

**INDONESIAN LABOUR FORCE SURVEY (SAKERNAS)
AUGUST 2008**

**A USER'S GUIDE TO DATA FILES HELD AT
THE AUSTRALIAN NATIONAL UNIVERSITY**

**AUSTRALIAN DEMOGRAPHIC AND SOCIAL RESEARCH INSTITUTE
THE AUSTRALIAN NATIONAL UNIVERSITY
CANBERRA, 2010**

Contents

	Page
Contents	2
1. About SAKERNAS 2008	3
2. Data File	8
3. Data List	9
4. Missing data	17
5. Province and District/City Code	18
6. Indonesian Industrial Classification Standard 2005	23
7. Indonesian Occupational Classification Standard 2002	46
8. Questionnaire	56

1. ABOUT SAKERNAS 2008

A. EXPLANATORY NOTES

The National Labour Force Survey (SAKERNAS) is one source of data on the labour force in Indonesia. In 2008 SAKERNAS were conducted two times i.e. in February and in August. In August 2008, the total numbers of samples were 931,890 individuals covering all provinces in Indonesia.

The SAKERNAS is aimed to meet three objectives:

- i. Employment by education, working hours, industrial classification and employment status.
- ii. Unemployment by different characteristics and efforts on looking for work.
- iii. Working age population not in the labour force (e.g. in schools, doing housekeeping and others)

The questionnaire applied in the data collection of SAKESNAS 2008 for labour personal information is SAK2008-AK that was designed for asking information of the economically active and not economically active situation.

There are three important things should be considered:

1. The increasing number of sample size makes it possible to analyse data up to district level.
2. Industrial classification applied in SAKERNAS in August 2008 is the Indonesian Industrial Classification Standard (KBLI) 2005 NOT the Indonesian Standard Industrial Classification (KLUI, Klasifikasi Lapangan Usaha Indonesia) in 1990. However there is a variable in the data set indicating the main industry using KLUI 1990.
3. Occupation classification applied in SAKERNAS in August 2008 is based on the Indonesian Occupation Classification Standard (KBJI) 2002 which refer to ISCO 88 and presented occupation classification in more detail. For data comparison needs, data of occupation classification 2002 has been converted into the occupation classification (KJI) 1982. There is a variable in the data set indicating the main industry using KJI 1982.

B. INFORMATION COLLECTED

There are two kinds of information collected in the labour force survey, namely individual information and household information, even though the individual information was asked for persons aged 10 years and over.

Data on individual information include:

- Member of household information: name, relation to the head of household, sex, age, marital status, and education attainment.
- Activities during last week: worked, temporary not working, looking for work, attending school, doing housekeeping and others (pension, disabled, etc).
- For those who were working: place of work/industry, employment status, total hours of work during last week, and total wage/salary received.
- For those who were looking for job: the duration of looking for work, were they looking for full or part-time job and how they were looking for work.

C. CONCEPT AND DEFINITION

1. The labour force concept used in the 2008 SAKERNAS are the same as those recommended by the International Labour Office (ILO), which divides population into working age population and not working age population. The working age population is classified into two major categories according to their current activities: those in the labour force and those not in the labour force. Definition regarding this concept applied in Indonesia is presented in the following description.
2. Working age population: persons of 15 years old and over
3. Labour Force: persons of 15 years old and over who were working, temporary absent from work but having jobs, and those who did not have work and were looking for work.
4. **Not in labour force:** persons age 15 years and over, but not classified in the labour force, such as student, housekeepers, etc.
5. **Working:** an activity done by a person who worked for a pay or assisted others in obtaining pay or profit for the duration at least one hour during the survey week.
6. A "relaxed" ILO concept of unemployment, consists of:
 - a. Person without work but looking for work
 - b. Person without work who have established a new business/firm
 - c. Person without work who were not looking for work, because they do not expect to find work
 - d. Person who have made arrangements to start work on a date subsequent to the reference period (future starts)
7. Temporary absent from work, but having jobs: an activity done by a person who had a job, but was temporarily absent from work for some reasons during the survey week, exclude future starts.

8. **Underemployment:** is a person who worked under the normal working hours (less than 35 hours a week). It consists of involuntary underemployment and voluntary under employment.
 - a. **Involuntary underemployment:** is a person who worked under the normal working hours (less than 35 hours a week), and he/she is still looking for a job or available for work.
 - b. **Voluntary underemployment:** is a person who worked under the normal working hours (less than 35 hours a week), but he is not looking for a job or unavailable for work.
9. **Students:** persons who were regularly attending a formal school (exclude students who were on school holidays).
10. **Housekeepers:** persons who were engaged in household duties in their own home, or persons who helped in managing household chores without payment, e.g. housewives and their children who are doing household work. However, an activity undertaken by a servant is considered as “work”.
11. **Others:** persons performing activities other than the ones mentioned above, such as retirees, those disabled recipients of private allowance and others.
12. **Educational attainment:** the highest educational level completed by a person, verified with the receipt of a diploma or a letter of completion/certificate.
13. **Total working hours:** in a week refer to total hours used by an employee to do his/her job during a calendar week (excluding the time used for other activities which are not classified as “work”.
14. **Industry:** refers to the activity of the place of work/company/office in which a person is employed, classified according to the Indonesian Standard Industrial Classification (KBLI).
15. **Occupation:** refer to the type of work carried out by a particular respondent, classified according to the KBJI 2002 **NOT** Indonesian Classification of Occupation (KJI) 1982.
16. **Wage/salary** is the remuneration paid to an employee by an employer, including payment in cash and or in kind.
17. **Employment status** is the status of a person at the where he/she works. There are seven different categories:
 - a. Own-account workers are those workers who, working or their own account or with one or more partners, hold the type of job defined as a “self employment job”, and have not engaged on a continuous basis any “employees” to work for them during the reference period.
 - b. Self-Employed assisted by family members or temporary workers.

- c. Employer with by permanent workers: is a person who does his/her business assisted by paid permanent workers.
 - d. Employee: is a person who works for another person or an institution with a stable contract for pay in cash or in kind.
 - e. Causal employee in agriculture: is a person who works at her/his own risk without the assistance of his/her family members or employees in the agricultural sector.
 - f. Casual employee not in agriculture: is a person who works at her/his own risk without the assistance of his/her family members or employees outside the agricultural sector.
 - g. Unpaid workers: is a person who works without pay in an economic enterprise operated by other members of the family, relatives or neighbours.
18. **Informal Activity** is a development concept of variable which derives from SAKERNAS variable. It can be produced by cross tabulation between two variables, namely: **employment status** and **main occupation**. Below, in each cell of cross-tab is indicated **formal (F) and informal (I) activities**.

D. DETERMINANT FACTORS

It is suggested for data users to underpin into a high consideration some factors in term of interpreting and analysing labour data. The variety factors are included below:

1. Purpose of Survey

SAKERNAS is a survey which is aimed for labour data collection. SAKERNAS is relatively different compared with Population Census (SP) and Intercensal Population Survey (SUPAS) which are more focus on demographic characteristics of the population. As a consequence, the SP and SUPAS data collection would have much more variety of variables than SAKERNAS. The variables cover data on education, migration, family planning, and labour. Other labour force data source is National Social and Economic Survey (SUSENAS) which collects data on many aspects of social and economic characteristics, such as: consumption, labour, health, and household variables. The complexity of the variables and dissimilarity of survey function of the four kinds of survey design give more contribution toward each labour data quality.

2. Sample Size

The difference of sample size of SAKERNAS compared with other surveys mentioned above will also lead to different levels of sampling error. The smaller sample size the greater will be the sampling error of a survey.

3. Enumerators/surveyor quality

The enumerators/surveyors in SAKERNAS are mostly employees of BPS (Statistics Office Staff) who are appointed at district level office called MANTIS (field survey coordinator on district area), and BPS's staff on sub-district level office. Most of them have experience on many surveys and censuses activities, and recognize field area well. Conversely, on SUPAS, SP and SUSENAS need enormous number of enumerators/surveyors, as a result, on these surveys there are numbers of enumerators/surveyors who are non-BPS's staff (Mitra Statistik). They are free lance surveyors consisting of local people from field survey area who are mainly teachers, local government officer (village and district) and from private institution with a minimum prerequisite of having high school education background.

4. Questionnaire Plan

The way of structuring and working questionnaire on labour characteristics will strongly affect the quality of collected data. This includes the structure and the wording of questionnaire, the question order, and the number of variables and questions that would be asked to respondents. In SAKERNAS, the questionnaire has been designed in a simple and concise way. It is expected that respondents will understand the aim of question of survey and avoid the memory lapse and uninterested respondents during data collection. Furthermore, the design of SAKERNAS's questionnaire remains stable in order to maintain data comparison.

5. Time Reference of Surveys

The time references of survey among SAKERNAS, SUSENAS, SP and SUPAS are different. This may lead to different finding of each survey due to seasonal factors, such as employment rate variable during harvest time and possibility of failure to reach respondent out by enumerator during heavy raining season.

2. DATA FILE

File Names	Notes:
Sakernas_2008.sav	<p>No. of cases : 931,890 individuals No of variables : 77 Questionnaire : SAK08-AK</p> <ul style="list-style-type: none">• Block I. Location Identification• Block II. Enumerator Characteristics• Block III. Characteristics of Household Members• Block IV. Characteristics of Household Members Aged 10 Years and Above:<ul style="list-style-type: none">A. EducationB. Activities During the Previous WeekC. Main IndustryD. Additional JobE. Looking for a New Job/Establish a New Business/FirmF. Job Experience

3. DATA LIST

No.	Variable Name	Digit	Variable Labels	Value Labels
BLOCK I. LOCATION IDENTIFICATION				
1	D_R	1	D_R	None
2	b1p01	2	Province	On page 18
3	b1p02	2	District/city	On page 18
4	b1p05	1	Village/Region classification	1 'Urban' 2 'Rural'
BLOCK II. SUMMARY				
5	b2p01	2	Number of household members	None
6	b2p02	2	Number of household members aged 10 years and over	None
III. CHARACTERISTICS OF HOUSEHOLD MEMBERS				
7	no	2	ID number of household member	None
8	hub	1	Relation to the head of household	1 'The head of the household' 2 'Wife/Husband' 3 'Children' 4 'Son/daughter in-law' 5 'Grandchildren' 6 'Parent/Parent in-law' 7 'Other Relatives' 8 'Housemaid' 9 'Others'
9	jk	1	Sex	1 'Male' 2 'Female'
10	umur	2	Age	None
11	statk	1	Marital Status	1 'Single' 2 'Married' 3 'Divorced' 4 'Widowed'
12	sek	1	School Participation	1 'Never/not yet attending school' 2 'Attending School' 3 'Not attending School anymore'
V. CHARACTERISTICS OF HOUSEHOLD MEMBER AGED 10 YEARS AND ABOVE				
13	noart	2	ID number of household member	None
14	b5p1a	2	The highest level of education attainment	1 'Never/Not yet enroll to school' 2 'No/not yet graduated from primary school' 3 'Primary school/madrasah ibtidaiyah' 4 'General junior secondary school/madrasah tsanawiyah' 5 'Vocational junior secondary school' 6 'General senior secondary school / madrasah aliyah' 7 'Vocational Senior secondary school' 8 'Diploma I/II' 9 'Academy/Diploma III' 10 'Diploma IV/Bachelor' 11 'Master/doctoral degree'

