: 7.00    3rd Qu.:8.00     3rd Qu.: 6.0
Max.   :58.0     Max.   :3.00     Max.   :14.00    Max.   :8.00     Max.   :15.0
NA's   :1017510  NA's   :106197   NA's   :202194   NA's   :202194   NA's   :202194
    B5R18A           B5R18B           B5R19A           B5R19B           B5R19C
Min.   :1.0      Min.   : 1.0     Min.   :1.00     Min.   :1.00     Min.   :1.00
1st Qu.:1.0      1st Qu.: 1.0     1st Qu.:1.00     1st Qu.:1.00     1st Qu.:2.00
Median :2.0      Median : 1.0     Median :1.00     Median :2.00     Median :2.00
Mean   :1.7      Mean   : 1.7     Mean   :1.12     Mean   :1.64     Mean   :1.95
3rd Qu.:2.0      3rd Qu.: 1.0     3rd Qu.:1.00     3rd Qu.:2.00     3rd Qu.:2.00
Max.   :2.0      Max.   :10.0     Max.   :2.00     Max.   :2.00     Max.   :2.00
NA's   :202194   NA's   :843288   NA's   :106197   NA's   :106197   NA's   :106197
    B5R20            B5R21A           B5R21B           B5R21C
Min.   :1.0      Min.   :1.0      Min.   :1.0      Min.   :1.0
1st Qu.:2.0      1st Qu.:2.0      1st Qu.:1.0      1st Qu.:2.0
Median :2.0      Median :2.0      Median :2.0      Median :2.0
Mean   :1.9      Mean   :1.8      Mean   :1.6      Mean   :1.8
3rd Qu.:2.0      3rd Qu.:2.0      3rd Qu.:2.0      3rd Qu.:2.0
Max.   :2.0      Max.   :2.0      Max.   :2.0      Max.   :2.0
NA's   :106197   NA's   :1013784  NA's   :1013784  NA's   :1013784
    B5R21D           B5R21E           B5R21F           B5R22
Min.   :1.0      Min.   :1.0      Min.   :1.0      Min.   : 1
```

```
1st Qu.:2.0       1st Qu.:1.0       1st Qu.:2.0       1st Qu.: 1
Median :2.0       Median :1.0       Median :2.0       Median : 3
Mean   :1.9       Mean   :1.5       Mean   :1.9       Mean   : 4
3rd Qu.:2.0       3rd Qu.:2.0       3rd Qu.:2.0       3rd Qu.: 5
Max.   :2.0       Max.   :2.0       Max.   :2.0       Max.   :11
NA's   :1013784   NA's   :1013784   NA's   :1013784   NA's   :969896
    B5R23A            B5R23B            B5R24A1           B5R24A2           B5R24A3
Min.   : 0        Min.   :   0      Min.   :1.00      Min.   :1.00      Min.   :1.00
1st Qu.: 5        1st Qu.:2003      1st Qu.:1.00      1st Qu.:2.00      1st Qu.:1.00
Median : 6        Median :2006      Median :1.00      Median :2.00      Median :1.00
Mean   : 5        Mean   :1666      Mean   :1.43      Mean   :1.79      Mean   :1.49
3rd Qu.: 6        3rd Qu.:2009      3rd Qu.:2.00      3rd Qu.:2.00      3rd Qu.:2.00
Max.   :12        Max.   :2011      Max.   :2.00      Max.   :2.00      Max.   :2.00
NA's   :1011190   NA's   :1011190   NA's   :226079    NA's   :226079    NA's   :226079
   B5R24A4           B5R24B            B5R25             B5R26             B5R27A
Min.   :1.00      Min.   :1.00      Min.   :1         Min.   :1.00      Min.   :1.0
1st Qu.:1.00      1st Qu.:1.00      1st Qu.:2         1st Qu.:2.00      1st Qu.:1.0
Median :2.00      Median :1.00      Median :2         Median :2.00      Median :1.0
Mean   :1.61      Mean   :1.82      Mean   :2         Mean   :1.97      Mean   :1.4
3rd Qu.:2.00      3rd Qu.:3.00      3rd Qu.:2         3rd Qu.:2.00      3rd Qu.:2.0
Max.   :2.00      Max.   :4.00      Max.   :2         Max.   :2.00      Max.   :2.0
NA's   :226079    NA's   :251639    NA's   :734587    NA's   :226079    NA's   :226079
    B5R27B            B5R28A            B5R28B            B5R29             B5R30
Min.   : 1.0      Min.   :0.0       Min.   : 0.0      Min.   :       0  Min.   : 1.0
1st Qu.: 1.0      1st Qu.:5.0       1st Qu.:27.0      1st Qu.:  400000  1st Qu.: 3.0
Median : 1.0      Median :6.0       Median :40.0      Median :  800000  Median : 8.0
Mean   : 2.3      Mean   :5.7       Mean   :38.8      Mean   : 1232591  Mean   : 7.9
3rd Qu.: 3.0      3rd Qu.:7.0       3rd Qu.:49.0      3rd Qu.: 1500000  3rd Qu.:11.0
Max.   :10.0      Max.   :7.0       Max.   :98.0      Max.   :99999999  Max.   :19.0
NA's   :587202    NA's   :601005    NA's   :601005    NA's   :649420    NA's   :594512
    B5R31             B5R32             B5R33             B5R34A1           B5R34A2
Min.   :1.0       Min.   : 9        Min.   : 0.0      Min.   : 0.0      Min.   : 0.0
1st Qu.:2.0       1st Qu.:17        1st Qu.: 9.0      1st Qu.: 1.0      1st Qu.: 0.0
Median :4.0       Median :19        Median :18.0      Median : 1.0      Median : 1.0
Mean   :3.5       Mean   :20        Mean   :20.5      Mean   : 1.6      Mean   : 1.5
3rd Qu.:5.0       3rd Qu.:22        3rd Qu.:30.0      3rd Qu.: 2.0      3rd Qu.: 2.0
Max.   :6.0       Max.   :85        Max.   :86.0      Max.   :14.0      Max.   :20.0
NA's   :594512    NA's   :802366    NA's   :802366    NA's   :802366    NA's   :802366
   B5R34A3           B5R34B1           B5R34B2           B5R34B3           B5R34C1
Min.   : 0.0      Min.   : 0.0      Min.   : 0.0      Min.   : 0.0      Min.   : 0.0
1st Qu.: 1.0      1st Qu.: 0.0      1st Qu.: 0.0      1st Qu.: 1.0      1st Qu.: 0.0
Median : 3.0      Median : 1.0      Median : 1.0      Median : 2.0      Median : 0.0
Mean   : 3.1      Mean   : 1.4      Mean   : 1.3      Mean   : 2.8      Mean   : 0.2
3rd Qu.: 4.0      3rd Qu.: 2.0      3rd Qu.: 2.0      3rd Qu.: 4.0      3rd Qu.: 0.0
Max.   :30.0      Max.   :13.0      Max.   :20.0      Max.   :30.0      Max.   :12.0
NA's   :802366    NA's   :802366    NA's   :802366    NA's   :802366    NA's   :802366
   B5R34C2           B5R34C3           B5R35             B5R36             B5R37
Min.   : 0.0      Min.   : 0.0      Min.   :1.0       Min.   : 1.0      Min.   :1.0
1st Qu.: 0.0      1st Qu.: 0.0      1st Qu.:1.0       1st Qu.: 4.0      1st Qu.:2.0
Median : 0.0      Median : 0.0      Median :2.0       Median : 4.0      Median :3.0
```

```
 Mean   : 0.2     Mean   : 0.3     Mean   :1.9      Mean   : 4.5     Mean   :2.6
 3rd Qu.: 0.0     3rd Qu.: 0.0     3rd Qu.:3.0      3rd Qu.: 6.0     3rd Qu.:3.0
 Max.   :12.0     Max.   :16.0     Max.   :3.0      Max.   :10.0     Max.   :3.0
 NA's   :802366   NA's   :802366   NA's   :802366   NA's   :993796   NA's   :926809
    B5R38              B5R38L             FWT            EXP_CAP
 Min.   :1.0      JANDA     :  7816   Min.   :   1.0   Min.   :   59208
 1st Qu.:1.0      SUDAH TUA:  5063   1st Qu.:  81.2   1st Qu.:  279840
 Median :1.0      TUA       :  2933   Median : 142.9   Median :  419343
 Mean   :2.9      CERAI     :  1068   Mean   : 215.6   Mean   :  567319
 3rd Qu.:5.0      LANSIA    :  1003   3rd Qu.: 299.3   3rd Qu.:  664988
 Max.   :6.0      (Other)   : 19122   Max.   :1963.1   Max.   :85324937
 NA's   :961836   NA's      :1081234
     KABU          SERIES
 Min.   :1101   Min.   :2.206e+10
 1st Qu.:1805   1st Qu.:5.156e+11
 Median :3509   Median :1.189e+12
 Mean   :4291   Mean   :2.079e+12
 3rd Qu.:6402   3rd Qu.:2.631e+12
 Max.   :9471   Max.   :1.734e+13
```

 # Data check of categorical variables of kor11ind

```
> Categorical.variables<-c(8:9,11:13,15,17:22,29:37,39:43,52:53,62:63,69,73:89,
+ 92:100,104:105,117:120)
> for(j in Categorical.variables){
+  cat("¥n-----",colnames(kor11ind)[j],"----------------------------------")
+  print(table(kor11ind[,j],useNA="ifany"))
+ }

----- HB ----------------------------------
     1      2      3      4      5      6      7      8      9
285307 227607 475258  22424  47051  21630  33353   2164   3445

----- JK ----------------------------------
     1      2
562882 555357

----- KWN ----------------------------------
     1      2      3      4
527395 523551  15070  52223

----- JAHAT1 ----------------------------------
      1       2       3       4       5       6       7
   8396    2114      44    1249      32     632 1105772

----- JAHAT2 ----------------------------------
      1       2    <NA>
   2195   10272 1105772

----- PERGI2 ----------------------------------
     1      2      3      4      5      6      7      8      9   <NA>
```

```
 23847   9189   1194   2439   3230   4620  73547    244   4922 995007

----- AKTE1 ----------------------------------
     1      2      3      4   <NA>
187358  66475 148437   5091 710878

----- AKTE2 ----------------------------------
     1      2      3      4      5      6   <NA>
 42065  13661   8686  24755  17660  46701 964711

----- PRASKL1 --------------------------------
     1      2      3   <NA>
 10928  19926 121320 966065

----- PRASKL2 --------------------------------
     1       2       3       4       5    <NA>
 21911     772     406    3556    4209 1087385

----- PRASKL3 --------------------------------
     1       2    <NA>
 23575    6484 1088180

----- PRASKL4 --------------------------------
     1       2       3       4       5       6       7       8       9      10    <NA>
 13429    1082    7172     193     296     441     330      38      42     552 1094664

----- B5R1A ----------------------------------
     1      2
119722 998517

----- B5R1B ----------------------------------
     1      2
151673 966566

----- B5R1C ----------------------------------
     1      2
140990 977249

----- B5R1D ----------------------------------
     1       2
 16678 1101561

----- B5R1E ----------------------------------
     1       2
 17425 1100814

----- B5R1F ----------------------------------
     1       2
 55563 1062676

----- B5R1G ----------------------------------
     1       2
 18426 1099813

----- B5R1H ----------------------------------
     1       2
```

```
 118025 1000214

----- B5R2 ----------------------------------
     1      2   <NA>
177776 155651 784812

----- B5R4A ---------------------------------
     1      2   <NA>
220941 112486 784812

----- B5R4B1 --------------------------------
     1      2   <NA>
 60692 160249 897298

----- B5R4B2 --------------------------------
     1      2   <NA>
197274  23667 897298

----- B5R4B3 --------------------------------
     1      2   <NA>
  9665 211276 897298

----- B5R5 ----------------------------------
     1      2   <NA>
147345 186082 784812

----- B5R7 ----------------------------------
     1      2
239699 878540

----- B5R8 ----------------------------------
      1       2
  22286 1095953

----- B5R11A --------------------------------
      1       2       3       4       5       6       9    <NA>
  14029   60440     711   24774    5873     365       5 1012042

----- B5R11B --------------------------------
      1       2       3       4       5       6       9    <NA>
  15303   63600    1068   22012    3893     316       5 1012042

----- B5R13A --------------------------------
      1       2    <NA>
 100729    5468 1012042

----- B5R14 ---------------------------------
     1      2      3   <NA>
 95997 268914 647131 106197

----- B5R15 ---------------------------------
     1      2      3      4      5      6      7      8      9     10     11     12     13
444420  13584   1244 163888  19645   1441 136969  11015  51265   1950   6911  13331  47447
    14   <NA>
  2935 202194
```

```
----- B5R16 ----------------------------------
     1      2      3      4      5      6      7      8   <NA>
 83815 105420 100929  54252  52345  35585    262 483437 202194

----- B5R17 ----------------------------------
     1      2      3      4      5      6      7      8      9     10     11     12     13
279897 251026   7522   1327 139774  14434   1733 118298   8365  40206   1637   7024  11035
    14     15   <NA>
 31459   2308 202194

----- B5R18A ---------------------------------
     1      2   <NA>
274951 641094 202194

----- B5R18B ---------------------------------
     1      2      3      4      5      6      7      8      9     10   <NA>
213467  10388  27775    802  12005   6056   1015    182    263   2998 843288

----- B5R19A ---------------------------------
     1      2   <NA>
893769 118273 106197

----- B5R19B ---------------------------------
     1      2   <NA>
363016 649026 106197

----- B5R19C ---------------------------------
     1      2   <NA>
 51399 960643 106197

----- B5R20 ----------------------------------
     1      2   <NA>
104455 907587 106197

----- B5R21A ---------------------------------
      1       2    <NA>
  23129   81326 1013784

----- B5R21B ---------------------------------
      1       2    <NA>
  46183   58272 1013784

----- B5R21C ---------------------------------
      1       2    <NA>
  16306   88149 1013784

----- B5R21D ---------------------------------
      1       2    <NA>
  14092   90363 1013784

----- B5R21E ---------------------------------
      1       2    <NA>
  54003   50452 1013784

----- B5R21F ---------------------------------
      1       2    <NA>
```

```
   9324    95131 1013784

----- B5R22 -----------------------------------
     1      2      3      4      5      6      7      8      9     10     11   <NA>
 47034  20592  12875   9226  30286    997   4194   1689    826    456  20168 969896

----- B5R24A1 ---------------------------------
     1      2   <NA>
508508 383652 226079

----- B5R24A2 ---------------------------------
     1      2   <NA>
183997 708163 226079

----- B5R24A3 ---------------------------------
     1      2   <NA>
454375 437785 226079

----- B5R24A4 ---------------------------------
     1      2   <NA>
345491 546669 226079

----- B5R24B ----------------------------------
     1      2      3      4   <NA>
443351 175330 212782  35137 251639

----- B5R25 -----------------------------------
     1      2   <NA>
 15219 368433 734587

----- B5R26 -----------------------------------
     1      2   <NA>
 29583 862577 226079

----- B5R27A ----------------------------------
     1      2   <NA>
531037 361123 226079

----- B5R27B ----------------------------------
     1      2      3      4      5      6      7      8      9     10   <NA>
300594  20272 142999   2513  19506  12526   9009   2854   2691  18073 587202

----- B5R30 -----------------------------------
     1      2      3      4      5      6      7      8      9     10     11     12     13
108850  12918  82446  14422  11912   5888   9602  43009   1342  26439  85565   8507  19106
    14     15     16     17     18     19   <NA>
  1894   3928  20870   4999  57766   4264 594512

----- B5R31 -----------------------------------
     1      2      3      4      5      6   <NA>
103222  92878  16710 166109  46679  98129 594512

----- B5R35 -----------------------------------
     1      2      3   <NA>
124443  87309 104121 802366
```

```
----- B5R36 ----------------------------------
     1      2      3      4      5      6      7      8      9     10   <NA>
  3811    736   7709  70519   7616  30175    909     48     91   2829 993796

----- B5R37 ----------------------------------
     1      2      3   <NA>
 35027  15458 140945 926809

----- B5R38 ----------------------------------
     1      2      3      4      5      6   <NA>
 85276   4087   2914  13305  13816  37005 961836
>
```

blok41.exp : food expenditure for a week

```
> summary(blok41.exp)
      B1R1            B1R2            B1R5            B1R7            B1R8
 Min.   :11.00   Min.   : 1.0   Min.   :1.000   Min.   :2003602   Min.   : 1.000
 1st Qu.:18.00   1st Qu.: 4.0   1st Qu.:1.000   1st Qu.:2073965   1st Qu.: 3.000
 Median :34.00   Median : 9.0   Median :2.000   Median :2139878   Median : 5.000
 Mean   :40.61   Mean   :22.8   Mean   :1.556   Mean   :2142025   Mean   : 5.471
 3rd Qu.:62.00   3rd Qu.:25.0   3rd Qu.:2.000   3rd Qu.:2211223   3rd Qu.: 8.000
 Max.   :94.00   Max.   :79.0   Max.   :2.000   Max.   :2288908   Max.   :10.000

      KODE            B2R1            KLP            B41K4            B41K5
 Min.   :  1.0   Min.   : 1.000   Min.   :  0.00   Min.   :   0.000   Min.   :     0
 1st Qu.: 86.0   1st Qu.: 3.000   1st Qu.:  0.00   1st Qu.:   0.350   1st Qu.:  1700
 Median :134.0   Median : 4.000   Median : 85.00   Median :   1.000   Median :  4600
 Mean   :126.6   Mean   : 4.085   Mean   : 89.02   Mean   :   3.413   Mean   : 11516
 3rd Qu.:176.0   3rd Qu.: 5.000   3rd Qu.:167.00   3rd Qu.:   3.000   3rd Qu.: 12000
 Max.   :229.0   Max.   :25.000   Max.   :223.00   Max.   :1626.360   Max.   :3095000

     B41K6            B41K7            B41K8            B41K9
 Min.   :  0.000   Min.   :       0   Min.   :   0.000   Min.   :      2
 1st Qu.:  0.000   1st Qu.:       0   1st Qu.:   0.700   1st Qu.:   2000
 Median :  0.000   Median :       0   Median :   1.530   Median :   5000
 Mean   :  0.375   Mean   :    1729   Mean   :   4.297   Mean   :  13246
 3rd Qu.:  0.000   3rd Qu.:       0   3rd Qu.:   4.770   3rd Qu.:  13500
 Max.   :471.000   Max.   :2016000   Max.   :1626.360   Max.   :3095000

       RH              WERT            WEIND            SERIES
 Min.   :      0   Min.   :   1.00   Min.   :    2.0   Min.   :2.206e+10
 1st Qu.:   1000   1st Qu.:  88.63   1st Qu.:  318.2   1st Qu.:4.838e+11
 Median :   2500   Median : 159.29   Median :  614.7   Median :1.119e+12
 Mean   :   5149   Mean   : 231.54   Mean   :  934.8   Mean   :1.927e+12
 3rd Qu.:   7000   3rd Qu.: 328.23   3rd Qu.: 1237.3   3rd Qu.:2.427e+12
 Max.   :1500000   Max.   :1963.09   Max.   :20206.9   Max.   :1.734e+13
 NA's   :779689
```

```
### KODE ###
> table(blok41.exp$KODE,useNA="ifany")

     1      2      3      4      5      6      7      8      9     10     11     12
275475 274523   3475   8133  10466  12942   1289  46932    933 127577  64774  26367
    13     14     15     16     17     18     19     20     21     22     23     24
  9610  11289  44018   1264   1391   1164   1624 247374  13241  62615   5432  19983
    25     26     27     28     29     30     31     32     33     34     35     36
 42424  16275  28299  15039  31435  18849  20520   6255   2772  77401  24003   8436
    37     38     39     40     41     42     43     44     45     46     47     48
  1702   2983   1250  18518   2241  17973  65148   9074  14765   4040   3629   5409
    49     50     51     52     53     54     55     56     57     58     59     60
 44286   4913   1399   3606 106527  15380   1336    924  10399  75548  12394   1177
    61     62     63     64     65     66     67     68     69     70     71     72
  1788    334   1027    223   1135   3860   1530   2091   1481    997 218301 186116
    73     74     75     76     77     78     79     80     81     82     83     84
 18610  10514   2762    339   5765    995   5442  49144  22161  18029    621   1741
    85     86     87     88     89     90     91     92     93     94     95     96
273119 137507 144042  50876  25412  46786  33005 118965 116060  41322  43536 104242
    97     98     99    100    101    102    103    104    105    106    107    108
 81234  39983  29004  11457  53704  38354  24246  22824   3948  12084  10582 252600
   109    110    111    112    113    114    115    116    117    118    119    120
228145 148802  34481 178926    922  44744 200282  12871   5047   1453   8925    285
   121    122    123    124    125    126    127    128    129    130    131    132
  2403 158750 168596   4809   3260    513 213624  61029  33721  23324   4314  21238
   133    134    135    136    137    138    139    140    141    142    143    144
  2942   9749  22516   6343  25735  22076  70391  31599   6926   2745   1478   1780
   145    146    147    148    149    150    151    152    153    154    155    156
 18077   4486   4160  23947    103  10901 271176  62269   1264 203624 111541   5341
   157    158    159    160    161    162    163    164    165    166    167    168
  4287 266027 257461  41995 171797 152388   1691   1371   8864   6085 272901 269944
   169    170    171    172    173    174    175    176    177    178    179    180
 96345  86979  98243  96422   7214   3284 103267 120638 209083  18110  52857  90600
   181    182    183    184    185    186    187    188    189    190    191    192
200060 186283   1616   2899   3799  41738   2880   3400   2141   1153 256698  28099
   193    194    195    196    197    198    199    200    201    202    203    204
 85969  58611  89535 130932  13952  38254  81059  28231  23675  33187  31696  21232
   205    206    207    208    209    210    211    212    213    214    215    216
 98532  11540 121383  20225  20252  82542  21152  56168  19986  23043   9253   9911
   217    218    219    220    221    222    223    224    225    226    227    228
 87554  20420  65097    794    296   4861 197320 115388  50040  16714  27130  15499
   229
 16755

### KLP ###
> table(blok41.exp$KLP,useNA="ifany")

      0       1       10       20       53       71       85      115      127      151      158
3126461  358693  161501  593915  131624  322239 2077793  366912  409580  388326  641652
    167      181      191      223
1252986  245909 1337441  241526
```

☐ Consistency check

The variable B41K8 (total quantity) should be the sum of B41K4 (quantity purchased) and B41K6 (quantity of own consumption). However, there are many inconsistencies.