No.	Variable Name	Digit	Variable Labels	Value Labels
15	b5p1b	2	Field of study	1 'Higher or Tertiary Education - Religion and Theology' 2 'Higher or Tertiary Education - Administration or Business Management' 3 'Higher or Tertiary Education - Administration or Financial Management' 4 'Higher or Tertiary Education - Government Administration' 5 'Higher or Tertiary Education - administration or Office Management' 6 'Higher or Tertiary Education - Architecture and Urban Planning' 7 'Higher or Tertiary Education - Language and Literature' 8 'Higher or Tertiary Education – Economy' 9 'Higher or Tertiary Education - Law and Justice' 10 'Higher or Tertiary Education – Humanities' 11 'Higher or Tertiary Education - Natural Sciences' 12 'Higher or Tertiary Education - Social and Political Sciences' 13 'Higher or Tertiary Education - Medical and Health Science' 14 'Higher or Tertiary Education – Forestry' 15 'Higher or Tertiary Education - Arts and Fine Arts' 16 'Higher or Tertiary Education - Public Communication and Documentation' 17 'Higher or Tertiary Education - Mathematics and Computer Science' 18 'Higher or Tertiary Education – Services' 19 'Higher or Tertiary Education – Fishery' 20 'Higher or Tertiary Education – Agriculture' 21 'Higher or Tertiary Education - Carpentry, Crafts and Industry' 22 'Higher or Tertiary Education - Animal Husbandry' 23 'Higher or Tertiary Education – Psychology' 24 'Higher or Tertiary Education - Engineering or Technology' 25 'Higher or Tertiary Education - Transportation and Communications' 26 'Higher or Tertiary Education - Education and Teaching' 27 'Higher or Tertiary Education – others' 37 'Senior Secondary School – Natural Science' 38 'Senior Secondary School – Social Science' 39 'Senior Secondary School – Physic' 40 'Senior Secondary School – Biology' 41 'Senior Secondary School – Language and Literature'

No.	Variable Name	Digit	Variable Labels	Value Labels
				42 'Technical Senior Secondary School or STM - Electrical, Engineering, Graphic, Textile, Aviation and others' 43 'Economic Senior Secondary School or SMEA- Economics, Accounting, and Commerce' 44 'Family Welfare Senior Secondary School or SMK - Food, Fashion, and Housing' 45 'Vocational Senior Secondary School - Hospitality, Tourism, Nursing, and Others' 50 'No entries'
16	b5p1c	4	Year of graduation	None
17	b5p1d	1	Have been trained/enrol to a course and got a certificate?	1 'Yes' 2 'No'
18	b5p1e1	2	If b5p1d "Yes" the first main training/course has taken based on priority use	1 'Vocational training - Tailoring' 2 'Vocational training - Embroidery' 3 'Vocational training - Catering' 9 'Other vocational training' 11 'Construction Stone' 12 'Construction - Wood' 13 'Construction - Concrete' 19 'Other construction' 21 'Electricity - Company' 22 'Electricity - Household' 29 'Other electricity' 41 'Electronics - Television' 42 'Electronics - Air conditioning' 43 'Electronics - Radio' 44 'Electronics - Computer' 49 'Other electronics' 51 'Mechanical technology - Welding' 52 'Mechanical technology - Industrial machinery ' 53 'Mechanical technology - Lathe' 59 'Other mechanical technology' 61 'Automotive - Motorbike' 62 'Automotive - Car' 63 'Automotive - Outboard motor' 69 'Other automotive' 71 'Tourism' 81 'Agriculture' 91 'Metal' 92 'English Language' 93 'Mandarin Language' 94 'Japanese' 95 'Other Languages' 99 'Other'

No.	Variable Name	Digit	Variable Labels	Value Labels
19	b5p1e2	2	If b5p1d "Yes" the second main training/course has taken based on priority use	1 'Skill training - Tailoring' 2 'Skill training - Embroidery' 3 'Skill training - Catering' 9 'Other skill training' 11 'Construction Stone' 12 'Construction - Wood' 13 'Construction - Concrete' 19 'Other construction' 21 'Electricity - Company' 22 'Electricity - Household' 29 'Other electricity' 41 'Electronics - Television' 42 'Electronics - Air conditioning' 43 'Electronics - Radio' 44 'Electronics - Computer' 49 'Other electronics' 51 'Mechanical technology - Welding' 52 'Mechanical technology - Industrial machinery ' 53 'Mechanical technology - Lathe' 59 'Other mechanical technology' 61 'Automotive - Motorbike' 62 'Automotive - Car' 63 'Automotive - Outboard motor' 69 'Other automotive' 71 'Tourism' 81 'Agriculture' 91 'Metal' 92 'English Language' 93 'Mandarin Language' 94 'Japanese' 95 'Other Languages' 99 'Other'
20	b5p2a1	1	During the previous week - go to work	1 'Yes' 2 'No'
21	b5p2a2	1	During the previous week - go to school	1 'Yes' 2 'No'
22	b5p2a3	1	During the previous week - do housekeeping	1 'Yes' 2 'No'
23	b5p2a4	1	During the previous week - have other activity excluding personal activity	1 'Yes' 2 'No'
24	b5p2b	1	Of the b5p2a1 to b5p2a4 activities that has answer "yes", which activity was mostly engaged in time during the previous week	1 'Go to work' 2 'Go to school' 3 'Do housekeeping' 4 'Other activity'
25	b5p3	1	Has a job but is temporarily not working during the previous week	1 'Yes' 2 'No'
26	b5p4	1	Is looking for a job	1 'Yes' 2 'No'
27	b5p5	1	Has established a new business/firm during previous week	1 'Yes' 2 'No'
28	b5p6a	1	Total of working days during the previous week	None
29	b5p6b	2	Total number of working hours of all jobs during the previous week	None
30	b5p7	5	Type of main industry during the	On page 23

No.	Variable Name	Digit	Variable Labels	Value Labels
			previous week	
31	klui	1	Indonesian Standard Industrial Classification 1990	1 'Agriculture, plantation, forestry, hunting, and fishery' 2 'Mining and Quarrying' 3 'Industry' 4 'Electricity, Gas and Water Supply' 5 'Construction' 6 'Trade, Restaurant and Accommodation Services' 7 'Transportation, Warehousing, and Communications' 8 'Financial Institutions, Real Estate, Leasing and Company Services' 9 'Community, Social, and Personal Services' 0 'Others'
32	b5p8	4	Type of occupation during the previous week	On page 46
33	kji	1	Indonesian Classification of Occupation 1982	1 'Legislative and senior government officials' 2 'Professionals' 3 'Technicians and assistant of professionals' 4 'Administrative staff' 5 'Business and sales workers' 6 'Workers on agriculture and animal husbandry' 7 'Processing workers, crafters, machinery operators and assemblers, blue-collar workers, cleaners, and related workers' 8 'Others'
34	b5p9	2	Total number of working hours of the main job during the previous week	None
35	b5p10a	1	Status of main employment during the previous week	1 'Self employed' 2 'Self employed assisted by temporary/unpaid worker' 3 'Employer with permanent/paid workers' 4 'Employee' 5 'Casual employee in agriculture' 6 'Casual employee in non-agriculture' 7 'Unpaid worker'
36	b5p10b	1	Number of paid employees/workers	1 '1-4 people' 2 '5-19 people' 3 '>=20 people'
37	b5p11a	8	Net income a month ago from the main job	None
38	b5p11b	2	Number of working days needed for b5p11a	None
39	b5p12a	8	Net income/wage earned in the last one month from the main job - in the form of money/cash	None
40	b5p12b	8	Net income/wage earned in the last one month from the main job - in the form of goods	None
41	b5p13	1	Is there any effort made by the employer/company to improve the skill	1 'Yes' 2 'No'

No.	Variable Name	Digit	Variable Labels	Value Labels
			of the workers?	3 'Don't know'
42	b5p14thn	2	Length of current main job (in years)	None
43	b5p14bln	2	Length of current main job (in months)	None
44	b5p15ap	2	In which province is the location of job during the previous week	On page 18
45	b5p15ak	2	In which district/city is the location of job during the previous week	On page 18
(Derived)	B5p15apk	4	Location of job during the previous week – combined province (b5p15ap) and district/city (b5p15ak)	On page 18
46	b5p15b	1	If the job's location is outside regency of resident's area, does (NAME) commute every day/week/month?	1 'Every day' 2 'Every week' 3 'Every month'
47	b5p15c	3	Distance from home to the location of work	999 'Do not know'
48	b5p15d	1	Travel time from home to the location of work	1 '<=30 minutes' 2 '31-60 minutes' 3 '61-120 minutes' 4 '>120 minutes'
49	b5p15e	1	Kind of transportation used to go and back to/from the location of work	1 'Public transportation' 2 'Shared transportation' 3 'Private transportation' 4 'Without means of transportation '
50	b5p16a	1	The date of start working	1 '31 August 2007 or before' 2 '1 September 2007 or after'
51	b5p16ab	2	'Which month - if the first time work is on 1 September 2007 or after'	1 'January' 2 'February' 3 'March' 4 'April' 5 'May' 6 'June' 7 'July' 8 'August' 9 'September' 10 'October' 11 'November' 12 'December'
52	b5p16at	1	Which year - if the first time work is on 1 September 2007 or after	7 '2007' 8 '2008'
53	b5p16b	2	The length of time to look for a job/establishing a new business/firm	None
54	b5p17	1	Has additional job during the previous week	1 'Yes' 2 'No'
55	b5p18	5	The type of industry of the main additional job	On page 23
56	b5p19	1	The main reason of looking for a job/establish a new business/firm	1 'Completed/not attending school anymore' 2 'Responsible for making a living/supporting for household financing' 3 'Additional income' 4 'Current job unsuitable' 5 'Lay off' 7 'Others'
57	b5p20_1	1	Efforts have been done to get a job/establish a new business/firm - Registering at the Job Market	1 'Yes' 2 'No'

No.	Variable Name	Digit	Variable Labels	Value Labels
58	b5p20_2	1	Efforts have been done to get a job/establish a new business/firm - Applying directly to companies/offices	3 'Yes' 4 'No'
59	b5p20_3	1	Efforts have been done to get a job/establish a new business/firm - Applying through advertisements	1 'Yes' 2 'No'
60	b5p20_4	1	Efforts have been done to get a job/establish a new business/firm - Contact through family/relatives/friends	3 'Yes' 4 'No'
61	b5p20_5	1	Efforts have been done to get a job/establish a new business/firm - Obtaining capital/equipment	1 'Yes' 2 'No'
62	b5p20_6	1	Efforts have been done to get a job/establish a new business/firm - Looking for business/firm location/place	3 'Yes' 4 'No'
63	b5p20_7	1	Efforts have been done to get a job/establish a new business/firm - Applying for permits/business licenses	1 'Yes' 2 'No'
64	b5p20_8	1	Efforts have been done to get a job/establish a new business/firm - others	3 'Yes' 4 'No'
65	b5p21a	2	Number of years for looking for a job/establishing a new business/firm	99 'Not applicable'
66	b5p21b	2	Number of months for looking for a job/establishing a new business/firm	99 'Not applicable'
67	b5p22	1	The job that is looked for/ business/firm that has being established	1 'Full time job' 2 'Part time job'
68	b5p23	1	The main reason for not looking for a job/establishing a new business/firm	1 'Discouraged' 2 'Have a new job but not started yet' 3 'Attending school' 4 'Housekeeping' 5 'Already have a job / business' 6 'Sufficient income' 7 'Unable to do work' 8 'Others'
69	b5p24	1	If there is a job offer, would the respondent accept the offer	1 'Yes' 2 'No'
70	b5p24b	1	Want to work outside Indonesia	1 'Yes' 2 'No'
71	b5p25	1	Has ever had a job/business/firm before	1 'Yes' 2 'No'
72	b5p26	1	If "Yes" for b5p25 - stop working or move into another job after 31 August 2007	1 'Yes' 2 'No'
73	b5p27	1	Reason of stop working /moving into another job after 31 August 2007	1 'Lay off' 2 'Business collapse' 3 'Insufficient income' 4 'Unsuitable on working environment' 5 'Work contract have finished' 5 'Other'
74	b5p28	5	Main industry of previous job before stop working/move out into another job	On page 23
75	b5p29	1	Employment status of the previous job before stopping or moving into a new one	1 'Own account worker' 2 'Employer assisted by temporary/unpaid worker' 3 'Employer assisted by permanent/paid

No.	Variable Name	Digit	Variable Labels	Value Labels
				workers' 4 'Employee' 5 'Casual employee in agriculture' 6 'Casual employee in non-agriculture' 7 'Unpaid worker'
76	weight	4	Weight	None
77	flag	7	None	

4. MISSING DATA

The data set does not include several data from the questionnaire as follow:

1. Block I. Location Identification

1. Sub District
2. Village
3. Census block code
4. Sub-sampled block code
5. ID number of sample code of Sakernas
6. ID number of household samples
7. Name of household head

2. Block II. Numerator Characteristics:

No data from all questions from this block

3. Bloc III. Characteristics of Household Member

Name of household members from column (2) on the questionnaire

There are several cases answered inconsistently with the codes in the questionnaire:

1. Variable b5p10b has answers coded as (4)
2. Variable b5p15ap has a province coded as 96

Additional note:

Note that the scope of respondents answering Questions 24a and 24b differs:

- Variable b5p24a (Question 24a) includes responses from only those who were not looking for work (Question 4: b5p4=2) and had not started a new business (Question 5: b5p5=2)
- Variable b5p24b (Question 25b) includes responses from 523 respondents who had answered that they were either looking for work (Question 4: b5p4=1) or had started a new business (Question 5: b5p5=1). These 523 responses were allowed by machine edit.

5. PROVINCE AND DISTRICT/CITY CODES 2008

Code	Province
11	Nanggroe Aceh Darussalam
12	North Sumatera
13	West Sumatera
14	Riau
15	Jambi
16	South Sumatera
17	Bengkulu
18	Lampung
19	Bangka Belitung
21	Riau Island
31	DKI Jakarta
32	West Java
33	Central Java
34	DI Yogyakarta
35	East Java
36	Banten
51	Bali

Code	Province
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 Irian Jaya
94	Papua

Code	District/City
1101	Simeulue
1102	Aceh Singkil
1103	Aceh Selatan
1104	Aceh Tenggara
1105	Aceh Timur
1106	Aceh Tengah
1107	Aceh Barat
1108	Aceh Besar
1109	Pidie
1110	Bireuen
1111	Aceh Utara
1112	Aceh Barat Daya
1113	Gayo Lues
1114	Aceh Tamiang
1115	Nagan Raya
1116	Aceh Jaya
1117	Bener Meriah
1118	Pidie Jaya
1171	Kota Banda Aceh
1172	Kota Sabang
1173	Kota Langsa
1174	Kota Lhokseumawe
1175	Kota Subulussalam
1201	N i a s
1202	Mandailing Natal
1203	Tapanuli Selatan
1204	Tapanuli Tengah
1205	Tapanuli Utara
1206	Toba Samosir
1207	Labuhan Batu

Code	District/City
1208	Asahan
1209	Simalungun
1210	Dairi
1211	K a r o
1212	Deli Serdang
1213	Langkat
1214	Nias Selatan
1215	Humbang Hasundutan
1216	Pakpak Bharat
1217	Samosir
1218	Serdang Bedagai
1219	Batu Bara
1271	Kota Sibolga
1272	Kota Tanjung Balai
1273	Kota Pematang Siantar
1274	Kota Tebing Tinggi
1275	Kota Medan
1276	Kota Binjai
1277	Kota Padang Sidempuan
1301	Kep. Mentawai
1302	Pesisir Selatan
1303	Solok
1304	Sawahlunto/Sijunjung
1305	Tanah Datar
1306	Padang Pariaman
1307	A g a m
1308	Lima Puluh Koto
1309	Pasaman
1310	Solok Selatan
1311	Dharmasraya

Code	District/City
1312	Pasaman Barat
1371	Kota Padang
1372	Kota Solok
1373	Kota Sawahlunto
1374	Kota Padang Panjang
1375	Kota Bukit Tinggi
1376	Kota Payakumbuh
1377	Kota Pariaman
1401	Kuantan Senggigi
1402	Indragiri Hulu
1403	Indragiri Hilir
1404	Pelalawan
1405	S i a k
1406	Kampar
1407	Rokan Hulu
1408	Bengkalis
1409	Rokan Hilir
1471	Kota Pekanbaru
1473	Kota Dumai
1501	Kerinci
1502	Merangin
1503	Sarolangun
1504	Batang Hari
1505	Muaro Jambi
1506	Tjg Jabung Timur
1507	Tjg Jabung Barat
1508	T e b o
1509	Bungo
1571	Kota Jambi
1601	Ogan Komering Ulu
1602	Ogan Komering Ilir
1603	Muara Enim
1604	Lahat
1605	Musi Rawas
1606	Musi Banyuasin
1607	Banyuasin
1608	OKU Selatan
1609	OKU Timur
1610	Ogan Ilir
1611	Empat Lawang
1671	Kota Palembang
1672	Kota Prabumulih
1673	Kota Pagar Alam
1674	Kota Lubuk Linggau
1701	Bengkulu Selatan
1702	Rejang Lebong
1703	Bengkulu Utara
1704	K a u r
1705	Seluma
1706	Muko Muko

Code	District/City
1707	Lebong
1708	Kepahiang
1771	Kota Bengkulu
1801	Lampung Barat
1802	Tanggamus
1803	Lampung Selatan
1804	Lampung Timur
1805	Lampung Tengah
1806	Lampung Utara
1807	Way Kanan
1808	Tulang Bawang
1871	Kota Bandar Lampung
1872	Kota Metro
1901	Bangka
1902	Belitung
1903	Bangka Barat
1904	Bangka Tengah
1905	Bangka Selatan
1906	Belitung Timur
1971	Kota Pangkal Pinang
2101	Karimun
2102	Bintan
2103	Natuna
2104	Lingga
2171	Kota Batam
2172	Kota Tanjung Pinang
3101	Kepulauan Seribu
3171	Kota Jakarta Selatan
3172	Kota Jakarta Timur
3173	Kota Jakarta Pusat
3174	Kota Jakarta Barat
3175	Kota Jakarta Utara
3201	Bogor
3202	Sukabumi
3203	Cianjur
3204	Bandung
3205	Garut
3206	Tasikmalaya
3207	Ciamis
3208	Kuningan
3209	Cirebon
3210	Majalengka
3211	Sumedang
3212	Indramayu
3213	Subang
3214	Purwakarta
3215	Karawang
3216	Bekasi
3217	Bandung Barat

Code	District/City
3271	Kota Bogor
3272	Kota Sukabumi
3273	Kota Bandung
3274	Kota Cirebon
3275	Kota Bekasi
3276	Kota Depok
3277	Kota Cimahi
3278	Kota Tasikmalaya
3279	Kota Banjar
3301	Cilacap
3302	Banyumas
3303	Purbalingga
3304	Banjarnegara
3305	Kebumen
3306	Purworejo
3307	Wonosobo
3308	Magelang
3309	Boyolali
3310	Klaten
3311	Sukoharjo
3312	Wonogiri
3313	Karanganyar
3314	Sragen
3315	Grobogan
3316	Blora
3317	Rembang
3318	P a t i
3319	Kudus
3320	Jepara
3321	Demak
3322	Semarang
3323	Temanggung
3324	Kendal
3325	Batang
3326	Pekalongan
3327	Pemalang
3328	Tegal
3329	Brebes
3371	Kota Magelang
3372	Kota Surakarta
3373	Kota Salatiga
3374	Kota Semarang
3375	Kota Pekalongan
3376	Kota Tegal
3401	Kulon Progo
3402	Bantul
3403	Gunung Kidul
3404	Sleman
3471	Kota Yogyakarta
3501	Pacitan
3502	Ponorogo

Code	District/City
3504	Tulungagung
3505	Blitar
3506	Kediri
3507	Malang
3508	Lumajang
3509	Jember
3510	Banyuwangi
3511	Bondowoso
3512	Situbondo
3513	Probolinggo
3514	Pasuruan
3515	Sidoarjo
3516	Mojokerto
3517	Jombang
3518	Nganjuk
3519	Madiun
3520	Magetan
3521	Ngawi
3522	Bojonegoro
3523	Tuban
3524	Lamongan
3525	Gresik
3526	Bangkalan
3527	Sampang
3528	Pamekasan
3529	Sumenep
3571	Kota Kediri
3572	Kota Blitar
3573	Kota Malang
3574	Kota Probolinggo
3575	Kota Pasuruan
3576	Kota Mojokerto
3577	Kota Madiun
3578	Kota Surabaya
3579	Kota Batu
3601	Pandeglang
3602	Lebak
3603	Tangerang
3604	Serang
3671	Tangerang
3672	Cilegon
5101	Jembrana
5102	Tabanan
5103	Badung
5104	Gianyar
5105	Klungkung
5106	Bangli
5107	Karang Asem
5108	Buleleng
5171	Kota Denpasar
5201	Lombok Barat

3503	Trenggalek
------	------------

--	--

Code	District/City
5202	Lombok Tengah
5203	Lombok Timur
5204	Sumbawa
5205	Dompu
5206	B i m a
5207	Sumbawa Barat
5271	Kota Mataram
5272	Kota Bima
5301	Sumba Barat
5302	Sumba Timur
5303	Kupang
5304	Timor Tengah Selatan
5305	Timor Tengah Utara
5306	B e l u
5307	A l o r
5308	Lembata
5309	Flores Timur
5310	Sikka
5311	E n d e
5312	Ngada
5313	Manggarai
5314	Rote Ndao
5315	Manggarai Barat
5316	Sumba Barat Daya
5317	Sumba Tengah
5318	Nagekeo
5371	Kota Kupang
6101	Sambas
6102	Bengkayang
6103	Landak
6104	Pontianak
6105	Sanggau
6106	Ketapang
6107	Sintang
6108	Kapuas Hulu
6109	Sekadau
6110	Melawi
6111	Kayong Utara
6171	Kota Pontianak
6172	Kota Singkawang
6201	Kotawaringin Barat
6202	Kotawaringin Timur
6203	Kapuas
6204	Barito Selatan
6205	Barito Utara
6206	Sukamara
6207	Lamandau
6208	Seruyan
6209	Katingan
6210	Pulang Pisau

Code	District/City
6211	Gunung Mas
6212	Barito Timur
6213	Murung Raya
6271	Kota Palangka Raya
6301	Tanah Laut
6302	Kota Baru
6303	Banjar
6304	Barito Kuala
6305	Tapin
6306	Hulu Sungai Selatan
6307	Hulu Sungai Tengah
6308	Hulu Sungai Utara
6309	Tabalong
6310	Tanah Bumbu
6311	Balangan
6371	Kota Banjarmasin
6372	Kota Banjar Baru
6401	Pasir
6402	Kutai Barat
6403	Kutai
6404	Kutai Timur
6405	Berau
6406	Malinau
6407	Bulungan
6408	Nunukan
6409	Penajam Paser Utr
6471	Kota Balikpapan
6472	Kota Samarinda
6473	Kota Tarakan
6474	Kota Bontang
7101	Bolaang Mongondow
7102	Minahasa
7103	Kep. Sangihe Talaud
7104	Kep. Talaud
7105	Minahasa Selatan
7106	Minahasa Utara
7107	Bolaang Mongondow Utara
7108	Kep. Sitaro
7109	Minahasa Tenggara
7171	Kota Manado
7172	Kota Bitung
7173	Kota Tomohon
7174	Kota Kotamobagu
7173	Kota Tomohon
7174	Kota Kotamobagu
7201	Banggai Kepulauan
7202	Banggai
7203	Morowali
7204	P o s o
7205	Donggala
7206	Toli Toli