```
> table(d$B41K8==(d$B41K4+d$B41K6))
   FALSE     TRUE
  764024 10892534
```

The majority cause of inconsistencies is missing data of B41K4 (quantity purchased).

```
> dim(d[abs(d$B41K8-(d$B41K4+d$B41K6))>0 & d$B41K4==0,1:14])
[1] 753310     14
```

Example of inconsistencies

```
> head(d[abs(d$B41K8-(d$B41K4+d$B41K6))>0,1:14])
   B1R1 B1R2 B1R5    B1R7 B1R8 KODE B2R1 KLP B41K4  B41K5 B41K6 B41K7 B41K8  B41K9
19   11    1    1 2003700    1    1    8   0     0 150000     0     0  15.0 150000
21   11    1    1 2003700    1   10    8   0     0   6000     0     0   0.5   6000
23   11    1    1 2003700    1   20    8   0     0 200000     0     0  14.0 200000
30   11    1    1 2003700    1   71    8   0     0   9000     0     0   0.7   9000
32   11    1    1 2003700    1   85    8   0     0  41000     0     0  15.0  41000
40   11    1    1 2003700    1  115    8   0     0  20000     0     0  10.0  20000
```

The variable B41K9 (total value of consumption) should be the sum of B41K5 (amount purchased) and B41K7 (value of own production). However, there are 29 inconsistencies.

```
> table(abs(d$B41K9-(d$B41K5+d$B41K7))<1)
   FALSE     TRUE
      29 11656529
```

Example of inconsistencies

```
> head(d[abs(d$B41K9-(d$B41K5+d$B41K7))>0,1:14])
         B1R1 B1R2 B1R5    B1R7 B1R8 KODE B2R1 KLP B41K4  B41K5 B41K6 B41K7 B41K8 B41K9
11081886   81   72    1 2270314    1  167    2   0 59.80  16994     0     0 59.30 13244
11081890   81   72    1 2270314    1  180    2 167  2.00   6875     0     0  1.50  3125
11082874   81   72    1 2270270    4  167    4   0  1.55   4500     0     0  0.85  3500
11082877   81   72    1 2270270    4  180    4 167  0.85   2000     0     0  0.15  1000
11082878   81   72    1 2270270    4  191    4   0 35.34 119000     0     0 13.34 89000
11082879   81   72    1 2270270    4  194    4 191 26.10  32000     0     0  6.10 12000
```

blok41.kalori : food calorie

```
> summary(blok41.kalori)
      B1R1            B1R2           B1R5            B1R7            B1R8
 Min.   :11.00   Min.   : 1.0   Min.   :1.000   Min.   :2003602   Min.   : 1.000
 1st Qu.:18.00   1st Qu.: 4.0   1st Qu.:1.000   1st Qu.:2073965   1st Qu.: 3.000
 Median :34.00   Median : 9.0   Median :2.000   Median :2139878   Median : 5.000
 Mean   :40.61   Mean   :22.8   Mean   :1.556   Mean   :2142025   Mean   : 5.471
 3rd Qu.:62.00   3rd Qu.:25.0   3rd Qu.:2.000   3rd Qu.:2211223   3rd Qu.: 8.000
 Max.   :94.00   Max.   :79.0   Max.   :2.000   Max.   :2288908   Max.   :10.000
      KODE            B2R1            KLP             KALORI
 Min.   :  1.0   Min.   : 1.000   Min.   :  0.00   Min.   :     0.0
 1st Qu.: 86.0   1st Qu.: 3.000   1st Qu.:  0.00   1st Qu.:    95.0
 Median :134.0   Median : 4.000   Median : 85.00   Median :   520.8
 Mean   :126.6   Mean   : 4.085   Mean   : 89.02   Mean   :  2570.1
 3rd Qu.:176.0   3rd Qu.: 5.000   3rd Qu.:167.00   3rd Qu.:  1810.0
 Max.   :229.0   Max.   :25.000   Max.   :223.00   Max.   :257162.0
    PROTEIN            LEMAK             KARBO              WERT
 Min.   :   0.000   Min.   :    0.00   Min.   :    0.00   Min.   :   1.00
 1st Qu.:   2.645   1st Qu.:    0.73   1st Qu.:    2.02   1st Qu.:  88.63
 Median :  13.000   Median :    6.46   Median :   31.06   Median : 159.29
 Mean   :  72.735   Mean   :   57.61   Mean   :  411.57   Mean   : 231.54
 3rd Qu.:  55.180   3rd Qu.:   48.06   3rd Qu.:  175.00   3rd Qu.: 328.24
 Max.   :8515.660   Max.   :17730.00   Max.   :55060.50   Max.   :1963.09
     WEIND            SERIES
 Min.   :    2.0   Min.   :2.206e+10
 1st Qu.:  318.2   1st Qu.:4.838e+11
 Median :  614.7   Median :1.119e+12
 Mean   :  934.8   Mean   :1.927e+12
 3rd Qu.: 1237.3   3rd Qu.:2.427e+12
 Max.   :20206.9   Max.   :1.734e+13
```

The first eight identification variables are identical between blok41.exp and blok41.kalori.

```
> for(j in 1:8){
+ cat(colnames(blok41.kalori)[j],"¥n")
+ print(table(blok41.kalori[,j]==blok41.exp[,j]))
+ }
B1R1
    TRUE
11656558
B1R2
    TRUE
```

```
11656558
B1R5
    TRUE
11656558
B1R7
    TRUE
11656558
B1R8
    TRUE
11656558
KODE
    TRUE
11656558
B2R1
    TRUE
11656558
KLP
    TRUE
11656558
```

blok42 : non-food expenditure for three months

```
> summary(blok42)
      B1R1            B1R2            B1R5            B1R7            B1R8
 Min.   :11.00   Min.   : 1.00   Min.   :1.000   Min.   :2003602   Min.   : 1.00
 1st Qu.:18.00   1st Qu.: 4.00   1st Qu.:1.000   1st Qu.:2076738   1st Qu.: 3.00
 Median :35.00   Median :10.00   Median :2.000   Median :2143514   Median : 5.00
 Mean   :41.22   Mean   :23.07   Mean   :1.553   Mean   :2144211   Mean   : 5.47
 3rd Qu.:62.00   3rd Qu.:26.00   3rd Qu.:2.000   3rd Qu.:2213331   3rd Qu.: 8.00
 Max.   :94.00   Max.   :79.00   Max.   :2.000   Max.   :2288908   Max.   :10.00
      KODE            B2R1            KLP            B42K2
 Min.   :230.0   Min.   : 1.000   Min.   :  0.0   Min.   :     0.00
 1st Qu.:257.0   1st Qu.: 3.000   1st Qu.:230.0   1st Qu.:     0.00
 Median :273.0   Median : 4.000   Median :261.0   Median :     0.00
 Mean   :279.2   Mean   : 4.087   Mean   :218.7   Mean   :    10.07
 3rd Qu.:304.0   3rd Qu.: 5.000   3rd Qu.:261.0   3rd Qu.:     0.00
 Max.   :343.0   Max.   :25.000   Max.   :337.0   Max.   :110009.00
     B42K3             B42K4             B42K5             B42K6
 Min.   :        0   Min.   :        0   Min.   :        0   Min.   :        1
 1st Qu.:     1546   1st Qu.:     1640   1st Qu.:     4000   1st Qu.:    23000
 Median :    16000   Median :    15580   Median :    18000   Median :    60000
 Mean   :    88544   Mean   :    83765   Mean   :    95428   Mean   :   267732
 3rd Qu.:    54000   3rd Qu.:    53000   3rd Qu.:    60000   3rd Qu.:   182000
 Max.   :697500000   Max.   :390000000   Max.   :420000000   Max.   :697500000
      WERT              WEIND            SERIES
 Min.   :   1.00   Min.   :    2.0   Min.   :2.206e+10
 1st Qu.:  88.03   1st Qu.:  316.0   1st Qu.:4.940e+11
 Median : 157.05   Median :  606.8   Median :1.131e+12
 Mean   : 229.68   Mean   :  923.2   Mean   :1.952e+12
 3rd Qu.: 326.35   3rd Qu.: 1220.7   3rd Qu.:2.474e+12
 Max.   :1963.09   Max.   :20206.9   Max.   :1.734e+13
```

```
### KODE ###
> table(blok42$KODE,useNA="ifany")
   230    232    233    234    235    236    238    240    242    244    246    248
277835 255242   9904  10249   9837  30860 247700  64636 109926    974 127787   7207
   250    251    253    254    255    256    257    258    259    260    261    262
  4682    917   2967 159193 244814  15230 207040   4213   2611  40813 277316 281241
   263    264    265    266    267    268    269    270    271    272    273    274
223608 180809 271518 100353  19575  37136  10754   6924  44029  36028  40561   8669
   275    276    277    278    279    280    281    282    283    284    285    286
  1779  24850 160945  51877   1969   6773   4605   2061  87021  51940  13022 136552
   287    288    289    290    292    294    296    297    298    299    300    301
 42170  94390 122246  16388 165391   6040 133704  89975 154707  28647   7150  15000
```

```
  302    303    304    305    306    307    308    309    310    311    312    313
23963 204349 105641 109432 104002  14477  14291 128699  40783  29157 131539   9960
  314    315    316    317    318    319    320    321    322    323    324    325
 6192  25156  47409  61481   3886   4241  10587   3618  12992   4401  29182  11035
  326    327    328    329    330    331    332    333    334    335    336    337
 2165   9124   4904   6373 228327 196792 127438  86012   8925   3636   3289  51282
  338    339    340    341    342    343
 5565   3165   8302    754  35027   4358

### KLP ###
> table(blok42$KLP,useNA="ifany")
      0     230     261     303     312     330     337
1170648 1556802 2704370  546482  252706  426092   57171
```

The variable B42K6 (Total expenditure on non-food items for 1 to 3 months) should be the sum of B42K3, B42K4 and B42K5. **However, there are 448 inconsistencies.**

```
> d<-blok42
> d$sum<-d$B42K3+d$B42K4+d$B42K5
> table(d$sum==d$B42K6)
  FALSE    TRUE
    448 6713823
```

Example of inconsistencies

```
> head(d[abs(d$B42K6-d$sum)>0,c(4:13,17)])
           B1R7 B1R8 KODE B2R1 KLP B42K2  B42K3   B42K4  B42K5   B42K6     sum
2900633 2126150    1  261    4   0     0 631600 3568300 599600 4766500 4799500
2900635 2126150    1  263    4 261     0  42000    9000   9000   27000   60000
2900826 2126055    1  261    2   0     0 780200  738200 997200 2512600 2515600
2900827 2126055    1  262    2 261     0  17700   14700  14700   44100   47100
2901425 2126606    1  261    3   0     0 265283  242383 278783  759949  786449
2901427 2126606    1  263    3 261     0  36800   10300  10300   30900   57400
```

blok43 : monthly household-level summary

```
> summary(blok43)
      B1R1            B1R2            B1R5            B1R7            B1R8
 Min.   :11.00   Min.   : 1.00   Min.   :1.000   Min.   :2003602   Min.   : 1.00
 1st Qu.:18.00   1st Qu.: 4.00   1st Qu.:1.000   1st Qu.:2074929   1st Qu.: 3.00
 Median :35.00   Median : 9.00   Median :2.000   Median :2146255   Median : 5.00
 Mean   :42.15   Mean   :21.73   Mean   :1.589   Mean   :2146255   Mean   : 5.49
 3rd Qu.:63.00   3rd Qu.:23.00   3rd Qu.:2.000   3rd Qu.:2217582   3rd Qu.: 8.00
 Max.   :94.00   Max.   :79.00   Max.   :2.000   Max.   :2288908   Max.   :10.00
      B2R1            KALORI          FOOD             NFOOD
 Min.   : 1.000   Min.   :1000   Min.   :   51000   Min.   :     2667
 1st Qu.: 3.000   1st Qu.:1566   1st Qu.:  673971   1st Qu.:   344516
 Median : 4.000   Median :1909   Median :  995143   Median :   607204
 Mean   : 3.919   Mean   :2014   Mean   : 1159630   Mean   :  1063933
 3rd Qu.: 5.000   3rd Qu.:2338   3rd Qu.: 1454357   3rd Qu.:  1127238
 Max.   :25.000   Max.   :4500   Max.   :23107714   Max.   :252582667
     EXPEND            KAPITA             WERT             WEIND
 Min.   :    93602   Min.   :   59208   Min.   :   1.00   Min.   :    2.0
 1st Qu.:  1088594   1st Qu.:  301082   1st Qu.:  83.25   1st Qu.:  280.1
 Median :  1663538   Median :  458984   Median : 147.88   Median :  543.5
 Mean   :  2223563   Mean   :  625772   Mean   : 219.52   Mean   :  845.2
 3rd Qu.:  2602762   3rd Qu.:  731226   3rd Qu.: 308.54   3rd Qu.: 1099.6
 Max.   :255974810   Max.   :85324937   Max.   :1963.09   Max.   :20206.9
     SERIES
 Min.   :2.206e+10
 1st Qu.:5.266e+11
 Median :1.196e+12
 Mean   :2.070e+12
 3rd Qu.:2.621e+12
 Max.   :1.734e+13
```

The variable WERT (household weight) in blok43 is identical with FWT in kor11rt.

```
> table(blok43$WERT==kor11rt$FWT)
[1] 285307
```

The variable WEIND (individual weight) is WERT multiplied by B2R1 (household size).

```
> table(abs(blok43$WEIND-blok43$B2R1*blok43$WERT)<1)
  TRUE
285307
```

The variable EXPEND (monthly household total expenditure) is the sum of FOOD and NFOOD.

```
> table(abs(blok43$EXPEND-(blok43$FOOD+blok43$NFOOD))<1)
  TRUE
285307
```

The variable KAPITA (monthly per capita expenditure) is EXPEND divided by B2R1.

```
> table(abs(blok43$KAPITA-(blok43$EXPEND/blok43$B2R1))<1)
  TRUE
285307
```

☐ **Relationship with other data frames**

The variable FOOD (monthly household food expenditure) is the household-level B41K9 in blok41.exp **multiplied by 30/7**.

```
> d<-subset(blok41.exp,KLP>0)
> dim(d)
[1] 8530097      18
> t<-tapply(d$B41K9,d$B1R7,sum)
> length(t)
[1] 285307
> table(abs(t*30/7-blok43[order(blok43$B1R7),"FOOD"])<1)
  TRUE
285307
```

The variable NFOOD (monthly household non-food expenditure) is the household-level B42K6 in blok42 **divided by 3**.

```
> d<-subset(blok42,KLP>0)
> dim(d)
[1] 5543623      16
> t<-tapply(d$B42K6,d$B1R7,sum)
> length(t)
[1] 285307
> table(abs(t/3-blok43[order(blok43$B1R7),"NFOOD"])<1)
  TRUE
285307
```

The variable KALORI (daily average consumption of calorie per capita) is the household-level per capita calorie KALORI/B2R1 in blok41.kalori divided by 7.

```
> d<-subset(blok41.kalori,KLP>0)
> dim(d)
[1] 8530097      15
```

```
> t<-tapply(d$KALORI/d$B2R1,d$B1R7,sum)
> length(t)
[1] 285307
> table(abs(t/7-blok43[order(blok43$B1R7),"KALORI"])<1)
  TRUE
285307
```

6. Consumption

- The file blok43 includes monthly household-level variables of food, non-food and total consumption.

 # Average monthly consumption of food, non-food and total amount per household

```
> d<-blok43
> colnames(d)
 [1] "B1R1"   "B1R2"   "B1R5"   "B1R7"   "B1R8"   "B2R1"   "KALORI" "FOOD"
 [9] "NFOOD"  "EXPEND" "KAPITA" "WERT"   "WEIND"  "SERIES"
> apply(d[,8:10],2,function(x) weighted.mean(x,d$WERT))
   FOOD   NFOOD  EXPEND
1117853 1121512 2239365
```

#Or,

```
> apply(d[,8:10],2,function(x) sum(x*d$WERT))/sum(d$WERT)
   FOOD   NFOOD  EXPEND
1117853 1121512 2239365
```

 # Average monthly consumption of food, non-food and total amount per capita

```
> apply(d[,8:10],2,function(x) weighted.mean(x/d$B2R1,d$WEIND))
    FOOD    NFOOD   EXPEND
290342.4 291293.0 581635.4
```

#Or,

```
> apply(d[,8:10],2,function(x) sum(x*d$WERT))/sum(d$WERT*d$B2R1)
    FOOD    NFOOD   EXPEND
290342.4 291293.0 581635.4
```

- The disaggregation by subgroups will be appended to blok43.

FOOD

☐ **Generated household-level food expenditure by subgroup from records of subtotals.**

```
> df<-blok43
> subtotal<-c(1,10,20,53,71,85,115,127,151,158,167,181,191,223)
> for(j in subtotal){
+ d<-subset(blok41.exp,KLP==0 & KODE==j)
+ df<-merge(df,d[,c("B1R7","B41K9")],by="B1R7",all.x=T)
+ colnames(df)[ncol(df)]<-paste("SG",j,sep="-")
+ }

> dim(df)
[1] 285307     28
> head(df)
     B1R7 B1R1 B1R2 B1R5 B1R8 B2R1    KALORI       FOOD     NFOOD    EXPEND
1 2003602   11    1    2    1    4 1647.614 1117714.3 1033116.7 2150831.0
2 2003603   11    1    2    2    1 1969.664  303857.1  205176.7  509033.8
3 2003604   11    1    2    3    7 1015.076  679285.7  610061.7 1289347.4
4 2003605   11    1    2    4    5 1049.866  633857.1  535948.3 1169805.5
5 2003606   11    1    2    5    6 1077.124  762000.0  797880.0 1559880.0
6 2003607   11    1    2    6    4 1067.711  807857.1  474980.0 1282837.1
    KAPITA     WERT     WEIND        SERIES  SG-1 SG-10 SG-20 SG-53 SG-71 SG-85
1 537707.7 38.15055 152.60222  44119316040 43000    NA 48000    NA 13900 26000
2 509033.8 49.33569  49.33569  88238676120 18000    NA 18000    NA    NA  7000
3 184192.5 55.52716 388.69012 132358080240 83000    NA 27600    NA    NA 11000
4 233961.1 47.07539 235.37693 176477528400 42000    NA 48000    NA    NA 13000
5 259980.0 43.83154 262.98926 220597020600 55000    NA 69000    NA    NA 17000
6 320709.3 54.55240 218.20961 264716556840 72000    NA 46000    NA  7500 21000
  SG-115 SG-127 SG-151 SG-158 SG-167 SG-181 SG-191 SG-223
1     NA  13000   7000  14000   1900  11000  32000  51000
2     NA     NA   4000   4000    900   2000     NA  17000
3     NA   6000  13000     NA   2900   2000     NA  13000
4     NA   8000  11000     NA    900   3000     NA  22000
5     NA   7000  13000     NA   1800   2000     NA  13000
6     NA   9000   7000     NA   2000     NA     NA  24000


# Converted to monthly
> df[is.na(df)]<-0
> df[,15:28]<-round(df[,15:28]*30/7,1)
> head(df)
     B1R7 B1R1 B1R2 B1R5 B1R8 B2R1    KALORI       FOOD     NFOOD    EXPEND
1 2003602   11    1    2    1    4 1647.614 1117714.3 1033116.7 2150831.0
2 2003603   11    1    2    2    1 1969.664  303857.1  205176.7  509033.8
3 2003604   11    1    2    3    7 1015.076  679285.7  610061.7 1289347.4
4 2003605   11    1    2    4    5 1049.866  633857.1  535948.3 1169805.5
```

```
5 2003606   11    1    2    5    6 1077.124  762000.0  797880.0 1559880.0
6 2003607   11    1    2    6    4 1067.711  807857.1  474980.0 1282837.1
    KAPITA     WERT      WEIND       SERIES     SG-1 SG-10    SG-20 SG-53
1 537707.7 38.15055 152.60222  44119316040 184285.7     0 205714.3     0
2 509033.8 49.33569  49.33569  88238676120  77142.9     0  77142.9     0
3 184192.5 55.52716 388.69012 132358080240 355714.3     0 118285.7     0
4 233961.1 47.07539 235.37693 176477528400 180000.0     0 205714.3     0
5 259980.0 43.83154 262.98926 220597020600 235714.3     0 295714.3     0
6 320709.3 54.55240 218.20961 264716556840 308571.4     0 197142.9     0
    SG-71    SG-85 SG-115  SG-127  SG-151  SG-158  SG-167  SG-181   SG-191
1 59571.4 111428.6      0 55714.3 30000.0 60000.0  8142.9 47142.9 137142.9
2     0.0  30000.0      0     0.0 17142.9 17142.9  3857.1  8571.4      0.0
3     0.0  47142.9      0 25714.3 55714.3     0.0 12428.6  8571.4      0.0
4     0.0  55714.3      0 34285.7 47142.9     0.0  3857.1 12857.1      0.0
5     0.0  72857.1      0 30000.0 55714.3     0.0  7714.3  8571.4      0.0
6 32142.9  90000.0      0 38571.4 30000.0     0.0  8571.4     0.0      0.0
    SG-223
1 218571.4
2  72857.1
3  55714.3
4  94285.7
5  55714.3
6 102857.1

# Consistency check with the variable of FOOD
> table(abs(df$FOOD-rowSums(df[,15:28]))<1)
  TRUE
285307


# Monthly mean expenditure by food subgroup
> t<-apply(df[,c(8,15:28)],2,function(x) weighted.mean(x,df$WERT))
> m<-data.frame(subgroup=names(t),mean=round(t),row.names=NULL)
> groupnames<-c("Cereals","Tubers","Fish","Meat","Eggs and milk","Vegetables",
+ "Legumes","Fruits","Oil and fats","Beverages stuffs","Spices","Miscellaneous",
+ "Prepared food","Tobacco")
> rownames(m)<-c("Food total",groupnames)
> m
                subgroup    mean
Food total          FOOD 1117853
Cereals             SG-1  185182
Tubers             SG-10   11173
Fish               SG-20   94629
Meat               SG-53   45184
Eggs and milk      SG-71   66939
Vegetables         SG-85   89887
Legumes           SG-115   29901
Fruits            SG-127   50965
Oil and fats      SG-151   41542
Beverages stuffs  SG-158   43054
```

```
Spices              SG-167   23486
Miscellaneous       SG-181   24758
Prepared food       SG-191  284498
Tobacco             SG-223  126653

> df.old<-df
```

NON FOOD

□ **Generated household-level non-food expenditure by subgroup from records of subtotals.**

```
> subtotal<-c(230,261,303,312,330,337)  # Codes of subtotals
> for(j in subtotal){
+ d<-subset(blok42,KLP==0 & KODE==j)
+ df<-merge(df,d[,c("B1R7","B42K6")],by="B1R7",all.x=T)
+ colnames(df)[ncol(df)]<-paste("SG",j,sep="-")
+ }
> dim(df)
[1] 285307     34
> head(df)
     B1R7 B1R1 B1R2 B1R5 B1R8 B2R1   KALORI      FOOD     NFOOD    EXPEND
1 2003602   11    1    2    1    4 1647.614 1117714.3 1033116.7 2150831.0
2 2003603   11    1    2    2    1 1969.664  303857.1  205176.7  509033.8
3 2003604   11    1    2    3    7 1015.076  679285.7  610061.7 1289347.4
4 2003605   11    1    2    4    5 1049.866  633857.1  535948.3 1169805.5
5 2003606   11    1    2    5    6 1077.124  762000.0  797880.0 1559880.0
6 2003607   11    1    2    6    4 1067.711  807857.1  474980.0 1282837.1
    KAPITA     WERT     WEIND       SERIES     SG-1 SG-10    SG-20 SG-53
1 537707.7 38.15055 152.60222  44119316040 184285.7     0 205714.3     0
2 509033.8 49.33569  49.33569  88238676120  77142.9     0  77142.9     0
3 184192.5 55.52716 388.69012 132358080240 355714.3     0 118285.7     0
4 233961.1 47.07539 235.37693 176477528400 180000.0     0 205714.3     0
5 259980.0 43.83154 262.98926 220597020600 235714.3     0 295714.3     0
6 320709.3 54.55240 218.20961 264716556840 308571.4     0 197142.9     0
    SG-71    SG-85 SG-115  SG-127  SG-151  SG-158  SG-167  SG-181   SG-191
1 59571.4 111428.6       0 55714.3 30000.0 60000.0  8142.9 47142.9 137142.9
2     0.0  30000.0       0     0.0 17142.9 17142.9  3857.1  8571.4      0.0
3     0.0  47142.9       0 25714.3 55714.3     0.0 12428.6  8571.4      0.0
4     0.0  55714.3       0 34285.7 47142.9     0.0  3857.1 12857.1      0.0
5     0.0  72857.1       0 30000.0 55714.3     0.0  7714.3  8571.4      0.0
6 32142.9  90000.0       0 38571.4 30000.0     0.0  8571.4     0.0      0.0
    SG-223  SG-230  SG-261 SG-303 SG-312 SG-330 SG-337
1 218571.4 1320260 1313000 138000 271000  57090     NA
2  72857.1  534730   65000  14000     NA   1800     NA
3  55714.3  767085  969000  92000     NA   2100     NA
4  94285.7  754865  836000     NA     NA  16980     NA
5  55714.3  776695 1575000  23000     NA  18945     NA
6 102857.1  442330  791800  12000 166000  12810     NA

# Converted to monthly
> df[is.na(df)]<-0
> df[,29:34]<-round(df[,29:34]/3,1)
> head(df)
     B1R7 B1R1 B1R2 B1R5 B1R8 B2R1   KALORI      FOOD     NFOOD    EXPEND
1 2003602   11    1    2    1    4 1647.614 1117714.3 1033116.7 2150831.0
2 2003603   11    1    2    2    1 1969.664  303857.1  205176.7  509033.8
```

```
3 2003604   11    1    2    3    7 1015.076  679285.7  610061.7 1289347.4
4 2003605   11    1    2    4    5 1049.866  633857.1  535948.3 1169805.5
5 2003606   11    1    2    5    6 1077.124  762000.0  797880.0 1559880.0
6 2003607   11    1    2    6    4 1067.711  807857.1  474980.0 1282837.1
    KAPITA     WERT     WEIND       SERIES     SG-1 SG-10    SG-20 SG-53
1 537707.7 38.15055 152.60222  44119316040 184285.7     0 205714.3     0
2 509033.8 49.33569  49.33569  88238676120  77142.9     0  77142.9     0
3 184192.5 55.52716 388.69012 132358080240 355714.3     0 118285.7     0
4 233961.1 47.07539 235.37693 176477528400 180000.0     0 205714.3     0
5 259980.0 43.83154 262.98926 220597020600 235714.3     0 295714.3     0
6 320709.3 54.55240 218.20961 264716556840 308571.4     0 197142.9     0
    SG-71    SG-85 SG-115  SG-127  SG-151  SG-158  SG-167  SG-181   SG-191
1 59571.4 111428.6       0 55714.3 30000.0 60000.0  8142.9 47142.9 137142.9
2     0.0  30000.0       0     0.0 17142.9 17142.9  3857.1  8571.4      0.0
3     0.0  47142.9       0 25714.3 55714.3     0.0 12428.6  8571.4      0.0
4     0.0  55714.3       0 34285.7 47142.9     0.0  3857.1 12857.1      0.0
5     0.0  72857.1       0 30000.0 55714.3     0.0  7714.3  8571.4      0.0
6 32142.9  90000.0       0 38571.4 30000.0     0.0  8571.4     0.0      0.0
    SG-223   SG-230   SG-261  SG-303  SG-312 SG-330 SG-337
1 218571.4 440086.7 437666.7 46000.0 90333.3  19030      0
2  72857.1 178243.3  21666.7  4666.7     0.0    600      0
3  55714.3 255695.0 323000.0 30666.7     0.0    700      0
4  94285.7 251621.7 278666.7     0.0     0.0   5660      0
5  55714.3 258898.3 525000.0  7666.7     0.0   6315      0
6 102857.1 147443.3 263933.3  4000.0 55333.3   4270      0
```

 # Consistency check between the variable of NFOOD and the variables of subtotals

```
> table(abs(df$NFOOD-rowSums(df[,29:34]))<1)
 FALSE   TRUE
  7595 277712
```

Remarks:
There are 7,595 inconsistencies.

```
# Example of inconsistencies

> head(df[abs(df$NFOOD-rowSums(df[,29:34]))>=1,c(1,9,29:34)])
         B1R7     NFOOD  SG-230  SG-261 SG-303 SG-312 SG-330 SG-337
5522  2009123 181000.00 98333.3 82666.7      0      0   1000      0
18169 2021770 141333.33     0.0     0.0      0      0      0      0
18170 2021771 118000.00     0.0     0.0      0      0      0      0
18171 2021772  82666.67     0.0     0.0      0      0      0      0
18172 2021773 280000.00     0.0     0.0      0      0      0      0
18173 2021774 388300.00     0.0     0.0      0      0      0      0


> blok42[blok42$B1R7==2021770,]
       B1R1 B1R2 B1R5    B1R7 B1R8 KODE B2R1 KLP  B42K2 B42K3 B42K4 B42K5
417082   12   13    1 2021770    1  232    6 230    3.0 30000 30000 30000
```

```
417083   12   13    1 2021770    1  238    6 230 1571.0 52000 48000 56000
417084   12   13    1 2021770    1  242    6 230    3.0 13000 13000 13000
417085   12   13    1 2021770    1  250    6 230    1.0 16000 16000 16000
417086   12   13    1 2021770    1  292    6 261    3.0 14000 13000 16000
417087   12   13    1 2021770    1  296    6 261    0.8 16000 16000 16000
        B42K6     WERT    WEIND      SERIES
417082  90000 298.3076 1789.846 24524070100
417083 156000 298.3076 1789.846 24524070100
417084  39000 298.3076 1789.846 24524070100
417085  48000 298.3076 1789.846 24524070100
417086  43000 298.3076 1789.846 24524070100
417087  48000 298.3076 1789.846 24524070100
```

- A record of subtotal with KODE=230 and KLP=0 should exist in the data frame.

□ **Hence, generated household-level non-food expenditure by subgroup from records of items excluding subtotals.**

```
> d<-subset(blok42,KLP>0)
> dim(d)
[1] 5543623      16
> m<-tapply(d$B42K6,list(d$B1R7,d$KLP),sum)
> dim(m)
[1] 285307      6
> head(m)
            230     261    303    312   330 337
2003602 1320260 1313000 138000 271000 57090  NA
2003603  534730   65000  14000     NA  1800  NA
2003604  767085  969000  92000     NA  2100  NA
2003605  754865  836000     NA     NA 16980  NA
2003606  776695 1575000  23000     NA 18945  NA
2003607  442330  791800  12000 166000 12810  NA
> m[is.na(m)]<-0
> table(abs(blok43[order(blok43$B1R7),"NFOOD"]-rowSums(m)/3)<1)
  TRUE
285307
```

==========

Remarks:
Regarding the procedure of estimation of expenditure by using blok41 and blok42, the Delegates from Indonesia for 2017 WS recommended to firstly exclude the records of subtotal, then aggregate from item-level records.

Summary

- **In blok42, the record of sub-total with KLP=0 should be dropped from the resampled data set.**

==========

```
> d<-data.frame(rownames(m),round(m/3,1),row.names=NULL)
> colnames(d)<-c("B1R7","SG-230","SG-261","SG-303","SG-312","SG-330","SG-337")
> head(d)
     B1R7   SG-230   SG-261  SG-303  SG-312 SG-330 SG-337
1 2003602 440086.7 437666.7 46000.0 90333.3  19030       0
2 2003603 178243.3  21666.7  4666.7     0.0    600       0
3 2003604 255695.0 323000.0 30666.7     0.0    700       0
4 2003605 251621.7 278666.7     0.0     0.0   5660       0
5 2003606 258898.3 525000.0  7666.7     0.0   6315       0
6 2003607 147443.3 263933.3  4000.0 55333.3   4270       0

> df<-df.old
> dim(df)
[1] 285307     28

> df<-merge(df,d,by="B1R7",all.x=T)
> dim(df)
[1] 285307     34
> head(df)
     B1R7 B1R1 B1R2 B1R5 B1R8 B2R1   KALORI      FOOD     NFOOD    EXPEND
1 2003602   11    1    2    1    4 1647.614 1117714.3 1033116.7 2150831.0
2 2003603   11    1    2    2    1 1969.664  303857.1  205176.7  509033.8
3 2003604   11    1    2    3    7 1015.076  679285.7  610061.7 1289347.4
4 2003605   11    1    2    4    5 1049.866  633857.1  535948.3 1169805.5
5 2003606   11    1    2    5    6 1077.124  762000.0  797880.0 1559880.0
6 2003607   11    1    2    6    4 1067.711  807857.1  474980.0 1282837.1
    KAPITA     WERT     WEIND       SERIES     SG-1 SG-10    SG-20 SG-53
1 537707.7 38.15055 152.60222  44119316040 184285.7     0 205714.3     0
2 509033.8 49.33569  49.33569  88238676120  77142.9     0  77142.9     0
3 184192.5 55.52716 388.69012 132358080240 355714.3     0 118285.7     0
4 233961.1 47.07539 235.37693 176477528400 180000.0     0 205714.3     0
5 259980.0 43.83154 262.98926 220597020600 235714.3     0 295714.3     0
6 320709.3 54.55240 218.20961 264716556840 308571.4     0 197142.9     0
    SG-71    SG-85 SG-115  SG-127  SG-151  SG-158  SG-167  SG-181   SG-191
1 59571.4 111428.6       0 55714.3 30000.0 60000.0  8142.9 47142.9 137142.9
2     0.0  30000.0       0     0.0 17142.9 17142.9  3857.1  8571.4      0.0
3     0.0  47142.9       0 25714.3 55714.3     0.0 12428.6  8571.4      0.0
4     0.0  55714.3       0 34285.7 47142.9     0.0  3857.1 12857.1      0.0
5     0.0  72857.1       0 30000.0 55714.3     0.0  7714.3  8571.4      0.0
6 32142.9  90000.0       0 38571.4 30000.0     0.0  8571.4     0.0      0.0
    SG-223   SG-230   SG-261  SG-303  SG-312 SG-330 SG-337
1 218571.4 440086.7 437666.7 46000.0 90333.3  19030       0
2  72857.1 178243.3  21666.7  4666.7     0.0    600       0
3  55714.3 255695.0 323000.0 30666.7     0.0    700       0
4  94285.7 251621.7 278666.7     0.0     0.0   5660       0
5  55714.3 258898.3 525000.0  7666.7     0.0   6315       0
6 102857.1 147443.3 263933.3  4000.0 55333.3   4270       0


# Monthly mean expenditure by non-food subgroup
> t<-apply(df[,c(9,29:34)],2,function(x) weighted.mean(x,df$WERT))
> m<-data.frame(subgroup=names(t),mean=round(t),row.names=NULL)
> groupnames<-c("Housing and household facility","Goods and services","Clothing and footwear",
+ "Durable goods","Taxes and insurance","Parties and ceremonies")
> rownames(m)<-c("Non-food total",groupnames)
```

```
> m
                              subgroup    mean
Non-food total                   NFOOD 1121512
Housing and household facility   SG-230  448756
Goods and services               SG-261  402774
Clothing and footwear            SG-303   73956
Durable goods                    SG-312  125742
Taxes and insurance              SG-330   36223
Parties and ceremonies           SG-337   34062

> blok43.sg<-df
> dim(blok43.sg)
[1] 285307     34

> save(blok43.sg,file="blok43.sg.RData")
```

- Monthly expenditure per household and per capita by subgroup

```
> t1<-apply(df[,c(10,8,15:28,9,29:34)],2,function(x)
+ weighted.mean(x,df$WERT))
> t2<-apply(df[,c(10,8,15:28,9,29:34)],2,function(x)
+ weighted.mean(x/df$B2R1,df$WEIND))
> m<-data.frame(subgroup=names(t1),per.hh=round(t1),
+ per.capita=round(t2),row.names=NULL)
> fsg<-c("Cereals","Tubers","Fish","Meat","Eggs and milk","Vegetables",
+ "Legumes","Fruits","Oil and fats","Beverages stuffs","Spices","Miscellaneous",
+ "Prepared food","Tobacco")
> nfsg<-c("Housing and household facility","Goods and services","Clothing and footwear",
+ "Durable goods","Taxes and insurance","Parties and ceremonies")
> rownames(m)<-c("TOTAL","FOOD",fsg,"NON-FOOD",nfsg)
> m
                              subgroup  per.hh per.capita
TOTAL                           EXPEND 2239365     581635
FOOD                              FOOD 1117853     290342
Cereals                           SG-1  185182      48098
Tubers                           SG-10   11173       2902
Fish                             SG-20   94629      24578
Meat                             SG-53   45184      11736
Eggs and milk                    SG-71   66939      17386
Vegetables                       SG-85   89887      23347
Legumes                         SG-115   29901       7766
Fruits                          SG-127   50965      13237
Oil and fats                    SG-151   41542      10790
Beverages stuffs                SG-158   43054      11182
Spices                          SG-167   23486       6100
Miscellaneous                   SG-181   24758       6430
Prepared food                   SG-191  284498      73893
Tobacco                         SG-223  126653      32896
NON-FOOD                         NFOOD 1121512     291293
Housing and household facility   SG-230  448756     116556
Goods and services               SG-261  402774     104613
Clothing and footwear            SG-303   73956      19209
Durable goods                    SG-312  125742      32659
Taxes and insurance              SG-330   36223       9408
Parties and ceremonies           SG-337   34062       8847
```

7 Resampling

Strategy for resampling micro data

- Select B1R7 at the rate of 80% and set as hh.selected.