Code	District/City
7207	B u o l
7208	Parigi Moutong
7209	Tojo Una-Una
7271	Kota Palu
7301	Selayar
7302	Bulukumba
7303	Bantaeng
7304	Jeneponto
7305	Takalar
7306	G o w a
7307	Sinjai
7308	Maros
7309	Pangkajene Kep.
7310	Barru
7311	B o n e
7312	Soppeng
7313	W a j o
7314	Sidenreng Rappang
7315	Pinrang
7316	Enrekang
7317	L u w u
7318	Tana Toraja
7322	Luwu Utara
7325	Luwu Timur
7371	Kota Makassar
7372	Kota Pare Pare
7373	Kota Palopo
7401	Buton
7402	M u n a
7403	Kendari
7404	Kolaka
7405	Konawe Selatan
7406	Bombana
7407	Wakatobi
7408	Kolaka Utara
7409	Buton Utara
7410	Konawe Utara
7471	Kota Kendari
7472	Kota Baubau
7501	Boalemo
7502	Gorontalo
7503	Pohuwato
7504	Bone Bolango
7505	Gorontalo Utara
7571	Kota Gorontalo
7601	Majene
7602	Polewali Mamasa
7603	Mamasa
7604	Mamuju
7605	Mamuju Utara
8101	Maluku Tenggara Barat
8102	Maluku Tenggara

Code	District/City
8103	Maluku Tengah
8104	B u r u
8105	Kepulauan Aru
8106	Seram Bagian Barat
8107	Seram Bagian Timur
8171	Kota Ambon
8201	Halmahera Barat
8202	Halmahera Tengah
8203	Kepulauan Sula
8204	Halmahera Selatan
8205	Halmahera Utara
8206	Halmahera Timur
8271	Kota Ternate
8272	Kota Tidore Kepulauan
9101	Fakfak
9102	Kaimana
9103	Teluk Wondama
9104	Teluk Bintuni
9105	Manokwari
9106	Sorong Selatan
9107	Sorong
9108	Raja Ampat
9171	Kota Sorong
9401	Merauke
9402	Jayawijaya
9403	Jayapura
9404	Nabire
9408	Yapen Waropen
9409	Biak Numfor
9410	Paniai
9411	Puncak Jaya
9412	Mimika
9413	Boven Digoel
9414	Mappi
9415	Asmat
9416	Yahukimo
9417	Peg. Bintang
9418	Tolikara
9419	Sarmi
9420	Keerom
9426	Waropen
9427	Supiori
9428	Mamberamo Raya
9471	Kota Jayapura

6. INDONESIAN INDUSTRIAL CLASSIFICATION STANDARD 2005

CODE	INDUSTRIAL CLASSIFICATION
A.	Agriculture, Hunting and Forestry
01111	Growing of rice
01112	Growing of cereals (except rice)
01113	Growing of sugarcane and other sweetener crops
01114	Growing of tobacco
01115	Growing of rubber tree and other plants producing sap
01116	Growing of textile raw material crops
01117	Growing of drug and pharmaceutical crops
01118	Growing of aromatic crops
01119	Growing other crops not elsewhere classified
01121	Growing of vegetables harvested once
01122	Growing of vegetables harvested more than once
01123	Growing of flowers
01124	Growing other ornamental plants
01125	Nursery of vegetables and flowers
01131	Growing of seasonal fruits
01132	Growing of non-seasonal fruits
01133	Growing of coconut
01134	Growing of oil palm
01135	Growing of beverage crops
01136	Growing of cashew
01137	Growing of pepper
01138	Growing of clove
01139	Growing of other spices
01211	Breeding and raising of beef cows
01212	Breeding and raising of dairy cows
01213	Breeding and raising of beef buffalos
01214	Breeding and raising of dairy buffalos
01215	Breeding and raising of horses
01216	Breeding and raising of goat
01217	Breeding and raising of dairy goats
01218	Breeding and raising of sheep
01221	Breeding and raising of pigs
01222	Breeding and raising of broilers
01223	Breeding and raising of non-broiler chicken
01224	Breeding and raising of ducks
01225	Breeding and raising of Quail
01226	Breeding and raising of Pigeons
01227	Breeding and raising of ostrich
01228	Breeding and raising of other livestock
01229	Breeding and raising of other poultries
01300	Mixed farming
01401	Land processing services
01402	Fertilizing, seed processing, and pest controlling services
01403	Harvesting and post-harvesting services
01404	Other agricultural services
01405	Livestock health services
01406	Livestock breeding services
01407	Egg hatching services
01408	Other livestock services

CODE	INDUSTRIAL CLASSIFICATION
01501	Hunting / trapping of wildlife
01502	Breeding of wildlife
02011	Teakwood forest cultivation
02012	Pine forest cultivation
02013	Mahogany forest cultivation
02014	Rosewood (sonokeling) forest cultivation
02015	Albasia/Jeunjing forest cultivation
02016	Sandalwood forest cultivation
02017	Acacia forest cultivation
02018	Eucalyptus forest cultivation
02019	Other forest cultivation
02020	Natural forest cultivation
02031	Rattan cultivation
02032	Sap pine cultivation
02033	Kayu putih leaf (<i>Melaleuca leucadendron</i>) cultivation
02034	Cocoon / Cocoon Silkworm cultivation
02035	Resin cultivation
02039	Forest cultivation other than wood
02041	Forestry services - inventory and land use
02042	Forestry services - forest protection and nature conservation
02043	Forestry services - reforestation and rehabilitation
02049	Forestry services - others
02051	Gathering of wood forest product
02052	Gathering of non-wood forest product
02059	Other forestry business
B	Fishing
05011	Marine fishing
05012	<i>Crustacea</i> fishing
05013	Mollusc fishing
05014	Sea plant picking/catching
05015	Sea germ picking/catching
05021	Marine biota cultivation
05022	Breeding freshwater (perairan umum) biota
05031	Fishing in freshwater (perairan umum)
05032	Trapping of <i>crustacea</i> , <i>mollusca</i> , and other biota in freshwater
05041	Freshwater biota cultivation
05042	Brackish water biota cultivation
05043	Breeding freshwater biota
05044	Breeding brackish water biota
05051	Marine fishing production facility services
05052	Marine fishing production services
05053	Post-harvesting services of marine fishing
05054	Inland fishing production facility services
05055	Inland fishing production services
05056	Post-harvesting services of inland fishing
C	Mining and Quarrying
10101	Mining of coal and peat extraction
10102	Coal gasification in mining location
10200	Briquette production
11101	Mining of oil and natural gas
11102	Exploitation of natural thermal power
11200	Oil and natural gas services

CODE	INDUSTRIAL CLASSIFICATION
12000	Mining of uranium and thorium
13101	Mining of iron sand
13102	Mining of iron ores
13201	Mining of tin ores
13202	Mining of bauxite ores
13203	Mining of copper ores
13204	Mining of nickel ores
13205	Mining of manganese ores
13206	Mining of gold and silver
13207	Mining of lead ores
13209	Mining of other material containing no iron ores
14101	Quarrying of ornamental and construction stones
14102	Quarrying of stone for Industrial materials
14103	Quarrying of soil and clay
14104	Quarrying of gypsum
14105	Quarrying of sand,
14211	Quarrying of gravel
14212	Mining of sulphur
14213	Mining of phosphate
14214	Mining of nitrate
14215	Mining of iodine
14219	Mining of potash or carbonate potassium
14217	Mining of other chemical and fertilizer materials
14220	Extraction of salt
14291	Mining of natural asphalt
14292	Quarrying of asbestos
14299	Other mining and quarrying
D	Manufacturing Industry
15111	Slaughtering industry
15112	Processing and preserving of meat
15121	Processing and preserving of fish and other aquatic biota
15122	Salting / drying of fish and other aquatic biota
15123	Manufacture of smoked fish and other aquatic biota
15124	Manufacture of frozen fish and other aquatic biota
15125	Manufacture of preserved fish (pemindangan) and other aquatic biota
15129	Manufacturing of other processing and preserving of fish and other aquatic biota
15131	Manufacture of canned fruits and vegetables
15132	Manufacture of salty/sweetened fruits and vegetables
15133	Manufacture of creamed fruits and vegetables
15134	Manufacture of dried fruit and vegetables
15139	Manufacturing of other processing and preserving of fruit and vegetables
15141	Manufacture of cooking oil from vegetable and animal
15142	Manufacture of margarine
15143	Manufacture of coconut cooking oil
15144	Manufacture of palm cooking oil
15145	Manufacture of other cooking oil from vegetable and animal
15149	Manufacture of other cooking oil and fats from vegetable and animal
15201	Manufacture of milk
15202	Manufacture of dairy product
15203	Manufacture of ice cream
15311	Manufacture of milling and sorting of rice
15312	Manufacture of milling and sorting of other cereals

CODE	INDUSTRIAL CLASSIFICATION
15313	Manufacture of stripping, cleaning, and sorting of coffee
15314	Manufacture of stripping, cleaning, and drying of coffee
15315	Manufacture of peeling, cleaning, and drying other than coffee and cacao
15316	Manufacture of peeling and cleaning of nuts
15317	Manufacture of peeling and cleaning of tubers (including rhizomes)
15318	manufacture of copra
15321	Manufacture of wheat flour
15322	Manufacture of flour from cereals, grains, nuts, tubers and the like
15323	Manufacture of cassava starch
15324	Manufacture of various palm starch
15329	Manufacture of other kind of starch
15331	Manufacture of livestock/fish feed
15332	Manufacture of livestock feed concentrates
15410	Manufacture of bakery product
15421	Manufacture of sugar
15422	Manufacture of brown sugar
15423	Manufacture of other kinds of sugar
15424	Manufacture of syrup
15429	Manufacture of processing of other sugar Industry except syrup
15431	Manufacture of cocoa powder
15432	Manufacture of food from cocoa and candies
15440	Manufacture of macaroni, noodles, spaghetti, vermicelli and the like
15491	Manufacture of tea and coffee
15492	Manufacture of ice
15493	Manufacture of soy sauce
15494	Manufacture of tempeh and tofu
15495	Manufacture of other food from soy and nuts except soy sauce, tempeh and tofu
15496	Manufacture of crackers, chips, and the like
15497	Manufacture of seasoning
15498	Manufacture of cakes
15499	Manufacture of food not elsewhere classified
15510	Manufacture of liquor
15520	Manufacture of wine and the like
15530	Manufacture of malt and beverages containing malt
15541	Manufacture of soft drink
15542	Manufacture of bottled water
16001	Manufacture or drying and processing of tobacco
16002	Manufacture of clove cigarette
16003	Manufacture of cigarette
16004	Manufacture of other cigarette
16009	Manufacture of cigarette spice and other ingredients
17111	Preparation of textile fibre Industry
17112	Spinning of yarn Industry
17113	Spinning of sewing yarn Industry
17114	Weaving of textile (except weaving of gunny and other kind of sacks)
17115	Ikat woven industry
17121	Finishing of yarn industry
17122	Finishing of textiles industry
17123	Printing of textiles industry
17124	Manufacture of Batik
17211	Manufacture of end product of textile for household purposes
17212	Manufacture of end product of textile for health purposes