```
> d<-kor11rt
> d<-d[order(d$B1R7),]
> d$sn<-1:nrow(d)
> hh.selected<-d[d$sn%%5!=2,"B1R7"]
> length(hh.selected)
[1] 228245
> length(hh.selected)/nrow(d)
[1] 0.7999979
```

- Select records in each data frame which belong to the selected B1R7.

```
> korrt80<-subset(kor11rt, is.element(B1R7,hh.selected))
> dim(korrt80)
[1] 228245     89

> korind80<-subset(kor11ind, is.element(B1R7,hh.selected))
> dim(korind80)
[1] 894660    126

> food80<-subset(blok41.exp, is.element(B1R7,hh.selected))
> dim(food80)
[1] 9323482      18

> kalori80<-subset(blok41.kalori, is.element(B1R7,hh.selected))
> dim(kalori80)
[1] 9323482      15

> nonfood80<-subset(blok42, is.element(B1R7,hh.selected))
> dim(nonfood80)
[1] 5369815      16

> summary80<-subset(blok43, is.element(B1R7,hh.selected))
```

```
> dim(summary80)
[1] 228245     14
```

☐ Added WT; the household weight for resampled data.

```
> korrt80$WT<-korrt80$FWT/0.8
> korind80$WT<-korind80$FWT/0.8
> food80$WT<-food80$WERT/0.8
> kalori80$WT<-kalori80$WERT/0.8
> nonfood80$WT<-nonfood80$WERT/0.8
> summary80$WT<-summary80$WERT/0.8
```

➢ Dropped the records of sub-total with KLP=0 in food80, kalori80 and nonfood80.

```
> food80<-subset(food80,KLP>0)
> dim(food80)
[1] 6822367      19

> kalori80<-subset(kalori80,KLP>0)
> dim(kalori80)
[1] 6822367      16

> nonfood80<-subset(nonfood80,KLP>0)
> dim(nonfood80)
[1] 4433666      17

> ls()
[1] "food80"    "kalori80"  "korind80"  "korrt80"   "nonfood80" "summary80"
> save.image("G:¥¥SUSENAS2011¥¥Resampled_v1.1¥¥Resampled_v1.1.RData")
```

☐ Exported the resampled data in CSV format

```
> write.table(korrt80,file="korrt80.csv",sep=",",row.names=F)
> write.table(korind80,file="korind80.csv",sep=",",row.names=F)
> write.table(food80,file="food80.csv",sep=",",row.names=F)
```

```
> write.table(kalori80,file="kalori80.csv",sep=",",row.names=F)
> write.table(nonfood80,file="nonfood80.csv",sep=",",row.names=F)
> write.table(summary80,file="summary80.csv",sep=",",row.names=F)
>
```

Attachments List

1. Questionnaire
   - Core questionnaire
   - Consumption Module questionnaire

2. Data dictionary
   - kor11rt
   - kor11ind
   - blok41.exp
   - blok41.kalori
   - blok42
   - blok43

3. List of province and district

The Central Bureau of Statistics (BPS)

VSEN11.K

One set for District/City BPS

National Social Economic Survey of 2011

Main Information on Household and Household Members

Quarter: 1

Confidential

I. LOCATION IDENTIFICATION			
1	Province		
2	District/City *)		
3	Sub-district		
4	Village/kelurahan *)		
5	Village/kelurahan classification	1. Urban 2. Rural	
6	Census block number		
7	Sample code number		
8	Household sample sequential number		
9	Name of the head of household		
10	Address (road/street name, alley, RT/RW/village)		
11	Visit result	1. Success -> [**Block III**] 2. Refused -> [**Block III**] 3. Could not be found -> [**Block III**]	

II. SUMMARY (Filled after Block IV.A and Block V.D R.27.a with code 1)		
1	Total household members	
2	Total household members age 0 – 4 years	
3	Total household members age 5 years and up	
4	Total household members age 10 years and up	
5	Total household members age 10 years and up who are working in the past 3 months	

III. OFFICIAL INFORMATION		
Description	**Census Taker**	**Supervisor**
1. Name		
2. Official Code		
3. Position	1. Provincial BPS Staff 3. Statistics Clerk 2. District/City BPS Staff 4. Partner	1. Provincial BPS Staff 3. Statistics Clerk 2. District/City BPS Staff 4. Partner
4. Date	Day ____ Month ____	Day ____ Month ____
5. Signature		

*) Cross out as necessary

VI.A. HOUSEHOLD MEMBER INFORMATION

No	**Household member (HM) name** (People who live and eat in the household, including adult, children and toddler)	Relation with the head of household (**code**)	Gender 1. M 2. F	Age (**year**)	Marital status (**code**)	Have you become crime victim in the past one year? (**code**)	If Column 7 = 1 to 6, is it reported to police? 1. Yes 2. No	Travel frequency *) in the past 3 calendar months? If no travel, use code "00"	If traveling (Column 9 ≠ 0)		Household member age 0-17 years		Household member age 0-6 years		Household member age 3-6 years or Column 14 = 1 or 2	
									Main purpose of the last trip (**code**)	Main destination province of the last trip (**code**)	Have birth certificate from Registrar Office? Can be shown? (**code**)	If Column 12 = 3 or 4, what is the main reason? (**Do not read out the answer!**) (**code**)	Ever/ on pre-school education? 1. Yes, once 2. Yes, currently on 3. No	If Column 14 = 1 or 2, type of pre-school education (**code**)	Followed pre-school education in the past 3 months? 1. Yes 2. No	If Column 16 = 1, transportation facility used to go to school (**code**)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1		1														
2																
3																
4																
5																
6																
7																
8																
9																
10																

IV.B Any housemaid/ security guard/ driver who received meal but not live-in the house?
1. Yes 2. No -> [**B.V**]
If yes, total number:
Housemaid: ___ persons
Security guard: ___ persons
Driver: ___ persons
Other: ___ persons

Column 3 Code
Relation to the head of household
1. Head of household
2. Wife/husband
3. Child
4. In-law
5. Grandchild
6. Parent/in-law
7. Other family
8. Housemaid
9. Other

Column 6 Code
Marital Status
1. Not married
2. Married
3. Divorce
4. Divorce due to death

Column 7 Code
Type of crime
1. Yes, thievery
2. Yes, robbery
3. Yes, homicide
4. Yes, fraud
5. Yes, rape
6. Yes, other
7. No

Column 10 Code
Main purpose of the last trip
1. Holiday/recreation
2. Professional/business
3. Mission/meeting/congress
4. Education/training
5. Health
6. Pilgrim/religion
7. Visiting friend/family
8. Sports/culture
9. Other

Column 11 Code
Destination Province
See provincial code after Block X

Column 12 Code
Birth Certificate
1. Yes, can be shown
2. Yes, cannot be shown
3. Do not have
4. Do not know

Column 13 Code
Main reason of no birth certificate
1. Expensive/no fund
2. Far traveling distance
3. Do not know about birth certificate recording
4. Do not know the processing procedure
5. Do not see the need
6. Other

Column 15 Code
Pre-school education
1. Kindergarten/BA/RA
2. Playgroup
3. Daycare
4. PAUD/ Early Childhood Educ. (ECC)/BKB Integrated PAUD/*Posyandu* **)
5. Other PAUD/ECC (PAUD-TAAM, PAUD-PAK, PAUD-BIA, TKQ & other)**)

Column 17 Code
Transportation to school
1. Without vehicle
2. Bicycle
3. Private motorcycle
4. Pedicab/horse-drawn carriage
5. Public transportation with fixed route
6. Other public motor vehicle
7. Private car
8. Office-owned motorcycle
9. Office-owned car
10. Other

*) Travelling household member: trip to commercial tourist destinations, or stay in commercial accommodation, and or trip distance ≥ 100 Km (return), excluding commuter, school and work

**) PAUD: Early childhood education. Integrated PAUD with Toddler Family Care, PAUD – TAAM: Muslim Children PAUD, PAUD – SM: PAUD – Sunday School, PAUD – BIA: Catholic Children PAUD, TKQ: Koran Kindergarten

V. INDIVIDUAL INFORMATION ON HEALTH, EDUCATION, EMPLOYMENT, AND FAMILY PLANNING AND FERTILITY

Name: ____ Sequential No: ____

Birthplace, Province/country:[1] ____

District/city:[1] ____

Residence location five years ago:

Province/country:[1] ____

District/city:[1] ____

[**Fill with "00" if household member age = 00-04 years**]

Biological mother sequential number: ____

[**Fill with "00" if the biological mother is not living in this household**]

Information provider:

Name: ____ Sequential No: ____

V.A. HEALTH INFORMATION (ALL AGES)

1. Any health complaint in **the past one month**?
   (**read from a to h**)
   [**Code 1 if yes, 2 if no**]
   a. Fever
   b. Cough
   c. Cold
   d. Asthma/breathlessness
   e. Diarrhea
   f. Migraine
   g. Toothache
   h. Other[2]
   [**If all R.1 = 2, go to R.7**]
2. If there is a complaint, did it disrupt job, school or daily activities?
   1. Yes 2. No -> [**R.4.a**]
3. Period of disruption: ____ days

4.a. Ever performed self-medication in the past 1 month?
   1. Yes 2. No -> [**R.5**]

b. Type of medicine/treatment method used:
   [**Code 1 for yes, 2 for no**]
   1. Traditional medicine
   2. Modern medicine
   3. Other

5. Ever become an outpatient in the past one month?
   1. Yes 2. No -> [**R.7**]
6. How many times became outpatient in the past one month?
   [**Fill outpatient frequency for each facility**]
   a. State hospital
   b. Private hospital
   c. Doctor/polyclinic
   d. Health clinic
   e. Medical worker practice
   f. Traditional treatment
   g. Maternity healer
   h. Other
7. Ever become an outpatient in the past six months?
   1. Yes 2. No
8. Ever become an inpatient in the past one year?
   1. Yes 2. No -> [**Block V.B**]
9. Inpatient period (in days):
   a. State hospital ___ d. Medical worker practice ___
   b. Private hospital ___ e. Traditional treatment ___
   c. Health clinic ___ f. Other ___

V.B. TODDLER HEALTH (CHILD AGE 0-59 MONTHS)

10.a. Age in month: _____ months
   (To **R.11** if ≠ 0)

b. If **R.10.a = 00**, age in day: ____ days

11. Who assisted the birth process?
   [**Fill code to box**]
   1. Doctor
   2. Midwife
   3. Other paramedic
   4. Maternity healer
   5. Family
   6. Other

   First a. □
   Last b. □

12. How many times the child received immunization?
   [**Code 0 for no immunization yet**]
   a. BCG
   b. DPT
   c. Polio
   d. Measles/Morbili
   e. Hepatitis B

13.a. Ever provided with breast milk?
   1. Yes 2. No -> [**Other household member**]

b. If "yes" [**R.13.a = 1**], period of breast milk provision [fill in days if age < 1 month and in months if age is ≥ 1 month]:
   1. Period of provided with breast milk: ___ 1□
   2. Breast milk exclusive: ___ 2□
   3. Breast milk and complimentary food: ___ 3□

V.C. EDUCATIONAL INFORMATION (FOR HOUSEHOLD MEMBER AGE FIVE YEARS UP)

14. Schooling participation:
   1. No/never in school -> [**R.19**]
   2. Still in school
   3. No longer in school
15. The highest education type and level currently studied/passed:
   1. Elementary school
   2. *M. Ibtidaiyah*
   3. Package A
   4. Public junior high
   5. *M. Tsanawiyah*
   6. Package B
   7. Senior High
   8. *M. Aliyah* (Islamic school)
   9. Vocational School
   10. Package C
   11. Diploma 1/ 2
   12. Diploma 3/Bachelor Degree
   13. Diploma 4/S1
   14. S2/S3
16. Highest class/level studied/currently studied:
   1 2 3 4 5 6 7 8 (Graduated)
17. Highest diploma obtained:
   1. No elementary sch. diploma
   2. Elementary school
   3. *M. Ibtidaiyah*
   4. Package A
   5. Junior high
   6. *M. Tsanawiyah*
   7. Package B
   8. Senior high
   9. *M. Aliyah*
   10. Vocational school
   11. Package C
   12. Diploma 1/ 2
   13. Diploma 3
   14. Diploma 4/S1
   15. S2/S3
18.a. Received education in the past 3 months?
   1. Yes 2. No -> [**R.19**]

[1] Cross out as necessary

[2] For example: Measles, ear infection, liver disease, convulsions, palsy, senile, accident etc.

b. If yes (**R.18.a = 1**), transportation facility generally used to go to school:

1. Without vehicle
2. Bicycle
3. Private motorcycle
4. Pedicab/horse-drawn carriage
5. Public transportation with fixed route
6. Other public motor vehicle
7. Private car
8. Office-owned motorcycle
9. Office-owned car
10. Other

19. Can read and write:
[**Code 1 for yes, 2 for no**]
a. Latin alphabets
b. Arabian alphabets
c. Other alphabets

20. Ever access the Internet in the past 3 months?
1. Yes 2. No -> [**R.22**]

21. If yes (**R.20 = 1**), location/media to access the Internet:
[**Code 1 for yes, 2 for no**]
1. House
2. Internet kiosk
3. Office
4. School
5. Cellphone
6. Other (for example: Portable modem)

FOR HOUSEHOLD MEMBER AGE 5 – 24 YEARS OLD

22. If **R.14 = 1 or 3**, reason why never go to school or no longer in school:
1. No money
2. Working
3. Married/handle household
4. Feel sufficient education
5. Underage
6. Bashful due to economic Condition
7. Far distance to school
8. Disabled
9. Waiting for announcement
10. Not accepted
11. Other

23. If **R.14 = 3**, when did you quit school?
[**Fill with '00' and '0000' if quit prior to 2001**]
Month: ____ Year: ____

V.D. EMPLOYMENT
(FOR HOUSEHOLD MEMBER AGE 10 YEARS UP)

24. a. Did you perform the following activity in the past one week?
1. Work 1. Yes 2. No
2. School 1. Yes 2. No
3. Handling household 1. Yes 2. No
4. Other beside personal activity[3] 1. Yes 2. No
[**If R.24.a.1 to 4 = 2, go to R.25**]
b. From activities 1 to 4 above which stated "Yes," what activity used the most time in the past one week?
1 2 3 4
[**If R.24.a.1 = 1, go to R.26**]

25. Do you have work/business, but temporarily not working for the past one week?
1. Yes 2. No

26. Are you looking for work or preparing for business during the past one week?
1. Yes 2. No

27.a. Did you work in the past 3 months?
1. Yes 2. No
b. If yes (**R.27.a = 1**), transportation facility generally used to go to work:
1. Without vehicle
2. Bicycle
3. Private motorcycle
4. Pedicab/horse-drawn carriage
5. Public transportation with fixed route
6. Other public motor vehicle
7. Private car
8. Office-owned motorcycle
9. Office-owned car
10. Other

ONLY FOR WORKING HOUSEHOLD MEMBER
[R.24.a.1 = 1 or R.25 = 1]

28. a. Total work days in the past one week: ____ days
b. Total work hour from all jobs in the past one week: ____ hours

29. The amount of net wage/salary (money and goods) generally received in a month from the main job:
Rp _____

30. Main business/job from workplace in the past one week:
1. Rice and crops agriculture
2. Horticulture
3. Plantation
4. Fisheries
5. Livestock
6. Forestry & other agriculture
7. Mining and quarrying
8. Processing industry
9. Electricity and gas
10. Construction/building
11. Trading
12. Hotel and restaurant
13. Transportation and warehousing
14. Information and communications
15. Finance and insurance
16. Educational services
17. Health services
18. Public, governmental and individual services
19. Other

31. Position/status of the main job in the past one week:
1. Self-owned business/freelance
2. Self-owned business with non-permanent/non-paid worker
3. Self-owned business with permanent/paid worker
4. Worker/employee/staff
5. Freelancer
6. Family or non-paid worker

V.E. FERTILITY & FAMILY PLANNING
(FOR WOMEN AGE 10 YEARS AND UP WITH A STATUS OF MARRIED, DIVORCED, DIVORCE DUE TO DEATH OF SPOUSE
(Block IV Column 4 = 2 & Column 6 = 2, 3 or 4)

32. Age when married for the first time ____ years

33. Total years in marriage: ____ years

[3] Other activities include: sports, course, picnic and social activities (organization, volunteering)

34. Total child born from marriage	M	F	M+F
a. Member of household, live birth			
b. Member of household, still alive			
c. Member of household, already deceased			

35. The use/wearing of family planning device/method?
1. Using it now
2. No longer use it -> [**R.37**]
3. Never use it -> [**R.37**]

36. If currently using (**R.35 = 1**), the selected family planning device/method:
1. Women/tubectomy
2. Men/vasectomy
3. IUD/spiral
4. Injection
5. Implant/norplant
6. Birth control pill
7. Condom/rubber
8. Intravag/tissue/women condom
9. Female condom
10. Traditional method

[Continue to other household member]

37. If without family planning [**R.35 = 2 or 3**], still want child?
1. Yes, soon (< 2 years) -> [Other household member]
2. Yes, later (≥ 2 years)
3. No

38. Main reason of not using family planning:
1. Fertility reason (barren, menopause, fasting, tradition, want child)
2. Against family planning
3. Do not know family planning device/method
4. Afraid of family planning side effects
5. Do not know
6. Other (____)

VI. HOUSING INFORMATION

1. Censused residential building is:
1. Residential building
2. Mixed-use building

2. Number of household in the censused building:
1. One household
2. More than one households

3. Residential building status:
1. Owned
2. Lease
3. Rent
4. Free lease, owned by other people
5. Free lease, owned by parents/family
6. Company house
7. Other

4. If R.3 = 1 (privately owned), land status of residential building:
1. Freehold title (HM)
2. Building rights title (HGB)
3. Right to use title (HP)
4. Other

5. Type of most roof material:
1. Concrete
2. Roof tile
3. Shingle
4. Iron sheet
5. Asbestos
6. Fiber/palm
7. Other

6. Type of most wall material:
1. Concrete
2. Wood
3. Bamboo
4. Other

7. Type of most flooring material:
1. Marble/ceramics/granite
2. Terrazzo/tiles
3. Cement
4. Wood
5. Soil
6. Other

8. Floor area: ____ square meter

9.a. Source of drinking water:
1. Branded bottled water -> [**R.11**]
2. Recycled bottled water -> [**R.11**]
3. Pipe with meter -> [**R.10**]
4. Pipe, retail payment-> [**R.11**]
5. Terrestrial well/pump
6. Protected/covered well
7. Unprotected/uncovered well
8. Protected spring
9. Unprotected spring
10. River -> [**R.10**]
11. Rainwater -> [**R.10**]
12. Other -> [**R.10**]

b. If **R.9.a = 5 to 9** (pump/well/spring), distance to the closest feces containment:
1. < 10 m
2. ≥ 10 m
3. Do not know

10. If **R.9.a = 03, 05 to 12**, drinking water facility use:
1. Personal
2. Mutual
3. Public
4. None

11. Method to obtain drinking water:
1. Buying
2. Customer-based
3. Not buying

12.a. Source of water for bath/washing:
1. Branded bottled water
2. Recycled bottled water
3. Pipe with meter
4. Pipe, retail payment
5. Terrestrial well/pump
6. Protected/covered well
7. Unprotected/uncovered well
8. Protected spring
9. Unprotected spring
10. River
11. Rainwater
12. Other

b. The water is obtained by:
1. Buying
2. Customer-based
3. Not buying

13.a. Defecation facility use:
1. Personal
2. Mutual
3. Public
4. None -> [**R.13.c**]

b. Type of toilet:
1. Goose neck/leher angsa
2. Pit toilet/plengsengan
3. Squat toilet/cemplung
4. None

c. Final disposal location:
1. Tank/septic tank
4. Pit hole

2. Pool/field 5. Beach/open field/farm
3. River/lake/sea 6. Other

14.a. Source of lighting:
1. PLN electricity 4. Oil lamp/torch
2. Non-PLN electricity 5. Other
3. Paraffin lamp/petromak

b. If PLN electricity (**R.14.a = 1**), the installed capacity:
1. 450 Watts 4. 2,200 Watts
2. 900 Watts 5. > 2,200 Watts
3. 1,300 Watts 6. No meter

15. Main fuel/energy for cooking:
1. Electricity 5. Charcoal
2. Gas/LPG 6. Briquettes
3. City gas 7. Firewood
4. Kerosene 8. Other

VII. OTHER SOCIO-ECONOMIC INFORMATION

VII.A. POVERTY ERADICATION PROGRAM

1. a. Any household member who received free health service in the past 6 months?
1. Yes 2. No -> [**R.2**]

b. If "yes" (**R.1.a = 1**), the type of card used:
1. National health insurance (*Jamkesmas*)
2. Health card (*Kartu sehat*)
3. Poor statement (SKTM)
4. Other: _____

2. a. Is the household ever received/purchased cheap rice/rice for poor people (*raskin*) in the **past 3 months**?
1. Yes 2. No -> (**R.3.a**)

b. If "yes" (**R.2.a = 1**) the last amount of rice purchased: ___ kg

c. How much **per kg** paid by the household for the last purchase of cheap rice? Rp _____

3. a. Is the household ever received a business credit in the past one year?
[**Code 1 for yes, 2 for no**]
1. Public Empowerment National Program (*PNPM Mandiri*)
2. Other government program
3. Public Business Credit (KUR)
4. Bank program other than KUR
5. Cooperatives program
6. Individual
7. Other (____)

[**If R.3.a 1 to 7 = 2, go to R.4**]

b. If received more than one type of credits, which one is the largest? ____

(**Write one code of business credit, 1 to 7 from Details 3.a**)

VII.B. ASSETS AND COLLATERAL

4. Is the household owned the following assets:
a. Bicycle f. Water heater
b. Motorcycle g. Gas container size 12 kg & up
c. Boat h. Refrigerator
d. Cable TV i. Motorboat
e. AC j. Car

5. a. Is the household earned sufficient income to meet daily expenditure?
1. Yes -> [**R.6**] 2. No

b. If "not" (**R.5.a = 2**), from where the household meet the shortage?
[**Code 1 for yes, 2 for no**]
a. Use savings (in bank/house)
b. Sell assets
c. Borrow from family
d. Borrow from friend, neighbor
e. Borrow from creditor
f. Borrow cash from bank
g. Borrow from cooperatives
h. Pawn goods

6. Is there any payment collateral/health insurance for outpatient/inpatient needs as follows:
[**Code 1 for yes, 2 for no**]
a. Health Insurance for Civil Servant/Veteran/Pensioner
b. Jamsostek
c. Private health insurance
d. Benefit/reimbursement by company
e. Health insurance/health card/poor insurance/poor card
f. Health fund
g. Other health insurance

VIII. COMMUNICATIONS AND INFORMATION TECHNOLOGY

1. Any landline telephone in the household?
1. Yes 2. No

2.a. Any household member who have cellular phone (cellphone)?
1. Yes 2. No -> [**R.3**]

b. If "yes", total household members who have active cellphone numbers: ____ people

c. Total cellphone numbers owned by household members: ____ numbers

3. Is the household has computer?
[**Code 1 for yes, 2 for no**]
a. Desktop/PC b. Laptop/notebook

IX. SOURCE OF INCOME FOR HOUSEHOLD

1. **Largest source of household income** (**from household member with the largest income**):
a. Job field: _____ (write as complete as possible)
(**See Code at Block V.D Details 30**)
b. Job status:
0. Income receiver
1. Worker/employee
2. Businessperson

X. NOTES

Information for Block IV.A Column 11 Code: Main destination province of the last trip

11. Aceh
12. North Sumatra
13. West Sumatra
14. Riau
15. Jambi
16. South Sumatra