CODE	INDUSTRIAL CLASSIFICATION
17213	Manufacture of other end product of textile
17214	Manufacture of gunny
17215	Manufacture of other kind of sacks
17220	Manufacture of carpets
17231	Manufacture of ropes
17232	Manufacture of goods from ropes
17291	Manufacture of narrow fabric
17292	Manufacture of textile for industrial needs
17293	Manufacture of embroidery
17294	Manufacture of non-woven textile
17295	Manufacture of textile for tires
17299	Manufacture of textile not elsewhere classified
17301	Manufacture of crocheted fabrics
17302	Manufacture of crocheted clothes
17303	Manufacture of crocheted socks
17304	Manufacture of other crocheted products
17400	Manufacture of kapok/cotton
18101	Manufacture of wearing apparel and the accessories
18102	Manufacture of leather apparel and the accessories
18201	Manufacture of fur
18202	Manufacture of fur apparel and the accessories
18203	Dyeing of fur
19111	Preservation of leather
19112	Tanning of leather
19113	Manufacture of artificial leather
19121	Manufacture of leather and artificial leather goods for personal purposes
19122	Manufacture of leather and artificial leather goods for industry purposes
19123	Manufacture of leather and artificial leather goods for animal uses
19129	Manufacture of leather and artificial leather goods for other purposes
19201	Manufacture of footwear for daily uses
19202	Manufacture of sport shoes
19203	Manufacture of shoes for field/industry purposes
19209	Manufacture of other footwear
20101	Sawmilling of wood
20102	Preservation of wood
20103	Preservation of rattan, bamboo, and the like
20104	Processing of rattan
20211	Manufacture of plywood
20212	Manufacture of laminated plywood including decorative plywood
20213	Manufacture of other wood-based panel
20214	Manufacture of veneer
20220	Moulding and building construction components
20230	Manufacture of wooden containers, except coffins
20291	Manufacture of rattan and bamboo based wickers
20292	Manufacture of wickers other than rattan and bamboo-based
20293	Manufacture of wooden carved handicraft, except furniture
20294	Manufacture of kitchen utensils from wood, rattan and bamboo
20299	Manufacture of goods from wood, rattan, and bamboo not elsewhere classified
21011	Manufacture of pulp
21012	Manufacture of cultural paper (kertas budaya)
21013	Manufacture of valuable paper
21014	Manufacture of paper for special purpose

CODE	INDUSTRIAL CLASSIFICATION
21015	Manufacture of paper for industry
21016	Manufacture of tissue
21019	Manufacture of other kind of paper
21020	Packaging and manufacture of paper-based boxes and paperboard
21090	Manufacture of other articles of paper and paperboard not elsewhere classified
22110	Publication of books, brochures, music books, and the like
22120	Publication of newspapers, journals, tabloid, and magazines
22130	Publication of media recording
22140	Special publication
22190	Other publication
22210	Printing
22220	Service activities related to printing
22301	Reproduction of recorded media
22302	Reproduction of film and video
23100	Manufacture of coal product
23201	Purification and refinement of crude petroleum
23202	Purification and processing of natural gas
23203	Manufacture of petroleum product
23204	Manufacture of lubricant oil
23205	Processing of used lubricant oil
23300	Nuclear fuel processing
24111	Manufacture of basic inorganic chemical - chlorine and alkaline
24112	Manufacture of basic inorganic chemical - industrial gas
24113	Manufacture of basic inorganic chemical - pigment
24114	Manufacture of other basic inorganic chemicals
24115	Manufacture of basic organic chemical from agricultural products
24116	Manufacture of basic organic chemical - raw material for dye and pigments
24117	Manufacture of basic organic chemical sourced from petroleum, natural gas and coal
24118	Manufacture of basic organic chemical producing special chemicals
24119	Manufacture of other basic organic chemicals
24121	Manufacture of natural fertilizers / non-synthetic primary macro nutrient
24122	Manufacture of single primary macro nutrient artificial fertilizers
24123	Manufacture of compounded primary macro nutrient artificial fertilizers
24124	Manufacture of mixed primary macro nutrient fertilizers
24125	Manufacture of secondary macro nutrient fertilizers
24126	Manufacture of micro nutrient fertilizers
24127	Manufacture of complementary fertilizers
24129	Manufacture of other fertilizers
24131	Manufacture of synthetic resins and plastic raw materials
24132	Manufacture of artificial rubbers
24211	Manufacture of raw material of pesticides
24212	Manufacture of pesticides
24213	Manufacture of growth substances
24214	Manufacture of ameliorant materials
24221	Manufacture of paint
24222	Manufacture of varnish
24223	Manufacture of sealing wax (lak)
24231	Manufacture of pharmaceutical ingredients
24232	Pharmaceutical industry
24233	Manufacture of herb (jamu) ingredient
24234	Manufacture of herbal medicine
24235	Manufacture of beverages

CODE	INDUSTRIAL CLASSIFICATION
24241	Manufacture of soaps and household cleanser, including toothpaste
24242	Manufacture of cosmetic and cosmetic ingredients
24291	Manufacture of adhesives / glue
24292	Manufacture of explosives
24293	Manufacture of ink
24294	Manufacture of essential oil
24295	Manufacture of matches
24299	Manufacture of other chemical products
24301	Manufacture of fibre / man-made filament yarn
24302	Manufacture of man-made staple fibres
25111	Manufacture of tire (internal and external)
25112	Tyre retreading
25121	Smoking of rubber
25122	Re-milling of rubber
25123	Manufacture of crumb rubber
25191	Manufacture of rubber-based product for household appliances
25192	Manufacture of rubber-based product for industrial equipment
25199	Manufacture of rubber-based product not included in 25191 & 25192
25201	Manufacture of plastic-based pipe and hose
25202	Manufacture of plastic sheet product
25203	Manufacture of plastic-based recording media
25204	Manufacture of plastic-based household utilities except furniture
25205	Manufacture of plastic-based packaging
25206	Manufacture of plastic-based engineering/industrial equipment
25209	Manufacture of other plastic-based products
26111	Manufacture of sheet glass
26112	Manufacture of safety glass
26119	Manufacture of other glass products
26121	Manufacture of glass-based household appliance and equipment
26122	Manufacture of glass-based laboratory-, pharmaceutical-, and health equipment
26123	Manufacture of glass-based products for cover
26124	Manufacture of glass-based containers
26129	Manufacture of other glass-based household appliances
26201	Manufacture of household appliance from porcelain
26202	Manufacture of construction materials from porcelain
26203	Manufacture of laboratory and electrical equipment from porcelain
26209	Manufacture of other products from porcelain
26311	Manufacture of fire resistant brick and the like
26319	Manufacture of other fire resistant goods from clay/ceramics
26321	Manufacture of household appliances from clay/ceramics
26322	Manufacture of bricks from clay/ceramics
26323	Manufacture of tile from clay/ceramics
26324	Manufacture of construction materials from clay/ceramics except brick and tile
26329	Manufacture of other product from clay/ceramics
26411	Manufacture of cement
26412	Manufacture of stone lime
26413	Manufacture of gypsum
26421	Manufacture of cement products
26422	Manufacture of stone lime products
26423	Manufacture of cement and stone lime products for construction
26429	Manufacture of other cement and stone lime products
26501	Manufacture of goods from marble and granite for household and display purpose

CODE	INDUSTRIAL CLASSIFICATION
26502	Manufacture of goods from marble and granite for construction
26503	Manufacture of goods from stone for household and display purposes
26509	Manufacture of other goods from marble, granite and stone
26601	Manufacture of goods from asbestos for building material
26602	Manufacture of goods from asbestos for industry purposes
26609	Manufacture of other goods from asbestos
26900	Manufacture of other non-metal quarrying goods
27101	Iron And Steel Making
27102	Steel Rolling
27103	Manufacture of pipe and pipe connection of iron and steel
27201	No-iron metal making
27202	No-iron metal rolling
27203	Non-iron metal extrusion
27204	Manufacture of pipe and pipe connection of non-iron and non-steel metal
27310	Iron and steel casting
27320	Non-iron and non-steel metal casting
28111	Manufacture of non-aluminium-based ready to install building materials
28112	Manufacture of aluminium-based ready to install building materials
28113	Manufacture of steel-based ready to install heavy construction
28119	Manufacture of other metal goods ready to install to construction
28120	Manufacture of tanks, liquid disposal units, and metal containers
28910	Metal forging, pressing, and scrolling
28920	Industrial services for special works related to metal and non-metal goods
28931	Manufacture of metal agricultural equipment
28932	Manufacture of metal carpentry tools
28933	Manufacture of cutters and other tools for household usage
28939	Manufacture of other metal tools
28991	Manufacture of other metal kitchen utensils
28992	Manufacture of other metal office machinery excluding furniture
28993	Manufacture of nails, nuts and bolts
28994	Manufacture of various metal containers
28995	Manufacture of metal wire and goods made of wire
28996	Profile making industry
28997	Manufacture of metal lamps
28998	Manufacture of other metal household goods
28999	Manufacture of other metal goods not elsewhere classified
29111	Manufacture of steam engines, turbines and wheels
29112	Manufacture of internal combustion motor
29113	Manufacture of components and spare parts of motor mover
29114	Industrial support services for motor mover
29120	Manufacture of pump and compressor
29130	Manufacture of mechanic transmission except motor vehicles
29141	Manufacture of electric furnace and heating equipment (not for household)
29142	Manufacture of electric furnace, oven, and heating equipment
29150	Manufacture of lifting and material handling equipment
29191	Manufacture of packaging, bottling, and canning machinery
29192	Manufacture of weighing machinery
29193	Manufacture of cooling machinery not for household usage
29199	Manufacture of other general machinery
29211	Manufacture of agricultural and forestry machinery
29212	Agricultural and forestry support services
29221	Manufacture of metalworking machinery/equipment

CODE	INDUSTRIAL CLASSIFICATION
29222	Manufacture of woodworking machinery/equipment
29223	Manufacture of non-metalworking and non-woodworking machinery / equipment
29224	Manufacture of electric welding machinery / equipment
29230	Manufacture of metallurgy machinery
29240	Manufacture of mining, quarrying and construction machinery
29250	Manufacture of food processing, beverage and tobacco machinery
29261	Manufacture of sewing machine cabinet
29262	Manufacture of sewing, washing, and drying machine for commercial purposes
29263	Manufacture of textile working machinery
29264	Manufacture of sewing and knitting needle machinery
29270	Manufacture of weapons and ammunition
29291	Manufacture of printing machinery
29292	Manufacture of paper factory machinery
29299	Manufacture of other special industry machinery
29301	Manufacture of non-electric stoves, heating Equipment, and room heating equipment
29302	Manufacture of household electric appliances
29309	Manufacture of other electric equipment for household purpose
30001	Manufacture of manual office and accounting machinery
30002	Manufacture of electric office and accounting machinery
30003	Manufacture of electronic office, computing, and accounting machinery
30004	Manufacture of copy machine
31101	Manufacture of electric motor
31102	Manufacture of power machine
31103	Manufacture of transformer, rectifier, and voltage stabilizer
31201	Manufacture of electric panel and switch gear
31202	Manufacture of electric flow controller
31300	Manufacture of electricity and telephone cable
31401	Manufacture of dry cell battery
31402	Manufacture of electric accumulator
31501	Manufacture of bulbs, spotlights, and ultra violet lights
31502	Manufacture of gas tube lamp
31509	Manufacture of electric lamp components
31900	Manufacture of other electrical appliances not elsewhere classified
32100	Manufacture of electronic valves and tubes and other electronic components
32200	Manufacture of communication transmission equipment
32300	Radio, television, video and audio recording equipment and the like
33111	Manufacture of surgery, health treatment, and dentistry equipment
33112	Manufacture of X-ray equipment, the supplies and the like
33113	Manufacture of medical, dentistry, prosthetic and orthopaedic equipment
33119	Manufacture of other medical and orthopaedic equipment
33121	Manufacture of manual measurement, controller, and testing equipment
33122	Manufacture of electrical measurement, controller, and testing equipment
33123	Manufacture of electronic measurement, controller, and testing equipment
33130	Manufacture of testing equipment for industrial process
33201	Manufacture of eye glasses
33202	Manufacture of binoculars and optics
33203	Manufacture of photography camera
33204	Manufacture of cinematography projector camera and the supplies
33300	Manufacture of watches, bell, and the like
34100	Manufacture of four or more wheels motor vehicles
34200	Four or more wheels motor vehicle assembly
34300	Manufacture of supplies and component of four or more wheels motor vehicles