17. Bengkulu
18. Lampung
19. Bangka Belitung
21. Kepulauan Riau
31. Greater Jakarta
32. West Java
33. Central Java
34. Yogyakarta
35. East Java
36. Banten
51. Bali
52. West Nusa Tenggara
53. East Nusa Tenggara
61. West Kalimantan
62. Central Kalimantan
63. South Kalimantan
64. East Kalimantan
71. North Sulawesi
72. Central Sulawesi
73. South Sulawesi
74. Southeast Sulawesi
75. Gorontalo
76. West Sulawesi
81. Maluku
82. North Maluku
91. West Papua
94. Papua

REPUBLIC OF INDONESIA
STATISTICS INDONESIA

VSEN11.M
Made 1 set for regency/municipality

2011 NATIONAL SOCIO-ECONOMIC SURVEY

EXPENDITURE FOR FOOD - NON FOOD CONSUMPTION AND HOUSEHOLD INCOME

Quarter: 1

CONFIDENTIAL

I. IDENTIFICATION

1	Province		
2	Regency/municipality*)		
3	Sub Regency		
4	Village / kelurahan *)		
5	Area	*1. Urban* *2. Rural*	
6	Census block number		
7	Sample code number		
8	Serial number of household		
9	The name of Household head		
10	Address (street, number of neighborhood community etc)		

II. HOUSEHOLD INFORMATION

1	Number of household member		
2	Name & serial number of respondent		

III. ENUMERATING CHARACTERISTICS

Characteristic	Enumerator	Supervisor
1. Name	.....	.....
2. Code		
3. Occupation	*1. Provincial staff* *3. Sub regency staff* *2. Regency/municipality staff* *4.Hired worker*	*1. Provincial staff* *3. Sub regency staff* *2. Regency/municipality staff* *4.Hired worker*
4. Date	Date Month	Date Month
5. Signature		

*) cross the unneeded

DONT USE THIS PAGE

IV.1. FOOD, BEVERAGES, AND TOBACCO

No. urut	Detail	Unit of quantity	Purchase (cash/owed)	
			Total (0,00)	V a l u e (Rp)
(1)	(2)	(3)	(4)	(5)
1	A. CEREALS [R.2-R.9]			
2	Rice	Kg		
3	Glutinous rice	Kg		
4	Fresh corn with husk	Kg		
5	Dryshelled corn/corn rice	Kg		
6	Rice meal	Kg		
7	Corn meal	Kg		
8	Wheat flour	Kg		
9	Others	Kg		
10	B. TUBERS [R.11-R.19]			
11	Cassava	Kg		
12	Sweet potatoes	Kg		
13	Sago flour	Kg		
14	Taro	Kg		
15	Potatoes	Kg		
16	Dried cassava	Kg		
17	Flour dried cassava	Kg		
18	Cassava flour	Kg		
19	Others	Kg		
20	C. FISH/SHRIMP/SQUID/SHELL [R.21-R.52]			
	1) Fresh Fish			
21	Yellow tail/fusiliers	Kg		
22	Eastern tuna/skipjack tuna	Kg		
23	Mackerel	Kg		
24	Trevallies	Kg		
25	Indian mackerel	Kg		
26	Anchovies	Kg		
27	Milk fish	Kg		
28	Snake head	Kg		
29	Mozambique tilapia	Kg		
30	Common carp	Kg		
31	Catfish	Kg		
32	Barramundi	Kg		
33	Baronang	Kg		
34	Others	Kg		
	2) Fresh Shrimp and other fresh seafoods			
35	Shrimp	Kg		
36	Common squid/cuttle fish	Kg		

CONSUMPTIONS DURING PREVIOUS WEEK

Own production, given, etc		Total consumption	
Total (0,00)	V a l u e (Rp)	Total (4) + (6) (0,00)	V a l u e (5) + (7) (Rp)
(6)	(7)	(8)	(9)
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IV.1. FOOD, BEVERAGES, AND TOBACCO

No. urut	Detail	Unit of quantity	Purchase (cash/owed)	
			Total (0,00)	V a l u e (Rp)
(1)	(2)	(3)	(4)	(5)
37	Mud crab/swim crab	Kg		
38	Cockle/snail	Kg		
39	Others	Kg		
	3) Preserved fish			
40	Indian mackerel	Ounce		
41	Mackerel	Ounce		
42	Eastern tuna/skipjack tuna	Ounce		
43	Anchovies	Ounce		
44	Trevallies	Ounce		
45	Snakeskin gourame	Ounce		
46	Milk fishes	Ounce		
47	Snake head	Ounce		
48	Canned fish	Ounce		
49	Others	Ounce		
	4) Shrimp and other preserved seafoods			
50	Shrimps	Ounce		
51	Common squids	Ounce		
52	Others	Ounce		
53	D. MEAT [R.54-R.70]			
	1) Fresh meat			
54	Beef	Kg		
55	Buffalo meat	Kg		
56	Lamb meat	Kg		
57	Pork	Kg		
58	Broiler meat	Kg		
59	Local chicken meat	Kg		
60	Other poultry meat	Kg		
61	Other meat	Kg		
	2) Preserved meats			
62	Dried beef	Kg		
63	Shredded fried meat	Ounce		
64	Canned meat	Kg		
65	Others	Kg		
	3) Others			
66	Liver	Kg		
67	Innards excluding liver	Kg		
68	Trimming	Kg		
69	Bone (untrimmed)	Kg		
70	Others	Kg		

CONSUMPTIONS DURING PREVIOUS WEEK (CONTINUED)

Own production, given, etc		Total consumption	
Total (0,00)	V a l u e (Rp)	Total (4) + (6) (0,00)	V a l u e (5) + (7) (Rp)
(6)	(7)	(8)	(9)

IV.1. FOOD, BEVERAGES, AND TOBACCO

No. urut	Detail	Unit of quantity	Purchase (cash/owed)	
			Total (0,00)	V a l u e (Rp)
(1)	(2)	(3)	(4)	(5)
71	E. EGGS AND MILK [R.72-R.84]			
72	Broiler egg	Kg		
73	Local chicken egg	Unit		
74	Duck egg	Unit		
75	Quail egg	Unit		
76	Other egg	Unit		
77	Salted egg	Unit		
78	Fresh milk	Liter		
79	Preserved milk	250ml*)		
80	Sweet canned liquid milk	397gr**)		
81	Canned powder milk	Kg		
82	Baby powder milk	400gr		
83	Cheese	Ounce		
84	Milk product	Ounce		
85	F. VEGETABLES [R.86-R.114]			
86	Spinach	Kg		
87	Swamp cabbage	Kg		
88	Cabbage	Kg		
89	Chinese cabbage	Kg		
90	Mustard greens	Kg		
91	Beans	Kg		
92	String bean	Kg		
93	Tomato	Ounce		
94	Carrot	Kg		
95	Cucumber	Kg		
96	Cassava leaf	Kg		
97	Aubergine	Kg		
98	Bean sprout	Kg		
99	Squash	Kg		
100	Unripe corn	Ounce		
101	Soup/stir-fried vegetables	Unit		
102	Sour vegetable soup	Unit		
103	Young jackfruit	Kg		
104	Unripe papaya	Kg		
105	Mushroom	Ounce		
106	Petai beans	Ounce		
107	Stink beans	Kg		
108	Onion	Ounce		
109	Garlic	Ounce		

CONSUMPTIONS DURING PREVIOUS WEEK (CONTINUED)

Own production, given, etc		Total consumption	
Total (0,00)	V a l u e (Rp)	Total (4) + (6) (0,00)	V a l u e (5) + (7) (Rp)
(6)	(7)	(8)	(9)

IV.1. FOOD, BEVERAGES, AND TOBACCO

No. urut	Detail	Unit of quantity	Purchase (cash/owed)	
			Total (0,00)	V a l u e (Rp)
(1)	(2)	(3)	(4)	(5)
110	Chillies	Ounce		
111	Green chili	Ounce		
112	Cayenne pepper	Ounce		
113	Canned vegetable	Kg		
114	Others	Kg		
115	G. LEGUMES [R.116-R.126]			
116	Peanuts without shell	Kg		
117	Peanuts with shell	Kg		
118	Soybean	Kg		
119	Mungbean	Kg		
120	Red kidney bean	Ounce		
121	Other bean	Kg		
122	Tofu, soybean curd	Kg		
123	Fermented soybean cake	Kg		
124	Fermented soybean paste	Ounce		
125	Fermented soya cake	Ounce		
126	Others	Ounce		
127	H. FRUITS [R.128-R.150]			
128	Orange	Kg		
129	Mango	Kg		
130	Apple	Kg		
131	Avocado	Kg		
132	Rambutan	Kg		
133	Lanzon	Kg		
134	Durian	Kg		
135	Zalacca	Kg		
136	Pineapple	Kg		
137	"Ambon" banana	Kg		
138	"Raja" banana	Kg		
139	Other banana	Kg		
140	Papaya	Kg		
141	Rose-apple	Kg		
142	Sapodilla	Kg		
143	Carambola	Kg		
144	Spanish plum	Kg		
145	Watermelon	Kg		
146	Melon	Kg		
147	Jack fruit	Kg		

CONSUMPTIONS DURING PREVIOUS WEEK (CONTINUED)

Own production, given, etc		Total consumption	
Total (0,00)	V a l u e (Rp)	Total (4) + (6) (0,00)	V a l u e (5) + (7) (Rp)
(6)	(7)	(8)	(9)
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IV.1. FOOD, BEVERAGES, AND TOBACCO

No. urut	Detail	Unit of quantity	Purchase (cash/owed)	
			Total (0,00)	V a l u e (Rp)
(1)	(2)	(3)	(4)	(5)
148	Tomato	Kg		
149	Canned fruit	Kg		
150	Others	Kg		
151	I. OILS AND FATS [R.152-R.157]			
152	Coconut oil	Liter		
153	Corn oil	Liter		
154	Other frying oil	Liter		
155	Coconut	Unit		
156	Margarine	Ounce		
157	Others	Liter		
158	J. BEVERAGE STUFF [R.159-R.166]			
159	Cane sugar	Ounce		
160	Brown sugar	Ounce		
161	T e a	Ounce		
162	Powdered/bean coffee	Ounce		
163	Instant cocoa	150gr		
164	Powdered cocoa	Ounce		
165	Syrup	620ml*)		
166	Others	.....		
167	K. SPICES [R.168-R.180]			
168	Salt	Ounce		
169	Candlenut	Ounce		
170	Coriander	Ounce		
171	Pepper	Ounce		
172	Tamarind	Ounce		
173	Nutmeg	Ounce		
174	Clove	Ounce		
175	Fish paste	Ounce		
176	Soya sauce	140ml*)		
177	Monosodium glutamate	Gram		
178	Chili sauce/tomato sauce	140ml*)		
179	Spice	Ounce		
180	Other spice	.....		
181	L. MISCELLANEOUS FOOD ITEM [R.182-R.190]			
182	Instant noodle	80gr**)		
183	Wheat noodle	Kg		
184	Rice noodle	Ounce		
185	Macaroni	Ounce		

CONSUMPTIONS DURING PREVIOUS WEEK (CONTINUED)

Own production, given, etc		Total consumption	
Total (0,00)	V a l u e (Rp)	Total (4) + (6) (0,00)	V a l u e (5) + (7) (Rp)
(6)	(7)	(8)	(9)

IV.1. FOOD, BEVERAGES, AND TOBACCO				
No. urut	Detail	Unit of quantity	Purchase (cash/owed)	
			Total (0,00)	V a l u e (Rp)
(1)	(2)	(3)	(4)	(5)
186	Crisps	Ounce		
187	Fried chips	Ounce		
188	Seaweed	Pack (7 gr)		
189	Porridge in package	150 gr*)		
190	Others	.....		
191	M. PREPARED FOOD AND BEVERAGES [R.192-R.222] (copied from VSEN11.LPK)			
	Prepared food			
192	Ordinary bread	Small pack		
193	Other bread	Piece		
194	Cookies	Ounce		
195	Boil or steam cake	Piece		
196	Fried food	Piece		
197	Porridge of mung bean	Bowl		
198	Kind of salad with peanuts sauce	Plate		
199	A plate of rice accompanied by a mixture of dishes	Plate		
200	Fried rice	Plate		
201	Rice	Plate		
202	Rice steamed in a banana leaf or coconut leaf	Bowl		
203	Soup	Bowl		
204	Roasted meat on skewer/satay	Plate/5 skewer		
205	Noodle (with meatball/boiled/fried)	Bowl		
206	Instant noodle	Bowl		
207	Snack for children	Ounce		
208	Fish (fried, roasted, etc)	Piece		
209	Chicken/meat (fried, roasted, etc)	Piece		
210	Other prepared food	.....		
211	Mineral water (bottle)	600ml*)		
212	Mineral water (gallon)	Gallon		
213	Packed tea	250ml*)		
214	Packed juice	200ml**)		
215	CO2 drink	250ml*)		
216	Health drink	100ml*)		
217	Other drinks (coffee, milk, etc)	Glass		
218	Ice cream	Small bowl		
219	Other ice	Glass 200ml		

CONSUMPTIONS DURING PREVIOUS WEEK (CONTINUED)

Own production, given, etc		Total consumption	
Total (0,00)	V a l u e (Rp)	Total (4) + (6) (0,00)	V a l u e (5) + (7) (Rp)
(6)	(7)	(8)	(9)
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IV.1. FOOD, BEVERAGES, AND TOBACCO				
No. urut	Detail	Unit of quantity	Purchase (cash/owed)	
			Total (0,00)	V a l u e (Rp)
(1)	(2)	(3)	(4)	(5)
	Alcohol ic Beverages			
220	B e e r	620ml**)	,00	
221	Wine	620ml**)	,00	
222	Other alcoholic beverage	620ml**)	,00	
223	N. TOBACCO AND BETEL [R.224-R.229]			
224	Clove filter cigarettes	Pack	,	
225	Clove non filter cigarettes	Pack	,	
226	Cigarettes	Pack	,	
227	Tobacco	Ounce	,00	
228	Betel/areca nut	Pack	,00	
229	Others	.....	,00	

CONSUMPTIONS DURING PREVIOUS WEEK (CONTINUED)			
Own production, given, etc		Total consumption	
Total (0,00)	V a l u e (Rp)	Total (4) + (6) (0,00)	V a l u e (5) + (7) (Rp)
(6)	(7)	(8)	(9)
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IV.2. EXPENDITURE OF NON FOOD GOODS

No. urut	Detail
(1)	(2)
230	**A. HOUSING AND HOUSEHOLD FACILITY [R.231-R.260]**
231	Status of the house of living is: 1. Owned property 3. Monthly rent 5. Official house 2. Annaul rent 4. Free 6. Other
232	a. If the house is own property/free of rent, estimation monthly renting: Rp ..... b. The length (in month) of staying in the house during previous 3 months : ..... month
233	a. If the house is annually rent, average rent value in a month: Rp ..... b. The length (in month) of staying in the renting house during previous 3 months : ..... month
234	a. If the house is monthly rent, average rent value in a month: Rp ..... b. The length (in month) of staying in the renting house during previous 3 months : ..... month
235	a. If the house is free of rent/official house/other, average estimation renting value in a month: Rp ..... b. The length (in month) of staying in the free house during previous 3 months: ..... month
236	Maintenance costs of the house (painting, plastering, painting the wall, roof, window glass, hinge, etc, including wages for the workers)
237	Electricity Used of electricity (quantity): a month ago: ..... kwh Note: If household doesn't know KwH unit (for example: Non-PLN user), How to account: Number of watt used times number of hour of monthly using electricity divided 1000
238	Value :
239	Water ("PAM" = Municipal Water Corporation/carrying pole water/purchased) Quantity: A month ago: ..... m^3 ☐☐☐☐
240	Value:
241	LPG (Liquid Propane Gas) Quantity: a month ago: ..... kg ☐☐☐☐
242	Value:
243	City Gas Quantity: a month ago: ..... m^3 ☐☐☐☐
244	Value:
245	Gasoline Quantity: a month ago: ..... Liter ☐☐☐☐
246	Value:
247	Generator i. Type and number of fuel used (BBM): *1. Gasoline 2. Diesel oil 3. Kerosene* ☐ Value: A month ago: ..... Liter ☐☐☐☐
248	Value:
249	ii. Lubricant oil: Value: a month ago: ..... Liter ☐☐☐
250	Value:
251	iii. Maintenance and repair
252	Charcoal/coal/briket Value: A month ago: ..... Kg ☐☐☐,☐
253	Value:
254	Firewood and other fuel
255	Others (flashlight, storage battery, matches, mosquito repellent, lamp, air freshener, Liquid floor cleaner, etc)

DURING LAST 1 TO 3 MONTHS (IN RUPIAHS)

Fill each enumeration period consumption for a month			
3 month ago ...... - ..... until ...... -	2 month ago ...... - ..... until ...... -	1 month ago ...... - ..... until ...... -	Total= Column (3) + (4) + (5)
(3)	(4)	(5)	(6)

IV.2. EXPENDITURE OF NON FOOD GOODS

No. urut	Detail
(1)	(2)
	Post and Telecomunication
256	Phone bill (home)
257	Mobile phone bill
258	Phone card/public phone/phone shop
259	Post stuff (stamp, etc.)
260	Others (internet)
261	**B. GOODS AND SERVICES [R.262-R.302]**
262	Bathing soap, toothpaste, and shampoo
263	Cosmetic articles (perfume, hair cream, deodorant, skin powder, wire dental care/braces, nail clippers, hair spray, wig, lipstic, comb, etc.), and sanitary napkin
264	Treatment of skin, face, nails, hair (expenses of cutting, curl, cream bath, 'lulur'/herbal cosmetics used to lighten of skin, spa, etc)
265	Laundry soap (bars, powders, creams, and liquid)
266	Clothes maintenance material (softener and fragrances, bleacing, lubricant, camphor, etc)
267	Newspapers, magazine, books, and stationeries (exluding for education) including magazine rent
268	Other stuffs (tissue, baby diaper, satai stick, etc.)
	Health Care **(***including give birth fees and drugs that can not be specified***)**
269	Public Hospital
270	Private Hospital
271	Sub ordinary Public Health Center
272	Medical Doctor (including private medical doctor in public hospital)
273	Paramedical
274	Traditional treatment
275	Traditional birth attendant
	Drug costs (only drugs purchased in pharmacies, drug stores*, etc)*
276	Take medicine with recipe (from doctor, midwives, etc)
277	Self treatment/take medicine without recipe
278	Purchasing traditional medicine
279	Purchasing glasses, hand/leg artificial, & wheel chair
	Health Preventive Cost
280	Pregnancy examination cost
281	Children Under-fives immunization cost
282	Medical check-up
283	Contraception cost
284	Take care of health (vitamin, medicine herbs, etc.)

DURING LAST 1 TO 3 MONTHS (IN RUPIAHS)

Fill each enumeration period consumption for a month			
3 month ago ...... - ..... until ...... -	2 month ago ...... - ..... until ...... -	1 month ago ...... - ..... until ...... -	Total= Column (3) + (4) + (5)
(3)	(4)	(5)	(6)

IV.2. EXPENDITURE OF NON FOOD GOODS

No. urut	Detail
(1)	(2)
	School fee and non/formal education cost
285	Development school contribution/admission fee
286	School fee
287	Other cost of school contribution
288	Text books
289	Stationery (pen, pencil, eraser, ruler, calculator, etc.)
290	Non-formal education cost
291	Motor vehicle's fuel, light service, and motor maintenance: a. Gasoline a month ago: ..... Liter ☐☐☐☐
292	V a l u e :
293	b. Diesel oil a month ago: ..... Liter ☐☐☐☐
294	V a l u e :
295	c. Lubricant: a month ago: ..... Liter ☐☐☐,☐
296	V a l u e :
297	d. Service and repair (brake fluid, battery acid, battery, brake, clutch, etc.)
298	Transport expenses (bus, train, plane, etc.)
299	Hotel, inn, cinema, theater, sports, set-top box, cable TV subscriptions / Indovision and other recreation (excluding transport and purchase of goods for recreation)
300	Domestic servant, security, and driver (salary or wages)
301	Financial service charge (ATM services, credit card services, transfer fees, etc.)
302	Other services (ID card, driver's license, birth certificate, copy, photo, etc.)
303	**C. CLOTHING, FOOTWEAR, AND HEADGEAR [R.304-R.311]**
304	Ready-made clothes for men (jackets, uniforms, shirts, jackets, gloves, pants, shirts, underwear, etc..)
305	Ready-made clothes for women (uniforms, dresses, long cloth, blouse, blaze / jacket women, nightgowns, sweaters, skirts, sarongs, scarves, “angkin”, underwear, etc..)
306	Ready-made clothes for children (uniforms, shirts, pants, sweaters, shirts, underwear, diapers, etc..)
307	Materials clothing for men, women, and children (wool, polyester, cotton, silk, etc..)
308	Wages sewing, repairing clothes, sewing thread, and other goods for the purposes of tailoring
309	Footwear (shoes, sandals, socks, etc)
310	Headgear for men, women, and children (hat, cap, scarf, etc..)
311	Others (towel, belt, shoe polish, tie, laundry, etc.)

DURING LAST 1 TO 3 MONTHS (IN RUPIAHS)

Fill each enumeration period consumption for a month			
3 month ago ...... - ..... until ...... -	2 month ago ...... - ..... until ...... -	1 month ago ...... - ..... until ...... -	Total= Column (3) + (4) + (5)
(3)	(4)	(5)	(6)

IV.2. PENGELUARAN UNTUK BARANG-BARANG

No. urut	Detail
(1)	(2)
312	**D. DURABLE GOODS [R.313-R.329]**
313	Furniture (tables, chairs, beds, wardrobes, display cabinets, display racks, glass / mirrors, cabinets, cribs, etc..)
314	Household furnishings (sewing machines, refrigerators, fans, washing machines, air conditioners, etc..)
315	Household equipments (mattresses, pillows, tablecloths, bed linen, ashtrays, pillowcases, blankets, mats, curtains, rugs, etc..)
316	Home appliances (iron, broom, scissors, knives, machetes, hoes, saws, vacuum cleaner, coat hanger, soldering equipment, etc..)
317	Kitchen utensils (rack plate, stove, pots, pans, buckets, kitchen knives, pans, spoons, flasks, plates, glasses, mixers, rice cookers, blenders, microwaves, ovens, and other dishes made of glass / ceramic / melamine / plastic, etc..)
318	Decoration stuff (wall hangings, aquariums, decorative items made of ceramic, porcelain, onyx, marble, wood, etc..)
319	Furniture and utensils repairs
320	Hand phone and other accessories
321	Watch, clock, camera, glasses, and repairs
322	Umbrella, bag, and repairs
323	Jewelry and repairs
324	Toys and repair, imitation jewelry
325	Electronics (Television, radio, video, DVD, cassette, cassette radio, guitar, piano / organ, computer) and repair
326	Tools and sports equipment (chess, racket, ball, net, bet, sticks, including bathing suits, soccer shoes, wheels shoes , goggles) and repairs
327	Vehicles (cars, motorcycles, bicycles, etc..) and major repairs
328	Domestic animal and plant maintenance
329	Other durable goods (electrical installation / phone / tap, swing, stroller, etc..) and repairs
330	**E. TAXES AND INSURANCES [R.331-R.336]**
331	Buildings and land taxes
332	Motor and non-motor vehicle taxes
333	Other contributions (dues RT / RW, trash, security, cemetery, parking, etc..)
334	Health insurance
335	Live insurance and general insurance (death insurance, accident, car, house, etc..)
336	Others (ticket, Income Tax, etc..)
337	**F. PARTIES AND CEREMONIES [R.338-R.343]**
338	Wedding (equipment rental tool bride such as, chairs, tents, dishes, and bridal makeup services such as cost, the prince, and the rental of buildings, etc..)
339	Circumcision and birthday (Bengkong costs, the cost of doctors / paramedics / excisors, food boxes, ribbon / paper trimmer room / balloons, chair rental, rent a building, rent entertainment)
340	Religious festival (chair rental, tent rental, etc..)
341	Pilgrimage cost (ONH)
342	Religious/traditional ceremony (called Ustad, Reverend, offerings, etc..)
343	Funeral expenses (cost of washing the corpse, the shroud, the grave digger service, casket, crematory fees, cremation fees, etc..)

DURING LAST 1 TO 3 MONTHS (IN RUPIAHS)

Fill each enumeration period consumption for a month			
3 month ago ...... - ..... until ...... -	2 month ago ...... - ..... until ...... -	1 month ago ...... - ..... until ...... -	Total= Column (3) + (4) + (5)
(3)	(4)	(5)	(6)

IV.3.1. RECAPITULATION OF FOOD, BEVERAGES, AND TOBACCO EXPENDITURES (IN RUPIAHS) [Copied from Block IV.1 Column (9)]		
No.	Type of expenses	A week ago
(1)	(2)	(3)
1	Cereals a. Rice (R.2-R.3)	
	b. Others (R.4-R.9)	
2	Tuber (R.10)	
3	Fish/Shrimp/Squid/Shell a. Fresh (R.21-R.39)	
	b. Preserved (R.40-R.52)	
4	Meat (R.53)	
5	Egg and Milk a. chicken/duck/quail egg (R.72-R.77)	
	b. Whole milk, condensed milk, milk powder, etc. (R.78-R.84)	
6	Vegetables (R.85)	
7	Legumes (R.115)	
8	Fruits (R.127)	
9	Oils and Fats (R.151)	
10	Beverages stuffs (R.158)	
11	Spices (R.167)	
12	Other Consumption a. Instant noodles, wet noodles, vermicelli, macaroni / noodles dry (R.182-R.185)	
	b. Others (R.186 - R.190)	
13	Prepared foods and beverages a. Prepared foods (R.192-R.210)	
	b. Non alcoholic beverages (R.211-R.219)	
	c. Alcoholic beverages (R.220-R.222)	
14	Tobacco and betel a. Cigarett (R.224-R.226)	
	b. Others (R.227-R.229)	
15	SUB TOTAL (R.1 s.d. R.14)	
16	AVERAGE FOOD EXPENDITURE A MONTH [(R.15) x 30/7]	

IV.3.2. RECAPITULATION OF NON-FOOD EXPENDITURES (IN RUPIAHS) [Copied from Block IV.2 Column (6)]		
No.	Type of expenses	Last 3 months
(1)	(2)	(3)
17	Housing and Household facility a. monthly rent, yearly rent, estimates of the rent (own, rent-free, official), etc. (R.232-R.235)	
	b. Maintenance costs of the house (R.236)	
	c. Electricity bills, water, gas, kerosene, firewood, etc. (R.238, R.240, R.242, R.244, R.246, R.248, R.250, R.251, R.253-R.255)	
	d. home phone bill, hand phone pulse, public telephone, telecommunication shop, postal .256-R.260)	
18	Good and services a. Toilet /laundry soap, cosmetics, hair care / face care, tissue, etc. (R.262-R.268)	
	b. Health costs (hospitals, health centers, physician practices, traditional health care, medicine, etc..) (R.269-R.284)	
	c. Education cost (R.285-R.290)	
	d. Transportasi, pengangkutan, bensin, solar, minyak pelumas (R.292, R.294, R.296-R.298)	
	e. other services (R.299-R.302)	
19	Clothing, Footwear, and Headgear (R.303)	
20	Durable Goods (R.312)	
21	Taxes and Insurances a. Buildings, land, motor vehicles taxes (R.331, R.332)	
	b. Other contributions (R.333)	
	c. Health insurance (R.334)	
	d. Other (any other life insurance, general insurance, income tax, traffic tickets, etc..) (R.335, R.336)	
22	Parties and Ceremonies (R.337)	
23	SUB TOTAL (R.17-R.22)	
24	AVERAGE MONTHLY NON FOOD EXPENDITURE [R.23 Column (3) divided 3]	
25	AVERAGE MONTHLY HOUSEHOLD EXPENDITURE [Block IV.3.1, R.16 Column (3) + Block IV0.3.2, R.24 Column (3)]	

V. INCOME, REVENUE AND EXPENSES OF NON CONSUMPTION

A. Income from wages/salary either in cash or goods/services received during the last month (Rp)

serial number of respondent	Name	Income from wages/salary in cash		Income from wages/salary in goods/services	Overtime, honoraria, etc	Total Column (3) through (6)
		Main work	Additional work			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Total						

B. Income from household business during the last 3 months (Rp)		Value of production	Production cost (including wages/salary)	Income [Column 3 – Column 4]
(1)	(2)	(3)	(4)	(5)
1	Agricultural crops			
2	Other agricultural (non-food crops, livestock, poultry, fisheries, forestry, and hunting)			
3	Non agricultural enterprises (industry, commerce, transportation, services, buildings, construction, excavation, etc.)			
Total				

C. Income from ownership and not household business during the last 3 months (Rp)

(1)	(2)	(3)
1	Approximate rental homes	
2	Others (interest savings, lease of land, non business income, dividends, royalties, sales of used goods, etc..)	
Total		

D. Transfer's revenue and expenditure, and financial transactions during the last 3 months

Revenues	Value (Rp)	Expenditures	Value (Rp)
(1)	(2)	(3)	(4)
1. Revenue of transfer (shipment and delivery of money, bond, scholarship, pension, claims of life & loss insurance, received packages of food / goods, capital goods insurance claims)		1. Expenditure transfer (send and give money, give food/goods, capital goods insurance premiums)	
2. Revenues from financial transactions (making savings, return on receivables, claims of insurance/ pension/education, get a social gathering, borrow money, return on accounts receivable, pledge of goods)		2. Expenses from financial transactions (savings, pay off debt, premiums of life insurance/pension/ education, paying social gathering, lend money, paying accounts payable, redeem the pledge of goods)	
Total		Total	

E. Household Revenues and expenditures during the last 3 months (Rp)

Revenue	Value (Rp)	Expenditure	Value (Rp)
(1)	(2)	(3)	(4)
1. Wages and salary [Block V.A total Column (7) multiply by 3]		1. Average monthly household expenditure [Block IV.3.2 R.25 Column (3) multiply 3]	
2. Income from household business [Jumlah Blok V.B Column (5)]			
3. Income from ownership and not household business [Jumlah Blok V.C]		2. Transfer expenditure [Total Block V.D R. Column (4)]	
4. Transfer's revenue [Total Block V.D R. Column (2)]		Total	
Total			
Difference in Revenue and Expenditures [total Column (2) – total Column (4)]			

27

VI. N O T E S

Attachment 2

Data Dictionary

kor11rt: Core questionnaire at household-level

No	Variable	Description	Type	Response categories/Remarks
1	b1r1	Province	N	11 - 94
		11. Aceh 12. North Sumatra 13. West Sumatra 14. Riau 15. Jambi 16. South Sumatra 17. Bengkulu 18. Lampung 19. Bangka Belitung 21. Kepulauan Riau 31. Greater Jakarta 32. West Java 33. Central Java 34. Yogyakarta 35. East Java 36. Banten 51. Bali 52. West Nusa Tenggara 53. East Nusa Tenggara 61. West Kalimantan 62. Central Kalimantan 63. South Kalimantan 64. East Kalimantan 71. North Sulawesi 72. Central Sulawesi 73. South Sulawesi 74. Southeast Sulawesi 75. Gorontalo 76. West Sulawesi 81. Maluku 82. North Maluku 91. West Papua 94. Papua		
2	b1r2	District/City	N	1 – 79, See attachment 3
3	b1r5	Area	C	1. Urban, 2. Rural
4	b1r7	Sample code number	N	Household identifier (7-digit)
5	b1r8	Household sample sequential number	N	1 - 10
6	b1r11	Visit result	C	= 1: Success
7	b2r1	Household size	N	
8	b2r2	Number of household members age 0 – 4 years	N	
9	b2r3	Number of household members age 5 years and over	N	
10	b2r4	Number of household members age 10 years and over	N	
11	b2r5	Number of household members age 10 years and over who are working in the past 3 months	N	
12	b4br1	Any housemaid/security guard/driver who received meal but not live-in the house?	C	1. Yes, 2. No

13	b4br1a	Number of housemaid	N	
14	b4br1b	Number of security guard	N	
15	b4br1c	Number of driver	N	
16	b4br1d	Number of others in the household	N	
17	b6r1	Censuses residential building is:	C	1. Residential building 2. Mixed-use building
18	b6r2	Number of household in the censuses building:	C	1. One household 2. More than one households
19	b6r3	Residential building status:	C	1. Owned 2. Lease 3. Rent 4. Free lease, owned by other people 5. Free lease, owned by parents/family 6. Company house 7. Other
20	b6r4	Land status of residential building:	C	1. Freehold title (HM) 2. Building rights title (HGB) 3. Right to use title (HP) 4. Other
21	b6r5	Type of most roof material :	C	1. Concrete 2. Roof tile 3. Shingle 4. Iron sheet 5. Asbestos 6. Fiber/palm 7. Other
22	b6r6	Type of most wall material :	C	1. Concrete 2. Wood 3. Bamboo 4. Other
23	b6r7	Type of most flooring material :	C	1. Marble/ceramics/granite 2. Terrazzo/tiles 3. Cement

				4. Wood 5. Soil 6. Other
24	b6r8	Floor area:(square meter)	N	
25	b6r9a	Source of drinking water:	C	1. Branded bottled water -> [**R.11**] 2. Recycled bottled water -> [**R.11**] 3. Pipe with meter -> [**R.10**] 4. Pipe, retail payment-> [**R.11**] 5. Terrestrial well/pump 6. Protected/covered well 7. Unprotected/uncovered well 8. Protected spring 9. Unprotected spring 10. River -> [**R.10**] 11. Rainwater -> [**R.10**] 12. Other -> [**R.10**]
26	b6r9b	Distance to the closest feces containment:	C	1. < 10 m 2. ≥ 10 m 3. Do not know
27	b6r10	The use of drinking water facilities:	C	1. Personal 2. Mutual 3. Public 4. None
28	b6r11	Method to obtain drinking water:	C	1. Buying 2. Customer-based 3. Not buying
29	b6r12a	Source of water for bath/washing:	C	1. Branded bottled water 2. Recycled bottled water 3. Pipe with meter 4. Pipe, retail payment 5. Terrestrial well/pump 6. Protected/covered well 7. Unprotected/uncovered well 8. Protected spring

				9. Unprotected spring 10. River 11. Rainwater 12. Other
30	b6r12b	The water is obtained by:	C	1. Buying 2. Customer-based 3. Not buying
31	b6r13a	Defecation facility use:	C	1. Personal 2. Mutual 3. Public 4. None -> [R.13.c]
32	b6r13b	Type of toilet:	C	1. Goose neck/leher angsa 2. Pit toilet/plengsengan 3. Squat toilet/cemplung 4. None
33	b6r13c	Final disposal location:	C	1. Tank/septic tank 2. Pool/field 3. River/lake/sea 4. Pit hole 5. Beach/open field/farm 6. Other
34	b6r14a	Source of lighting:	C	1. PLN electricity 2. Non-PLN electricity 3. Paraffin lamp/petromak 4. Oil lamp/torch 5. Other
35	b6r14b	The installed capacity:	C	1. 450 Watts 2. 900 Watts 3. 1,300 Watts 4. 2,200 Watts 5. > 2,200 Watts 6. No meter
36	b6r15	Main fuel/energy for cooking:	C	1. Electricity 2. Gas/LPG 3. City gas 4. Kerosene

				5. Charcoal 6. Briquettes 7. Firewood 8. Other
37	b7r1a	Any household member who received free health service in the past 6 months?	C	1. Yes 2. No -> [R.2]
38	b7r1b	The type of card used:	C	1. National health insurance (Jamkesmas) 2. Health card (Kartu sehat) 3. Poor statement (SKTM) 4. Other: _____
39	b7r1bl		F	
40	b7r2a	Is the household ever purchased cheap rice/rice for poor people (raskin) in the past 3 months?	C	1. Yes 2. No -> (R.3.a)
41	b7r2b	The amount of rice purchased: (kg)	N	
42	b7r2c	How much per kg paid by the household for the last purchase of cheap rice?	N	
43	b7r3a1	Business credit accepted - Public Empowerment National Program (PNPM Mandiri)	C	1. Yes 2. No
44	b7r3a2	Business credit accepted - other government program	C	1. Yes 2. No
45	b7r3a3	Business credit accepted - Public Business Credit (KUR)	C	1. Yes 2. No
46	b7r3a4	Business credit accepted - bank program other than KUR	C	1. Yes 2. No
47	b7r3a5	Business credit accepted - cooperatives program	C	1. Yes 2. No
48	b7r3a6	Business credit accepted - individual	C	1. Yes 2. No
49	b7r3a7	Business credit accepted - other	C	1. Yes 2. No
50	b7r3a7l		F	
51	b7r3b	If received more than one type of	C	1. Public Empowerment

		credits, which one is the largest?		National Program (PNPM Mandiri) 2. Other government program 3. Public Business Credit (KUR) 4. Bank program other than KUR 5. Cooperatives program 6. Individual 7. Other (____)
52	b7r4a	Is the household owned the bicycle?	C	1. Yes 2. No
53	b7r4b	Is the household owned the motorcycle?	C	1. Yes 2. No
54	b7r4c	Is the household owned the boat?	C	1. Yes 2. No
55	b7r4d	Is the household owned the cable TV?	C	1. Yes 2. No
56	b7r4e	Is the household owned the AC	C	1. Yes 2. No
57	b7r4f	Is the household owned the water heater?	C	1. Yes 2. No
58	b7r4g	Is the household owned the gas container size > 12 kg?	C	1. Yes 2. No
59	b7r4h	Is the household owned the refrigerator?	C	1. Yes 2. No
60	b7r4i	Is the household owned the motorboat?	C	1. Yes 2. No
61	b7r4j	Is the household owned the car?	C	1. Yes 2. No
62	b7r5a	Is the household earned sufficient income to meet daily expenditure?	C	1. Yes -> [R.6] 2. No
63	b7r5ba	The household use savings (in bank/house) to meet the shortage	C	1. Yes 2. No
64	b7r5bb	The household sell assets to meet the shortage	C	1. Yes 2. No
65	b7r5bc	The household borrow from family to meet the shortage	C	1. Yes 2. No

66	b7r5bd	The household borrow from friend, neighbor to meet the shortage	C	1. Yes 2. No
67	b7r5be	The household borrow from creditor to meet the shortage	C	1. Yes 2. No
68	b7r5bf	The household borrow cash from bank to meet the shortage	C	1. Yes 2. No
69	b7r5bg	The household borrow from cooperatives to meet the shortage	C	1. Yes 2. No
70	b7r5bh	The household pawn goods to meet the shortage	C	1. Yes 2. No
71	b7r6a	For outpatient/inpatient needs - Health Insurance for Civil Servant/Veteran/Pensioner	C	1. Yes 2. No
72	b7r6b	For outpatient/inpatient needs - Jamsostek	C	1. Yes 2. No
73	b7r6c	For outpatient/inpatient needs - Private health insurance	C	1. Yes 2. No
74	b7r6d	For outpatient/inpatient needs - Benefit/reimbursement by company	C	1. Yes 2. No
75	b7r6e	For outpatient/inpatient needs - Health insurance/health card/poor insurance/poor card	C	1. Yes 2. No
76	b7r6f	For outpatient/inpatient needs - Health fund	C	1. Yes 2. No
77	b7r6g	For outpatient/inpatient needs - Other health insurance	C	1. Yes 2. No
78	b8r1	Any telephone in the household?	C	1. Yes 2. No
79	b8r2a	Any household member who have cellular phone (cellphone)?	C	1. Yes 2. No -> [R.3]
80	b8r2b	Total household members who have active cellphone numbers - people	N	
81	b8r2c	Total cellphone numbers owned by household members - numbers	N	
82	b8r3a	Is the household has a desktop/PC?	C	1. Yes 2. No
83	b8r3b	Is the household has a laptop/notebook?	C	1. Yes 2. No

84	b9r1a	Sources of household income (from a household member with the greatest income) - job field	C	1. Rice and crops agriculture 2. Horticulture 3. Plantation 4. Fisheries 5. Livestock 6. Forestry & other agriculture 7. Mining and quarrying 8. Processing industry 9. Electricity and gas 10. Construction/building 11. Trading 12. Hotel and restaurant 13. Transportation and warehousing 14. Information and communications 15. Finance and insurance 16. Educational services 17. Health services 18. Public, governmental and individual services 19. Other
85	b9r1b	Source of household income (from household member with the largest income) - job status	C	0. Income receiver 1. Worker/employee 2. Businessperson
86	fwt	Household weight	N	
87	exp_cap	Average monthly expenditure per capita	N	
88	kabu	Province and distrit	N	=B1R1*100+B1R2
89	series	Additional code of sample household		

In total, 89 variables

kor11ind: Core questionnaire at individual level

No	Variable	Description	Type	Response categories/Remarks
1	b1r1	Province		
2	b1r2	District/City		
3	b1r5	Area		
4	b1r7	Sample code number		
5	b1r8	Household sample sequential number		
6	nart	Serial Number of Household Member	N	1 - 25
7	b1r11	Visit result (= 1: Success)	C	(= 1: Success)
8	hb	Relationship with the head of household	C	1. Head of household 2. Wife/husband 3. Child 4. In-law 5. Grandchild 6. Parent/in-law 7. Other family 8. Housemaid 9. Other
9	jk	Gender	C	1. Male, 2. Female
10	umur	Age (year)	N	0 - 98
11	kwn	Marital status	C	1. Not married 2. Married 3. Divorce 4. Divorce due to death
12	jahat1	Have you become crime victim in the past one year?	C	1. Yes, thievery 2. Yes, robbery 3. Yes, homicide 4. Yes, fraud 5. Yes, rape 6. Yes, other 7. No
13	jahat2	Is it reported to police?	C	1.Yes 2.No
14	pergi1	Travel frequency in the past 3 calendar months?	N	
15	pergi2	Main purpose of the last trip	C	1. Holiday/recreation 2. Professional/business

				3. Mission/meeting/congress 4. Education/training 5. Health 6. Pilgrim/religion 7. Visiting friend/family 8. Sports/culture 9. Other
16	pergi3	Main destination province of the last trip	N	11 – 94, See Provincial code
17	akte1	Have birth certificate from Registrar Office? Can be shown?	C	1. Yes, can be shown 2. Yes, cannot be shown 3. Do not have 4. Do not know
18	akte2	what is the main reason?	C	1. Expensive/no fund 2. Far traveling distance 3. Do not know about birth certificate recording 4. Do not know the processing procedure 5. Do not see the need 6. Other
19	praskl1	Ever/ on pre-school education?	C	1. Yes, once 2. Yes, currently on 3. No
20	praskl2	Type of pre-school education	C	1. Kindergarten/BA/RA 2. Playgroup 3. Daycare 4. PAUD/ Early Childhood Educ. (ECC)/BKB Integrated PAUD/Posyandu **) 5. Other PAUD/ECC (PAUD-TAAM, PAUD-PAK, PAUD-BIA, TKQ & other)**)
21	praskl3	Followed pre-school education in the past 3 months?	C	1. Yes 2. No
22	praskl4	Transportation facility used to go to school	C	1. Without vehicle 2. Bicycle

				3. Private motorcycle 4. Pedicab/horse-drawn carriage 5. Public transportation with fixed route 6. Other public motor vehicle 7. Private car 8. Office-owned motorcycle 9. Office-owned car 10. Other
23	b5_tl1	Birthplace - province/country		
24	b5_tl2	Birthplace - district/city		
25	b5_tt1	Residence location five years ago - province/country		
26	b5_tt2	Residence location five years ago - district/city		
27	b5_ibu	Biological mother sequential number	N	
28	b5_info	Information provider - Sequential no		
29	b5r1a	Any health complaints in the past one month - fever	C	1. Yes 2. No
30	b5r1b	Any health complaints in the past one month - cough	C	1. Yes 2. No
31	b5r1c	Any health complaints in the past one month - cold	C	1. Yes 2. No
32	b5r1d	Any health complaints in the past one month - asthma/breathlessness	C	1. Yes 2. No
33	b5r1e	Any health complaints in the past one month - diarrhea	C	1. Yes 2. No
34	b5r1f	Any health complaints in the past one month - migraine	C	1. Yes 2. No
35	b5r1g	Any health complaints in the past one month - toothache	C	1. Yes 2. No
36	b5r1h	Any health complaints in the past one month - other	C	1. Yes 2. No
37	b5r2	If there is a complaint, did it disrupt job, school or daily activities?	C	1. Yes 2. No -> [R.4.a]
38	b5r3	Period of disruption: (days)	N	

39	b5r4a	Ever performed self-medication in the past 1 month?	C	1. Yes 2. No -> [R.5]
40	b5r4b1	Self medicine/treatment method - traditional medicine	C	1. Yes 2. No
41	b5r4b2	Self medicine/treatment method - modern medicine	C	1. Yes 2. No
42	b5r4b3	Self medicine/treatment method - other	C	1. Yes 2. No
43	b5r5	Ever become an outpatient in the past one month?	C	1. Yes 2. No -> [R.7]
44	b5r6a	How many times became outpatient in the last month - state hospital	N	
45	b5r6b	How many times became outpatient in the last month - private hospital	N	
46	b5r6c	How many times became outpatient in the last month - doctor/polyclinic	N	
47	b5r6d	How many times became outpatient in the last month - health clinic	N	
48	b5r6e	How many times became outpatient in the last month - medical worker practice	N	
49	b5r6f	How many times became outpatient in the last month - traditional treatment	N	
50	b5r6g	How many times became outpatient in the last month - maternity healer	N	
51	b5r6h	How many times became outpatient in the last month - other	N	
52	b5r7	Ever become an outpatient in the past six months?	C	1. Yes 2. No
53	b5r8	Ever become an inpatient in the past one year?	C	1. Yes 2. No -> [Block V.B]
54	b5r9a	Inpatient period (in days) - state hospital	N	
55	b5r9b	Inpatient period - private hospital	N	
56	b5r9c	Inpatient period - health clinic	N	
57	b5r9d	Inpatient period - medical worker practice	N	
58	b5r9e	Inpatient period - traditional treatment	N	
59	b5r9f	Inpatient period - other	N	

60	b5r10a	Age of child (months)	N	
61	b5r10b	Age of child (days)	N	
62	b5r11a	Who assisted the first birth process?	C	1. Doctor 2. Midwife 3. Other paramedic 4. Maternity healer 5. Family 6. Other
63	b5r11b	Who assisted the last birth process?	C	1. Doctor 2. Midwife 3. Other paramedic 4. Maternity healer 5. Family 6. Other
64	b5r12a	How many times the child received immunization - BCG	N	
65	b5r12b	How many times the child received immunization - DPT	N	
66	b5r12c	How many times the child received immunization - Polio	N	
67	b5r12d	How many times the child received immunization - Measles	N	
68	b5r12e	How many times the child received immunization - Hepatitis B	N	
69	b5r13a	Ever provided with breast milk?	C	1. Yes 2. No -> [Other household member]
70	b5r13b1	Period of provided with breast milk:	N	in days if age < 1 month and in months if age is ≥ 1
71	b5r13b2	Period - Breast milk exclusive:	N	in days if age < 1 month and in months if age is ≥ 1
72	b5r13b3	Period - Breast milk and complementary food:	N	in days if age < 1 month and in months if age is ≥ 1