CODE	INDUSTRIAL CLASSIFICATION
35111	Manufacture of ship / boat
35112	Manufacture of ship equipment and supplies
35113	Ship repairs
35114	Ship breaking
35115	Offshore construction industry
35120	Manufacture and maintenance of cruises, recreation and sport boats
35201	Manufacture of trains, spare parts and the supplies
35202	Railway industry support services
35301	Manufacture of aircraft and the supplies
35302	Aircraft repairs and maintenance services
35911	Manufacture of two or three wheels motor vehicles
35912	Manufacture of supplies and component of two or three wheels motor vehicles
35921	Manufacture of bicycles and rickshaws
35922	Manufacture of supplies for bicycles and rickshaws
35990	Manufacture of other transportation not elsewhere classified
36101	Manufacture of wooden furniture
36102	Manufacture of rattan and/or bamboo furniture
36103	Manufacture of plastic furniture
36104	Manufacture of metal furniture
36100	Manufacture of furniture not classified from 36101 to 36104
36911	Manufacture of jewel
36912	Manufacture of precious jewellery for personal purposes made of gems
36913	Manufacture of precious jewellery made of gems not for personal purposes
36914	Manufacture of goods for technical or laboratory purposes made of gems
36915	Manufacture of jewellery for personal purposes not made of gems
36921	Manufacture of traditional music instrument
36922	Manufacture of non-traditional music instrument
36930	Manufacture of sport equipment
36941	Manufacture of gaming equipment
36942	Manufacture of toys
36991	Manufacture of stationery, drawing tools and the supplies
36992	Manufacture of ribbon for typewriter and drawing machine
36993	Manufacture of craft not elsewhere classified
36999	Manufacture of other processing activities not elsewhere classified
37100	Metal goods recycling
37200	Non-metal goods recycling
E	Electricity, Gas, and Water Supply
40101	Electricity generation
40102	Electricity power transmission
40103	Electricity distribution
40104	Electricity supply support services
40201	Gas provision
40202	Gas distribution
40300	Steam and hot water supply
41001	Water supply, purification, and distribution
41002	Clean water supply and distribution
41003	Water supply and distribution support services
F	Construction
45100	Site preparation
45211	Residential building construction
45212	Office construction
45213	Industrial building construction

CODE	INDUSTRIAL CLASSIFICATION
45214	Shopping building construction
45215	Health-related building construction
45216	Education building construction
45217	Hotel, hostels, and the like building construction
45218	Recreational building construction
45219	Other building construction
45221	Road, bridge and platform construction
45222	Road and railway construction
45223	Tunnel construction
45224	Irrigation construction
45225	Building construction for processing, distribution, and storing of water supply
45226	Building construction for processing and storing of oil and gas
45227	Pier construction
45229	Other civil construction
45231	Electrical construction
45232	Marine navigation and river sign construction
45233	Air navigation communication construction
45234	Railway signal and telecommunication construction
45235	Central telecommunications construction
45239	Other electrical and telecommunications construction
45241	Foundation and pillar installation
45242	Drilling of water well
45243	Installation of scaffolding
45244	Installation of roof (roof covering)
45245	Installation of prefab construction and steel frame
45246	Dredging
45249	Other special construction
45311	Installation of plumbing
45312	Electrical installation
45313	Telecommunications installation
45314	Gas installation
45315	Electronics installation
45316	Mechanical installation
45317	Air conditioning installation
45319	Other building Installation
45321	Electrical installation of civil construction
45322	Installation of marine and river navigation
45323	Installation of meteorology and geophysics
45324	Installation of air navigation
45325	Installation of railway signal and telecommunications
45326	Installation of highway signs
45327	Telecommunications installation
45328	Pipe network installation
45329	Installation of other civil construction
45401	Installation of glass and aluminium
45402	Installation of floors, walls, ceilings and sanitary equipment
45403	Painting
45404	Interior decoration
45405	Exterior decoration
45409	Building completion and finishing
45500	Renting of construction equipment or wrecker and destroyer equipment
G	Wholesale and retail trade

CODE	INDUSTRIAL CLASSIFICATION
50101	Wholesale of cars
50102	Retail of cars
50201	Wholesale of car spare part and accessories
50202	Retail of car spare part and accessories
50301	Wholesale of motorcycle spare part and accessories
50302	Retail of motorcycle spare part and accessories
50400	Retail of automotive fuel at gas station
51100	Wholesale on a fee or contract basis
51211	Wholesale of agricultural products
51212	Wholesale of live animals
51213	Wholesale of fishery product
51214	Wholesale of forestry and hunting products
51220	Wholesale of food, beverages and tobacco
51310	Wholesale of textile, clothing and leather
51391	Wholesale of household equipment and appliances
51392	Whole sale of chemical and pharmaceutical goods for household purposes
51399	Wholesale of other household goods
51410	wholesale of liquid and solid gas and the like
51420	wholesale of metals and metal ores
51431	wholesale of metal goods for construction materials
51432	wholesale of glass for construction materials
51433	wholesale of tiles, bricks, tiles, and the like from clay, limestone, cement, or glasses
51434	wholesale of cement, limestone, sand and Stone
51435	wholesale of porcelain-based construction materials
51436	wholesale of wooden construction materials
51437	Wholesale of paint
51438	wholesale of miscellaneous construction materials
51439	wholesale of other construction materials
51490	wholesale of intermediate products, used goods and scrap
51501	wholesale of Machinery, spare parts and supplies
51502	wholesale of sea transportation equipment, spare parts and supplies
51503	wholesale of road transportation equipment (except for cars, motorcycles, and the like), spare parts and supplies
51504	wholesale of air transportation equipment, spare parts and supplies
51900	Other wholesales
52111	Retail sale of different kind of goods particularly food, beverages and tobacco in supermarket / minimarket
52112	Retail sale of different kind of goods particularly food, beverages and tobacco other than in supermarket / minimarket (traditional market)
52191	Retail sale of different kind of goods particularly non- food, beverages and tobacco in department store
52192	Retail sale of different kind of goods particularly non- food, beverages and tobacco other than in department store
52211	Retail sale of paddy and crops
52212	Retail sale of fruits
52213	Retail sale of vegetables
52214	Retail sale of livestock products
52215	Retail sale of fishery products
52219	Retail sale of other agricultural products
52221	Retail sale of rice
52222	Retail sale of bakery, cookies, cakes and the like
52223	Retail sale of coffee, white sugar or brown sugar

CODE	INDUSTRIAL CLASSIFICATION
52224	Retail sale of tofu, tempeh, and fermented soybean
52225	Retail sale of meat and processed water biota products
52226	Retail of beverage
52227	Retail sale of cigarette and tobacco
52228	Retail sale of livestock / poultry / fish feed
52229	Retail sale of other food
52311	Retail sale of Chemical
52312	Retail sale of pharmacy at pharmacies
52313	Retail sale of pharmacy not at pharmacies
52314	Retail sale of herbs
52315	Retail sale of cosmetics
52316	Retail sale of fertilizer and pest control
52317	Retail sale of laboratory, pharmaceutical, and heal equipment
52318	Retail sale of essential oil
52319	Retail sale of goods not classified in 52311 to 52318
52321	Retail sale of textile
52322	Retail sale of cloths
52323	Retail sale of shoes, sandals, and other footwear
52324	Retail sale of clothing supplies and yarn
52325	Retail sale of eye glasses
52326	Retail sales of jewellery
52327	Retail sale of watches
52328	Retail sale of bags, wallets, luggage, backpacks and the like
52329	Retail sale of textile, cloths, footwear, and other personal goods
52331	Retail sale of furniture
52332	Retail sale of electronics
52333	Retail sale of electric equipment and supplies
52334	Retail sale of plastic kitchenware
52335	Retail sale of stone or clay kitchenware
52336	Retail sale of wooden or rattan or bamboo kitchenware
52337	Retail sale of kitchenware not from plastics, stone, clay, stone, bamboo or rattan
52338	Retail sale of telecommunications equipment
52339	Retail sale of other home and kitchen appliances
52341	Retail sale of metal goods for construction materials
52342	Retail sale of glass for construction materials
52343	Retail sale of tiles, bricks, tiles, and the like from clay, limestone, cement, or glasses
52344	Retail sale of cement, limestone, sand and Stone
52345	Retail sale of porcelain-based construction materials
52346	Retail sale of wooden construction materials
52347	Retail sale of paint
52348	Retail sale of miscellaneous construction materials
52349	Retail sale of other construction materials
52351	Retail sale of gasoline and the like in stalls / shops
52352	Retail sale of kerosene
52353	Retail sale of LPG gas
52354	Retail sale of lubricant oil
52359	Retail sale of other fuel
52361	Retail sale of paper, paperboard, and goods from paper and paperboard
52362	Retail sale of stationary and drawing equipment
52363	Retail sale of printing and publishing products and softwares
52364	Retail sale of sport equipment
52365	Retail sale of music instrument