73	b5r14	Schooling participation:	C	1. No/never in school -> [R.19] 2. Still in school 3. No longer in school

74	b5r15	The highest education type and level currently studied/passed:	C	1. Elementary school 2. M. Ibtidaiyah 3. Package A 4. Public junior high 5. M. Tsanawiyah 6. Package B 7. Senior High 8. M. Aliyah (Islamic school) 9. Vocational School 10. Package C 11. Diploma 1/ 2 12. Diploma 3/Bachelor Degree 13. Diploma 4/S1 14. S2/S3
75	b5r16	Highest class/level studied/currently studied:	C	1 2 3 4 5 6 7 8 (Graduated)
76	b5r17	Highest diploma obtained:	C	1. No elementary sch. diploma 2. Elementary school 3. M. Ibtidaiyah 4. Package A 5. Junior high 6. M. Tsanawiyah 7. Package B 8. Senior high 9. M. Aliyah 10. Vocational school 11. Package C 12. Diploma 1/ 2 13. Diploma 3 14. Diploma 4/S1 15. S2/S3
77	b5r18a	Received education in the past 3 months?	C	1. Yes 2. No -> [R.19]
78	b5r18b	Transportation facility generally used to go to school:	C	1. Without vehicle 2. Bicycle 3. Private motorcycle 4. Pedicab/horse-drawn carriage

				5. Public transportation with fixed route 6. Other public motor vehicle 7. Private car 8. Office-owned motorcycle 9. Office-owned car 10. Other
79	b5r19a	Can read and write latin alphabets	C	1. Yes 2. No
80	b5r19b	Can read and write arabic alphabets	C	1. Yes 2. No
81	b5r19c	Can read and write other alphabets	C	1. Yes 2. No
82	b5r20	Ever access the Internet in the past 3 months?	C	1. Yes 2. No -> [R.22]
83	b5r21a	Location/media to access the Internet - house	C	1. Yes 2. No
84	b5r21b	Location/media to access the Internet - internet kiosk	C	1. Yes 2. No
85	b5r21c	Location/media to access the Internet - office	C	1. Yes 2. No
86	b5r21d	Location/media to access the Internet - school	C	1. Yes 2. No
87	b5r21e	Location/media to access the Internet - cellphone	C	1. Yes 2. No
88	b5r21f	Location/media to access the Internet - other(for example: Portable modem)	C	1. Yes 2. No
89	b5r22	Reason why never go to school or no longer in school:	C	1. No money 2. Working 3. Married/handle household 4. Feel sufficient education announcement 5. Underage 6. Bashful due to economic Condition 7. Far distance to school 8. Disabled 9. Waiting for 10. Not accepted 11. Other
90	b5r23a	Month quit school	N	
91	b5r23b	Year quit school	N	

92	b5r24a1	Activities in past one week - work	C	1. Yes 2. No
93	b5r24a2	Activities in past one week - attending school	C	1. Yes 2. No
94	b5r24a3	Activities in past one week - handling household	C	1. Yes 2. No
95	b5r24a4	Activities in past one week - other beside personal activity	C	1. Yes 2. No
96	b5r24b	What activity used the most time in the past one week?	C	1. Work 2. School 3. Handling household 4. Other beside personal activity
97	b5r25	Do you have work/business, but temporarily not working for the past one week?	C	1. Yes 2. No
98	b5r26	Are you looking for work or preparing for business during the past one week?	C	1. Yes 2. No
99	b5r27a	Did you work in the past 3 months?	C	1. Yes 2. No
100	b5r27b	Transportation facility generally used to go to work:	C	1. Without vehicle 2. Bicycle 3. Private motorcycle 4. Pedicab/horse-drawn carriage 5. Public transportation with fixed route 6. Other public motor vehicle 7. Private car 8. Office-owned motorcycle 9. Office-owned car 10. Other
101	b5r28a	Total work day: (days)	N	
102	b5r28b	Total work hour from all jobs in the past one week: (hours)	N	
103	b5r29	The amount of net wage/salary (money and goods) generally received in a month from the main job - rupiah	N	
104	b5r30	Main business/job from workplace in the past one week:	C	1. Rice and crops agriculture 2. Horticulture 3. Plantation

				4. Fisheries 5. Livestock 6. Forestry & other agriculture 7. Mining and quarrying 8. Processing industry 9. Electricity and gas 10. Construction/building 11. Trading 12. Hotel and restaurant 13. Transportation and warehousing 14. Information and communications 15. Finance and insurance 16. Educational services 17. Health services 18. Public, governmental and individual services 19. Other
105	b5r31	Position/status of the main job in the past one week:	C	1. Self-owned business/freelance 2. Self-owned business with non-permanent/non-paid worker 3. Self-owned business with permanent/paid worker 4. Worker/employee/staff 5. Freelancer 6. Family or non-paid worker
106	b5r32	First marriage at age: (Years)	N	
107	b5r33	Number of years in marriage: (years)	N	
108	b5r34a1	Children born alive - male	N	
109	b5r34a2	Children born alive - female	N	
110	b5r34a3	Children born alive - male + female	N	
111	b5r34b1	Children are still alive - male	N	
112	b5r34b2	Children are still alive - female	N	

113	b5r34b3	Children are still alive - male + female	N	
114	b5r34c1	Children already deceased - male	N	
115	b5r34c2	Children already deceased - female	N	
116	b5r34c3	Children already deceased - male + female	N	
117	b5r35	The use/wearing of family planning device/method?	C	1. Using it now 2. No longer use it -> [R.37] 3. Never use it -> [R.37]
118	b5r36	The selected family planning device/method:	C	1. Women/tubectomy 2. Men/vasectomy 3. IUD/spiral 4. Injection 5. Implant/norplant 6. Birth control pill 7. Condom/rubber 8. Intravag/tissue/women condom 9. Female condom 10. Traditional method
119	b5r37	Still want child?	C	1. Yes, soon (< 2 years) -> [Other household member] 2. Yes, later (≥ 2 years) 3. No
120	b5r38	Main reason of not using family planning:	C	1. Fertility reason (barren, menopause, fasting, tradition, want child) 2. Against family planning 3. Do not know family planning device/method 4. Afraid of family planning side effects 5. Do not know 6. Other (____)
121	b5r38l	The main reason of not using family others planning		
122	fwt	Household weight		
123	exp_cap	Average monthly expenditure per capita		
124	kabu			

125	series			

In total, 125 variables.

blok41.exp; Consumption module of food expenditure

(unit: expenditure item, during the previous week)

No	Variable	Description	Type	Remarks
1	b1r1	Province	N	
2	b1r2	Regency/municipality	N	
3	b1r5	Area	C	
4	b1r7	Sample code number	N	
5	b1r8	Serial number of household	N	
6	kode	Item ID (food expenditure)	N	1-229 Note: Items of sub-total are included. (*)
7	b2r1	Household size	N	
8	klp	Item ID (food groups);	N	0 if KODE is an item of sub-total, sub-group Item ID if KODE is not item of sub-total. (*)
9	b41k4	Quantity of consumption purchased (cash/owed) during previous week (kilograms)	N	
10	b41k5	Value of consumption purchased (cash/owed) during previous week (rupiah)	N	
11	b41k6	Quantity of consumption of own production, given, etc. during previous week (kilograms)	N	
12	b41k7	Value of consumption of own production, given, etc. during previous week (rupiah)	N	
13	b41k8	Total quantity of consumption during previous week (kilograms)	N	(= b41k4 + b41k6)
14	b41k9	Total value of consumption during previous week (rupiah)	N	(= b41k5 + b41k7)
15	rh	Range of price	N	Note: No explanation about this variable
16	wert	Household weight	N	
17	weind	Individual weight ?	N	
18	Series		N	

In total, 18 variables.

Note: The records with KLP=0 (sub-total) are dropped from the resampled data.

blok41.karoli; Consumption module of food calorie

(unit: expenditure item, during the previous week)

No	Variable	Description	Type	
1	b1r1	Province	N	
2	b1r2	Regency/municipality	N	
3	b1r5	Area	N	
4	b1r7	Sample code number	N	
5	b1r8	Serial number of household	N	
6	kode	Item ID (food expenditure) 1-229	C	(*)
7	b2r1	Household size	N	
8	klp	Item ID (food groups) 0-223	C	(*)
9	kalori (calorie)	Calorie consumption over the past week	N	
10	protein	Protein consumption over the past week	N	
11	lemak (fat)	Fat consumption over the past week	N	
12	karbo (carbo)	Carbohydrate consumption over the past week	N	
13	wert	Household weight	N	
14	weind	Individual weight	N	
15	Series		N	

In total, 15 variables.

Note: The records with KLP=0 (sub-total) are dropped from the resampled data.

blok42: Consumption module of non-food expenditure

(unit: expenditure item, during the previous three months)

No	Variable	Label	Type	
1	b1r1	Province	N	
2	b1r2	Regency/municipality	N	
3	b1r5	Area	N	
4	b1r7	Sample code number	N	
5	b1r8	Serial number of household	N	
6	kode	Item ID (non-food expenditure)	C	230-343 Note: Item of sub-total are included. (*)
7	b2r1	Household size	N	
8	klp	Item ID (non-food groups)	N	0 if KODE is an item of sub-total, sub-group Item ID if KODE is not item of sub-total. (*)
9	b42k2	Details on type of expenditures for commodities other than food	N	
10	b42k3	Non-food expenditures on 3 months ago	N	
11	b42k4	Non-food expenditures on 2 months ago	N	
12	b42k5	Non-food expenditures on 1 months ago	N	
13	b42k6	Total expenditure on non-food items for 1 to 3 months	N	(sum of the above three variables)
14	wert	Household weight	N	
15	weind		N	(= b2r1 * wert)
16	Series		N	

In total, 16 variables.

Note: The records with KLP=0 (sub-total) are dropped from the resampled data.

blok43: Core module of monthly summary at household level

No	Variable	Description	Type	
1	b1r1	Province	N	
2	b1r2	Regency/municipality	N	
3	b1r5	Area	N	
4	b1r7	Sample code number	N	
5	b1r8	Serial number of household	N	
6	b2r1	Household size	N	
7	kalori (calorie)	Daily average consumption of calorie per capita	N	(from blok41.kalori, divided by 7)
8	food	Monthly household food expenditure	N	(from blok41.exp, multiplied by 30/7)
9	nfood	Monthly household non- food expenditure	N	(from blok42, divided by 3)
10	expend (hhexp)	Monthly household total expenditure	N	(= food + nfood)
11	kapita (pcexp)	Monthly per capita expenditure	N	(= expend / b2r1)
12	wert	Household weight	N	(= kor11rt$fwt)
13	weind		N	(= b2r1 * wert)
14	Series		N	

In total, 14 variables.

Attachment 3

List of Province and District

b1r1: Province (11-94)
b1r2: District (01-79)

1101	01. Simeulue
1102	02. Aceh Singkil
1103	03. Aceh Selatan
1104	04. Aceh Tenggara
1105	05. Aceh Timur
1106	06. Aceh Tengah
1107	07. Aceh Barat
1108	08. Aceh Besar
1109	09. Pidie
1110	10. Bireuen
1111	11. Aceh Utara
1112	12. Aceh Barat Daya
1113	13. Gayo Lues
1114	14. Aceh Tamiang
1115	15. Nagan Raya
1116	16. Aceh Jaya
1117	17. Bener Meriah
1118	18. Pidie Jaya
1171	71. Banda Aceh
1172	72. Sabang
1173	73. Langsa
1174	74. Lhokseumawe
1175	75. Subulussalam
1201	01. Nias
1202	02. Mandailing Natal
1203	03. Tapanuli Selatan
1204	04. Tapanuli Tengah
1205	05. Tapanuli Utara
1206	06. Toba Samosir
1207	07. Labuhan Batu
1208	08. Asahan
1209	09. Simalungun
1210	10. Dairi
1211	11. Karo
1212	12. Deli Serdang
1213	13. Langkat
1214	14. Nias Selatan
1215	15. Humbang Hasundutan
1216	16. Pakpak Bharat
1217	17. Samosir
1218	18. Serdang Bedagai
1219	19. Batu Bara
1220	20. Padang Lawas Utara
1221	21. Padang Lawas
1222	22. Labuhan Batu Selatan
1223	23. Labuhan Batu Utara
1224	24. Nias Utara
1225	25. Nias Barat
1271	71. Sibolga
1272	72. Tanjung Balai
1273	73. Pematang Siantar
1274	74. Tebing Tinggi
1275	75. Medan
1276	76. Binjai
1277	77. Padangsidimpuan
1278	78. Gunungsitoli
1301	01. Kepulauan Mentawai
1302	02. Pesisir Selatan
1303	03. Solok
1304	04. Sijunjung
1305	05. Tanah Datar
1306	06. Padang Pariaman
1307	07. Agam
1308	08. Lima Puluh Kota
1309	09. Pasaman
1310	10. Solok Selatan
1311	11. Dharmasraya
1312	12. Pasaman Barat
1371	71. Padang
1372	72. Solok
1373	73. Sawah Lunto
1374	74. Padang Panjang
1375	75. Bukittinggi
1376	76. Payakumbuh
1377	77. Pariaman
1401	01. Kuantan Singingi
1402	02. Indragiri Hulu
1403	03. Indragiri Hilir
1404	04. Pelalawan
1405	05. S I A K
1406	06. Kampar
1407	07. Rokan Hulu
1408	08. Bengkalis
1409	09. Rokan Hilir
1410	10. Kepulauan Meranti
1471	71. Pekanbaru
1473	73. D U M A I
1501	01. Kerinci
1502	02. Merangin
1503	03. Sarolangun
1504	04. Batang Hari
1505	05. Muaro Jambi
1506	06. Tanjung Jabung Timur
1507	07. Tanjung Jabung Barat
1508	08. Tebo
1509	09. Bungo
1571	71. Jambi
1572	72. Sungai Penuh
1601	01. Ogan Komering Ulu

1602	02. Ogan Komering Ilir
1603	03. Muara Enim
1604	04. Lahat
1605	05. Musi Rawas
1606	06. Musi Banyuasin
1607	07. Banyu Asin
1608	08. Ogan Komering Ulu Selatan
1609	09. Ogan Komering Ulu Timur
1610	10. Ogan Ilir
1611	11. Empat Lawang
1671	71. Palembang
1672	72. Prabumulih
1673	73. Pagar Alam
1674	74. Lubuklinggau
1701	01. Bengkulu Selatan
1702	02. Rejang Lebong
1703	03. Bengkulu Utara
1704	04. Kaur
1705	05. Seluma
1706	06. Mukomuko
1707	07. Lebong
1708	08. Kepahiang
1709	09. Bengkulu Tengah
1771	71. Bengkulu
1801	01. Lampung Barat
1802	02. Tanggamus
1803	03. Lampung Selatan
1804	04. Lampung Timur
1805	05. Lampung Tengah
1806	06. Lampung Utara
1807	07. Way Kanan
1808	08. Tulangbawang
1809	09. Pesawaran
1810	10. Pringsewu
1811	11. Mesuji
1812	12. Tulang Bawang Barat
1871	71. Bandar Lampung
1872	72. Metro
1901	01. Bangka
1902	02. Belitung
1903	03. Bangka Barat
1904	04. Bangka Tengah
1905	05. Bangka Selatan
1906	06. Belitung Timur
1971	71. Pangkal Pinang
2101	01. Karimun
2102	02. Bintan
2103	03. Natuna
2104	04. Lingga
2105	05. Kepulauan Anambas
2171	71. B A T A M
2172	72. Tanjung Pinang
3101	01. Kepulauan Seribu
3171	71. Jakarta Selatan
3172	72. Jakarta Timur
3173	73. Jakarta Pusat
3174	74. Jakarta Barat
3175	75. Jakarta Utara
3201	01. Bogor
3202	02. Sukabumi
3203	03. Cianjur
3204	04. Bandung
3205	05. Garut
3206	06. Tasikmalaya
3207	07. Ciamis
3208	08. Kuningan
3209	09. Cirebon
3210	10. Majalengka
3211	11. Sumedang
3212	12. Indramayu
3213	13. Subang
3214	14. Purwakarta
3215	15. Karawang
3216	16. Bekasi
3217	17. Bandung Barat
3271	71. Bogor
3272	72. Sukabumi
3273	73. Bandung
3274	74. Cirebon
3275	75. Bekasi
3276	76. Depok
3277	77. Kota Cimahi
3278	78. Kota Tasikmalaya
3279	79. Banjar
3301	01. Cilacap
3302	02. Banyumas
3303	03. Purbalingga
3304	04. Banjarnegara
3305	05. Kebumen
3306	06. Purworejo
3307	07. Wonosobo
3308	08. Magelang
3309	09. Boyolali
3310	10. Klaten
3311	11. Sukoharjo
3312	12. Wonogiri
3313	13. Karanganyar
3314	14. Sragen
3315	15. Grobogan
3316	16. Blora
3317	17. Rembang
3318	18. Pati
3319	19. Kudus
3320	20. Jepara
3321	21. Demak
3322	22. Semarang
3323	23. Temanggung
3324	24. Kendal

3325	25. Batang
3326	26. Pekalongan
3327	27. Pemalang
3328	28. Tegal
3329	29. Brebes
3371	71. Magelang
3372	72. Surakarta
3373	73. Salatiga
3374	74. Semarang
3375	75. Pekalongan
3376	76. Tegal
3401	01. Kulon Progo
3402	02. Bantul
3403	03. Gunung Kidul
3404	04. Sleman
3471	71. Yogyakarta
3501	01. Pacitan
3502	02. Ponorogo
3503	03. Trenggalek
3504	04. Tulungagung
3505	05. Blitar
3506	06. Kediri
3507	07. Malang
3508	08. Lumajang
3509	09. Jember
3510	10. Banyuwangi
3511	11. Bondowoso
3512	12. Situbondo
3513	13. Probolinggo
3514	14. Pasuruan
3515	15. Sidoarjo
3516	16. Mojokerto
3517	17. Jombang
3518	18. Nganjuk
3519	19. Madiun
3520	20. Magetan
3521	21. Ngawi
3522	22. Bojonegoro
3523	23. Tuban
3524	24. Lamongan
3525	25. Gresik
3526	26. Bangkalan
3527	27. Sampang
3528	28. Pamekasan
3529	29. Sumenep
3571	71. Kediri
3572	72. Blitar
3573	73. Malang
3574	74. Probolinggo
3575	75. Pasuruan
3576	76. Kota Mojokerto
3577	77. Kota Madiun
3578	78. Surabaya
3579	79. Batu
3601	01. Pandeglang
3602	02. Lebak
3603	03. Tangerang
3604	04. Serang
3671	71. Tangerang
3672	72. Cilegon
3673	73. Serang
3674	74. Tangerang Selatan
5101	01. Jembrana
5102	02. Tabanan
5103	03. Badung
5104	04. Gianyar
5105	05. Klungkung
5106	06. Bangli
5107	07. Karang Asem
5108	08. Buleleng
5171	71. Denpasar
5201	01. Lombok Barat
5202	02. Lombok Tengah
5203	03. Lombok Timur
5204	04. Sumbawa
5205	05. Dompu
5206	06. Bima
5207	07. Sumbawa Barat
5208	08. Lombok Utara
5271	71. Mataram
5272	72. Bima
5301	01. Sumba Barat
5302	02. Sumba Timur
5303	03. Kupang
5304	04. Timor Tengah Selatan
5305	05. Timor Tengah Utara
5306	06. Belu
5307	07. Alor
5308	08. Lembata
5309	09. Flores Timur
5310	10. Sikka
5311	11. Ende
5312	12. Ngada
5313	13. Manggarai
5314	14. Rote Ndao
5315	15. Manggarai Barat
5316	16. Sumba Tengah
5317	17. Sumba Barat Daya
5318	18. Nagekeo
5319	19. Manggarai Timur
5320	20. Sabu Raijua
5371	71. Kupang
6101	01. Sambas
6102	02. Bengkayang
6103	03. Landak
6104	04. Pontianak
6105	05. Sanggau
6106	06. Ketapang

6107	07. Sintang
6108	08. Kapuas Hulu
6109	09. Sekadau
6110	10. Melawi
6111	11. Kayong Utara
6112	12. Kubu Raya
6171	71. Pontianak
6172	72. Singkawang
6201	01. Kotawaringin Barat
6202	02. Kotawaringin Timur
6203	03. Kapuas
6204	04. Barito Selatan
6205	05. Barito Utara
6206	06. Sukamara
6207	07. Lamandau
6208	08. Seruyan
6209	09. Katingan
6210	10. Pulang Pisau
6211	11. Gunung Mas
6212	12. Barito Timur
6213	13. Murung Raya
6271	71. Palangka Raya
6301	01. Tanah Laut
6302	02. Kota Baru
6303	03. Banjar
6304	04. Barito Kuala
6305	05. Tapin
6306	06. Hulu Sungai Selatan
6307	07. Hulu Sungai Tengah
6308	08. Hulu Sungai Utara
6309	09. Tabalong
6310	10. Tanah Bumbu
6311	11. Balangan
6371	71. Banjarmasin
6372	72. Banjar Baru
6401	01. Paser
6402	02. Kutai Barat
6403	03. Kutai Kartanegara
6404	04. Kutai Timur
6405	05. Berau
6406	06. Malinau
6407	07. Bulungan
6408	08. Nunukan
6409	09. Penajam Paser Utara
6410	10. Tana Tidung
6471	71. Balikpapan
6472	72. Samarinda
6473	73. Tarakan
6474	74. Bontang
7101	01. Bolaang Mongondow
7102	02. Minahasa
7103	03. Kepulauan Sangihe
7104	04. Kepulauan Talaud
7105	05. Minahasa Selatan
7106	06. Minahasa Utara
7107	07. Bolaang Mongondow Utara
7108	08. Siau Tagulandang Biaro
7109	09. Minahasa Tenggara
7110	10. Bolaang Mongondow Selatan
7111	11. Bolaang Mongondow Timur
7171	71. Manado
7172	72. Bitung
7173	73. Tomohon
7174	74. Kotamobagu
7201	01. Banggai Kepulauan
7202	02. Banggai
7203	03. Morowali
7204	04. Poso
7205	05. Donggala
7206	06. Toli-Toli
7207	07. Buol
7208	08. Parigi Moutong
7209	09. Tojo Una-Una
7210	10. Sigi
7271	71. Palu
7301	01. Selayar
7302	02. Bulukumba
7303	03. Bantaeng
7304	04. Jeneponto
7305	05. Takalar
7306	06. Gowa
7307	07. Sinjai
7308	08. Maros
7309	09. Pangkajene Dan Kepulauan
7310	10. Barru
7311	11. Bone
7312	12. Soppeng
7313	13. Wajo
7314	14. Sidenreng Rappang
7315	15. Pinrang
7316	16. Enrekang
7317	17. Luwu
7318	18. Tana Toraja
7322	22. Luwu Utara
7325	25. Luwu Timur
7326	26. Toraja Utara
7371	71. Makassar
7372	72. Pare-Pare
7373	73. Palopo
7401	01. Buton
7402	02. Muna
7403	03. Konawe
7404	04. Kolaka
7405	05. Konawe Selatan
7406	06. Bombana
7407	07. Wakatobi
7408	08. Kolaka Utara
7409	09. Buton Utara

7410	10. Konawe Utara
7471	71. Kendari
7472	72. Bau-Bau
7501	01. Boalemo
7502	02. Gorontalo
7503	03. Pohuwato
7504	04. Bone Bolango
7505	05. Gorontalo Utara
7571	71. Gorontalo
7601	01. Majene
7602	02. Polewali Mandar
7603	03. Mamasa
7604	04. Mamuju
7605	05. Mamuju Utara
8101	01. Maluku Tenggara Barat
8102	02. Maluku Tenggara
8103	03. Maluku Tengah
8104	04. Buru
8105	05. Kepulauan Aru
8106	06. Seram Bagian Barat
8107	07. Seram Bagian Timur
8108	08. Maluku Barat Daya
8109	09. Buru Selatan
8171	71. Ambon
8172	72. Tual
8201	01. Halmahera Barat
8202	02. Halmahera Tengah
8203	03. Kepulauan Sula
8204	04. Halmahera Selatan
8205	05. Halmahera Utara
8206	06. Halmahera Timur
8207	07. Pulau Morotai
8271	71. Ternate
8272	72. Tidore Kepulauan
9101	01. Fakfak
9102	02. Kaimana
9103	03. Teluk Wondama
9104	04. Teluk Bintuni
9105	05. Manokwari
9106	06. Sorong Selatan
9107	07. Sorong
9108	08. Raja Ampat
9109	09. Tambrauw
9110	10. Maybrat
9171	71. Sorong
9401	01. Merauke
9402	02. Jayawijaya
9403	03. Jayapura
9404	04. Nabire
9408	08. Kepulauan Yapen
9409	09. Biak Numfor
9410	10. Paniai
9411	11. Puncak Jaya
9412	12. Mimika
9413	13. Boven Digoel
9414	14. Mappi
9415	15. Asmat
9416	16. Yahukimo
9417	17. Pegunungan Bintang
9418	18. Tolikara
9419	19. Sarmi
9420	20. Keerom
9426	26. Waropen
9427	27. Supiori
9428	28. Mamberamo Raya
9429	29. Nduga
9430	30. Lanny Jaya
9431	31. Mamberamo Tengah
9432	32. Yalimo
9433	33. Puncak
9434	34. Dogiyai
9435	35. Intan Jaya
9436	36. Deiyai
9471	71. Jayapura