CODE	INDUSTRIAL CLASSIFICATION
52366	Retail sale of photographic equipment and supplies
52367	Retail sale of optical equipment and supplies
52368	Retail sale of computers and office machinery
52371	Retail sale of agricultural machinery and supplies
52372	Retail sale of sewing machine and supplies
52373	Retail sale of other machinery and supplies
52374	Retail sale of non-motorized road transportation equipment and supplies
52375	Retail sale of air transportation equipment and supplies
52381	Retail sale of wooden, bamboo, rattan, and grass crafts and the like
52382	Retail sale of craft of leather, bone, horn, ivory, fur, and preserved animals
52383	Retail sale of metallic crafts
52384	Retail sale of ceramic crafts
52385	Retail sale of toys
52386	Retail sale of paintings
52389	Retail sale of other crafts, toys, and paintings
52391	Retail sale of agricultural equipment
52392	Retail of carpentry equipment
52393	Retail sale of pets (Pet Shops)
52394	Retail sale of flower (florists)
52395	Retail sale of ornamental plants, nursery transplant, and medicinal plants
52399	Retail sale of other commodities (non food, beverages, or tobacco)
52401	Retail sale of second-hand home appliances
52402	Retail sale of second-hand cloths, footwear and apparels
52403	Retail sale of second-hand personal supplies
52404	Retail sale of second-hand electric equipment and electronics
52405	Retail sale of second-hand construction and sanitation materials
52406	Retail sale of antiques
52409	Retail sale of other second-hand goods
52511	Retail sale via street vendors of paddy and crop commodities
52512	Retail sale via street vendors of fruit commodities
52513	Retail sale via street vendors of vegetable commodities
52514	Retail sale via street vendors of livestock commodities
52515	Retail sale via street vendors of fishery commodities
52516	Retail sale via street vendors of other agricultural commodities
52521	Retail sale via street vendors of rice
52522	Retail sale via street vendors of bakery, cookies, cakes and the like
52523	Retail sale via street vendors of coffee, white sugar, palm sugar and the like
52524	Retail sale via street vendors of tofu, tempeh, and fermented soybean
52525	Retail sale via street vendors of meat and processed water biota products
52526	Retail sale via street vendors of beverages
52527	Retail sale via street vendors of cigarette and tobacco
52528	Retail sale via street vendors of livestock / poultry / fish feed
52529	Retail sale via street vendors of other food and drink not elsewhere classified
52531	Retail sale via street vendors of chemicals
52532	Retail sale via street vendors of pharmacies
52533	Retail sale via street vendors of herbs
52534	Retail sale via street vendors of cosmetics
52535	Retail sale via street vendors of fertilizer and pest control
52536	Retail sale via street vendors of essential oil
52539	Retail sale via street vendors of chemical, pharmaceutical, cosmetics and laboratory equipment not elsewhere classified
52541	Retail sale via street vendors of textile

CODE	INDUSTRIAL CLASSIFICATION
52542	Retail sale via street vendors of clothes
52543	Retail sale via street vendors of shoes, sandals, and other footwear
52544	Retail sale via street vendors of clothing supplies and yarn
52545	Retail sale via street vendors of eye glasses
52546	Retail sale via street vendors of jewellery
52547	Retail sale via street vendors of watches
52548	Retail sale via street vendors of bags, wallets, luggage, backpacks and the like
52549	Retail sale via street vendors of other personal goods
52551	Retail sale via street vendors of electronics
52552	Retail sale via street vendors of electric equipment and supplies
52553	Retail sale via street vendors of plastic/melamine home appliances and kitchenware
52554	Retail sale via street vendors of stone or clay home appliance and kitchenware
52555	Retail sale via street vendors of wooden or rattan or bamboo home appliance & kitchenware
52556	Retail sale via street vendors of kitchenware not from plastics, stone, clay, stone, bamboo or rattan
52557	Retail sale via street vendors of cleaning equipment
52559	Retail sale via street vendors of other home and kitchen appliances
52561	Retail sale via street vendors of other fuel, gas, and lubricant oil
52569	Retail sale via street vendors of other fuel
52571	Retail sale via street vendors of paper, paperboard, and goods from paper and paperboard
52572	Retail sale via street vendors of stationary and drawing equipment
52573	Retail sale via street vendors of printing and publishing products and softwares
52574	Retail sale via street vendors of sport equipment and music instrument
52575	Retail sale via street vendors of photographic and optic equipment and supplies
52576	Retail sale via street vendors of office machinery
52577	Retail sale via street vendors of mixed of paper, paperboard, and goods from paper and paperboard, stationary and drawing equipment, other printing and publishing product
52581	Retail sale via street vendors of crafts
52582	Retail sale via street vendors of toys
52583	Retail sale via street vendors of paintings
52591	Retail sale via street vendors of second-hand home appliances
52592	Retail sale via street vendors of second-hand clothes, footwear, apparels, and personal goods
52593	Retail sale via street vendors of second-hand electrical goods and electronics
52594	Retail sale via street vendors of second-hand antiques
52595	Retail sale via street vendors of mixed of second-hand goods
52600	Retail sale via street vendors of other second-hand goods
52711	Retail sale via media of food, drinks, tobacco, chemical, pharmaceutical, and cosmetic commodities and laboratory equipment
52712	Retail sale via media of textile, clothes, footwear, and personal goods
52713	Retail sale via media of home and kitchen appliances
52714	Retail sale via media of mixed of goods in 52711-52713
52719	Retail sale via media for other goods
52721	Mobile retail sale of foods from agricultural product
52722	Mobile retail sale of food, beverage, or tobacco from processing industry
52723	Mobile retail sale of chemicals, pharmaceuticals, cosmetics, and laboratory equipment
52724	Mobile retail sale of textiles, apparels, footwear, and other personal goods
52725	Mobile retail sale of home appliances and kitchen equipment
52726	Mobile retail sale of fuel and lubricant oil

CODE	INDUSTRIAL CLASSIFICATION
52727	Mobile retail sale of paper, paper-based goods, stationary, printed Goods, sport equipment, music Instrument, photography Equipment, and computers
52728	Mobile retail sale of handicrafts, toys, and paintings
52729	Mobile retail sale of other goods
53100	Export sale on a fee or contract basis
53211	Export sale of agricultural products
53212	Export sale of live animals
53213	Export sale of fishery product
53214	Export sale of forestry and hunting products
53220	Export sale of food, beverages and tobacco
53310	Export sale of textile, clothing/apparels, and leather
53391	Export sale of household equipment and appliances
53392	Export sale of chemical and pharmaceutical goods for household purposes
53399	Export sale of other household goods and appliances
53410	Export sale of liquid and solid gas and the like
53420	Export sale of metals and metal ores (mining and quarrying products)
53430	Export sale of construction materials (except quarrying products)
53491	Export sale of intermediate products
53492	Export sale of second-hand products and scrap
53500	Export sale of machinery, spare parts and the supplies
53900	Export sale of other products
54100	Import sale on a fee or contract basis
54211	Import sale of agricultural products
54212	Import sale of live animals
54213	Import sale of fishery product
54214	Import sale of forestry and hunting products
54220	Import sale of food, beverages and tobacco
54310	Import sale of textile, clothing/apparels, and leather
54391	Import sale of household equipment and appliances
54392	Import sale of chemical and pharmaceutical goods for household purposes
54399	Import sale of other household goods and appliances
54410	Import sale of liquid and solid gas and the like
54420	Import sale of metals and metal ores
54430	Import sale of construction materials
54491	Import sale of intermediate products
54492	Import sale of second-hand products and scrap
54500	Import sale of machinery, spare parts and the supplies
54900	Import sale of other products
H	Accommodation and Food Supply
55111	Five star hotels
55112	Four star hotels
55113	Three star hotels
55114	Two star hotels
55115	One star hotels
55120	Motels
55130	Youth Hostels
55140	Home Stays
55150	Camping grounds
55160	Caravans
55190	Other accommodation services
55211	Restaurant / Rumah Makan salver Kencana
55212	Restaurant / Rumah Makan salver Selaka

CODE	INDUSTRIAL CLASSIFICATION
55213	Restaurant / Rumah Makan salver Gangsa
55214	Restaurants / Restaurant Non-tray
55220	Small restaurant (warung makan)
55230	Bars
55240	Food and beverage stores
55250	Mobile food and beverage sellers
55260	Caterings
I	Transport, Storage and Communication
60111	Passenger rail transport
60120	Freight rail transport
60131	Special tour rail transport
60139	Other special rail transport
60211	Inter-city and province transport (AKAP)
60212	Border transport
60213	Inter-city within province transport (AKDP)
60214	Urban land transport
60215	Rural land transport
60216	Special transport
60217	Cross-country border transport
60221	Taxi
60222	Rental transport
60223	Tourism transport
60224	Passenger non-motorized transport
60225	Motorcycle transport
60231	Motorized transport for general goods
60232	Motorized transport for special products
60233	Non-motorized transport for general goods
60300	Transport via pipeline
61111	Scheduled public domestic sea passenger transport
61112	Unscheduled public domestic sea passenger transport
61113	Scheduled public domestic sea freight transport
61114	Unscheduled public domestic sea freight transport
61115	Special domestic sea transport special for tourism
61116	Special domestic sea freight transport
61117	Domestic sea pioneer transport
61118	Domestic sea mass transport (pelayaran rakyat)
61121	Scheduled public international sea passenger transport
61122	Unscheduled public international sea passenger transport
61123	Scheduled public international sea freight transport
61124	Unscheduled public international sea freight transport
61125	Special international sea transport special for tourism
61126	Special international sea freight transport
61127	International sea mass transport (pelayaran rakyat)
61211	Scheduled river and lake passenger transport
61212	Unscheduled river and lake passenger transport
61213	Unscheduled river and lake tourism transport
61214	River and lake freight transport for goods and animals
61215	River and lake transport for special goods
61216	River and lake transport for special dangerous goods
61221	Inter-state water transport
61222	Inter-province public water transport
61223	Pioneer inter-province public water transport

CODE	INDUSTRIAL CLASSIFICATION
61224	Inter-district/city public water transport
61225	Pioneer inter-district/city public water transport
61226	Inner-district/city public water transport
62111	Scheduled public domestic air transport
62112	Scheduled pioneer domestic air transport
62120	Scheduled international air transport
62201	Unscheduled public domestic air transport
62202	Unscheduled pioneer domestic air transport
62311	Air transport special for spraying and pollination
62312	Air transport special for photography, survey, and mapping activities
62313	Air transport special for sport
62314	Air transport special for medical evacuation
62320	Air transport special for aircraft crew education
62390	Other special air transports
63100	Loading - unloading services
63210	Warehousing
63220	Cold storage services
63230	Bounded warehousing services (Wilayah Kawasan Berikat)
63290	Other warehousing services
63310	Land terminal services
63321	Sea port services
63322	River and lake port services
63323	Cross-port water transport services
63330	Air transport services
63340	Highway services
63351	On street parking services
63352	Off street parking services
63390	Other transportation support services
63411	Travel agency services - Four Chakras
63412	Travel agency services - Three Chakras
63413	Travel agency services – Two Chakras
63414	Travel agency services – One Chakras
63415	Travel agency services - Non-Chakras
63420	Travel agencies
63430	Guide services
43440	Convention, Exhibition, and incentive travel services
43450	Impresariate
63460	Tourism consulting services
63470	Tourism information services
63490	Other travel services
63510	Transportation management services
63520	Railway and road freight services
63530	Ship freight services
63540	Air freight services
63590	Other shipping and packaging services
63900	Other transportation support services not elsewhere classified
64110	National Postal
64120	Postal service unit
64130	Courier service
64210	Fixed network
64221	Terrestrial mobile network
64222	Cellular mobile network

CODE	INDUSTRIAL CLASSIFICATION
64223	Satellite mobile network
64311	Premium call services
64312	Public radio call services
64313	Trunking radio service
64314	Telecommunication shops (Wartel)
64319	Other telecommunications services
64321	Internet service provider
64322	Communication systems services
64323	Portal services
64324	Voice Over Internet Protocol (VOIP) services
64325	Internet shops (Warnet)
64329	Other multimedia services
64410	Special telecommunication for private usage
64420	Special telecommunications for security and defence
64430	Special telecommunications for broadcasting
J	Financial Intermediation
65110	Central Bank
65121	Foreign exchange bank
65122	Non foreign exchange bank
65123	Syariah bank
65191	Credit bank
65192	Syariah credit bank
65199	Other monetary intermediation services
65910	Leasing
65921	Factoring financing
65922	Consumers credit financing
65923	Credit card financing
65929	Other non leasing financing
65930	Ventura capital
65940	Pawnshop
65950	Savings and loans cooperatives/units
65991	Merger and acquisition services
65999	Other financial intermediation services not elsewhere classified
66010	Life insurance
66020	Pensions
66030	Non-Life insurances
67111	Stock exchanges
67112	Clearing and guaranty institutions
67113	Depository institutions
67121	Underwriters
67122	Broker dealers
67123	Investment managers
67131	Trustees
67132	Securities administration bureaus
67133	Custodians
67134	Securities agencies
67191	Money changers
67199	Other financial support services not elsewhere classified
67201	Insurance Agencies
67202	Adjusters
67203	Actuarial
67204	Insurance brokers

CODE	INDUSTRIAL CLASSIFICATION
67209	Insurance and pension funds support services
K	Real Estate, Renting and Corporate Services
70101	Owned and leased real estates
70102	Boarding house
70200	Real estate based on fee or contract
70310	Tourism destination
70320	Water tourism services
71110	Rental of road transportation equipment
71120	Rental of water transportation equipment
71130	Rental of air transportation equipment
71210	Rental of agricultural machinery and the equipment
71220	Rental of construction and civil machinery and the equipment
71230	Rental of office machinery and the equipment (including computers)
71290	Rental of other machinery not elsewhere classified
71301	Rental of party equipment
71302	Rental of household and personal goods
71303	Rental of printing and publishing products
71304	Rental of recording products
71305	Rental of sports equipment and music instrument
71306	Rental of flowers and ornamental plants
71309	Rental of other household goods not elsewhere classified
72100	Hardware consulting services
72200	Software consulting services
72300	Data processing
72400	Data base services
72500	Office and accounting machinery and computer maintenance and reparation
72900	Other computer related activities
73110	Research and development of natural science
73120	Research and development of technology and engineering
73210	Research and development of social sciences
73220	Research and development of humanities
74110	Legal activities
74120	Accounting and tax consultancy activities
74130	Market research services
74140	Business and management consultancy activities
74210	Architectural and engineering activities and related technical consultancy
74220	Technical testing and analysis
74300	Advertising
74910	Labour selection and provision
74920	Investigation and security services
74930	House cleaning services
74940	Photographic activities
74950	Packaging services
74990	Other corporate services not elsewhere classified
L	Public Administration and Defence, and Compulsory Social Security
75111	Legislative institution
75112	State government organization and state secretary
75113	Public finance, taxation and customs institutions
75114	Public planning institution
75115	Judiciary institutions
75121	Education development
75122	Health development

CODE	INDUSTRIAL CLASSIFICATION
75123	Housing and environment development
75124	Social welfare development
75125	Religious development
75126	Information development
75127	Culture / Arts / Recreation / Sport development
75129	Social services development other than health, education, religious and culture
75131	Activities of the government institutions responsible for agriculture
75132	Activities of the government institutions responsible for mining and quarrying
75133	Activities of the government institutions responsible for industry
75134	Activities of the government institutions responsible for electricity, gas and water supplies
75135	Activities of the government institutions responsible for construction
75136	Activities of the government institutions responsible for trade and tourism
75137	Activities of the government institutions responsible transportation and communication'
75138	Activities of the government institutions responsible for employment and transmigration
75139	Activities of the government institutions responsible for production and business efficiency
75140	Non-departmental government institution with the special task
75210	Foreign affairs
75221	Defence and army institution
75222	Army
75223	Air force
75224	Navy
75231	Police
75232	Civil defence
75233	Judicial institutions
75300	Compulsory social security
M	Education Services
80111	Public pre-school services
80112	Public primary school services
80113	Public junior secondary education services
80121	Private pre-school services
80122	Private primary school services
80123	Private junior secondary education services
80211	Public general senior secondary school services
80212	Public vocational senior secondary school services
80221	Private general senior secondary school services
80222	Private vocational senior secondary school services
80311	Public degree higher education services
80312	Public non-degree higher education services
80321	Private degree higher education services
80322	Private non-degree higher education services
80910	Other public education services
80921	Private computer education services
80922	Private language education services
80923	Private beauty and personality education services
80929	Private vocational education services
N	Public Health Services and Social Activities
85111	Public hospital services
85112	Public polyclinic services
85113	Private hospital services
85114	Public health clinic services

CODE	INDUSTRIAL CLASSIFICATION
85119	Other hospital services
85121	General medical doctor practices
85122	Medical specialist practices
85123	Dental Practices
85191	Health services conducted by Paramedics
85192	Traditional health services
85193	Health supporting services
85200	Animal Health Services ,
85311	Public residential nursing care facilities
85312	Private residential nursing care facilities
85313	Public orphanages
85314	Private orphanages
85319	Other social residential
85321	Social work activities done by government without accommodation
85322	Social work activities done by private without accommodation
O	Community, Socio-Cultural, Entertainment and other Personal Services
90001	Public cleaning services
90002	Private cleaning services
91110	Business and entrepreneur organizations
91121	Social science organizations
91122	Natural and technological science organizations
91200	Labour organization
91910	Religious organizations
91920	Political organization
91990	Non-government organizations
92111	Production and distribution of film and video by the government
92112	Production and distribution of film and video by the private sectors
92120	Movie activities
92131	Radio and television activities by the government
92132	Radio and television activities by the private sectors
92141	Drama, music and other entertainment activities by the government
92142	Drama, music and other entertainment activities by private sectors
92143	Entertainment support services
92190	Other entertainment activities
92201	News related activities by the Government
92202	News related activities by private sectors
92203	Free lance journalists
92311	Public libraries and archives
92312	Private libraries
92321	Public museums
92322	Private museums
92323	Heritages managed by the Government
92324	Heritages managed by the private sectors
92331	Botanical and zoological gardens
92332	National park
92333	Forest park
92334	Natural park
92335	Protected forest, wildlife, natural reserved park
92336	Park for hunting purposes
92339	Other than botanical and zoological gardens and natural conservation park
92411	Billiard
92412	Golf

CODE	INDUSTRIAL CLASSIFICATION
92413	Bowling
92414	Swimming
92415	Soccer
92416	Tennis
92417	Fitness
92418	Sport centre
92419	Other sports activities
92421	Recreational park
92422	Natural swimming pool
92423	Fishing pool
92424	Gaming and dexterity arenas
92425	Night Clubs or discotheques
92426	Therapeutic massage
92427	Steam bath therapeutics
92428	Karaoke
92429	Other recreational services
92431	Agro tourism
92432	Water tourism
92433	Natural adventure tourism
92434	Cave tourism
92439	Other special interest tourism
93010	Washing and (dry-) cleaning services
93021	Hairdressing
93022	Beauty salons
93030	Funeral services
93040	Maintenance and reparation of cars
93050	Maintenance and reparation of motorcycle
93061	Repair of personal goods
93062	Repair of home appliances
93069	Other purpose reparation
93091	Sewing services
93092	Labour provision services
93093	Fitness services
93094	Other personal services not elsewhere classified
P	Personal services for household
95000	Personal services for household
Q	International and extraterritorial organization and bodies
99000	International and extraterritorial organization and bodies
X	Activities that have unclear boundaries
99999	Activities that have unclear boundaries

7. INDONESIAN OCCUPATIONAL CLASSIFICATION STANDARD 2002

CODE	OCCUPATIONAL CLASSIFICATION
MAJOR GROUP 1: LEGISLATORS, SENIOR OFFICIALS AND MANAGERS	
1120	Senior government officials
1130	Traditional chiefs and heads of villages
1141	Senior officials of political-party organisations
1142	Senior officials of employers', workers' and other economic-interest organisations
1143	Senior officials of humanitarian and other special-interest organisations
1210	Directors and chief executives
1221	Production and operations department managers in agriculture, hunting, forestry and fishing
1222	Production and operations department managers in manufacturing
1223	Production and operations department managers in construction
1224	Production and operations department managers in wholesale and retail trade
1225	Production and operations department managers in restaurants and hotels
1226	Production and operations department managers in transport, storage and communications
1227	Production and operations department managers in business services
1228	Production and operations department managers in personal care, cleaning and related services
1229	Production and operations department managers not elsewhere classified
1231	Finance and administration department managers
1232	Personnel and industrial relations department managers
1233	Sales and marketing department managers
1234	Advertising and public relations department managers
1235	Supply and distribution department managers
1236	Computing services department managers
1237	Research and development department managers
1239	Other department managers not elsewhere classified
1311	General managers in agriculture, hunting, forestry/ and fishing
1312	General managers in manufacturing
1313	General managers in construction
1314	General managers in wholesale and retail trade
1315	General managers of restaurants and hotels
1316	General managers in transport, storage and communications
1317	General managers of business services
1318	General managers in personal care, cleaning and related services
1319	General managers not elsewhere classified
MAJOR GROUP 2: PROFESSIONALS	
2111	Physicists and astronomers
2112	Meteorologists
2113	Chemists
2114	Geologists and geophysicists
2121	Mathematicians and related professionals
2122	Statisticians
2131	Computer systems designers and analysts

CODE	OCCUPATIONAL CLASSIFICATION
2132	Computer programmers
2139	Computing professionals not elsewhere classified
2141	Architects, town and traffic planners
2142	Civil engineers
2143	Electrical engineers
2144	Electronics and telecommunications engineers
2145	Mechanical engineers
2146	Chemical engineers
2147	Mining engineers, metallurgists and related professionals
2148	Cartographers and surveyors
2149	Architects, engineers and related professionals not elsewhere classified
2211	Biologists, botanists, zoologists and related professionals
2212	Pharmacologists, pathologists and related professionals
2213	Agronomists and related professionals
2214	Animal husbandry researchers
2221	Medical doctors
2222	Dentists
2223	Veterinarians
2224	Pharmacists
2229	Health professionals (except nursing) not elsewhere classified
2231	Nursing professionals
2232	Midwifery professionals
2311	Economist
2312	Sociologists, anthropologists and related professionals
2313	Philosophers, historians and political scientists
2314	Language experts, translators, and interpreters
2315	Psychologists
2316	Social work professionals
2410	College, university and higher education teaching professionals
2421	Senior secondary education teaching professionals
2422	Junior secondary education teaching professionals
2431	Primary education teaching professionals
2432	Pre-primary education teaching professionals
2440	Non-formal education teaching professionals
2450	Special education teaching professionals
2461	Education methods specialists
2462	School inspectors
2469	Other teaching professionals not elsewhere classified
2511	Lawyers
2512	Judges
2513	Attorney
2519	Legal professionals not elsewhere classified
2611	Accountants
2612	Personnel and careers professionals
2619	Business professionals not elsewhere classified

CODE	OCCUPATIONAL CLASSIFICATION
2911	Archivists and curators
2912	Librarians and related information professionals
2921	Authors and critics
2922	Journalists
2923	Writers and related professionals
2924	Sculptors, painters and related artists
2925	Composers, musicians and singers (except street singers)
2926	Choreographers and dancers
2927	Puppeteers, gamelan payers, and related artists
2928	Film, stage and related actors and directors
2931	Ulama and related professionals in Islam religion
2932	Christian-Protestant priest and related professionals
2933	Christian-Catholic priest and related professionals
2934	Monks and related professionals in Buddhism religion
2935	Pastor and related personnel in Hinduism religion
2939	Other religious professionals not elsewhere classified
MAJOR GROUP 3: TECHNICIANS AND ASSOCIATE PROFESSIONALS	
3111	Chemical and physical science technicians
3112	Civil engineering technicians
3113	Electrical engineering technicians
3114	Electronics and telecommunications engineering technicians
3115	Mechanical engineering technicians
3116	Chemical engineering technicians
3117	Mining and metallurgical technicians
3118	Draughtspersons
3119	Physical and engineering science technicians not elsewhere classified
3121	Computer assistants
3122	Computer equipment operators
3123	Industrial robot controllers
3131	Photographers and image and sound recording equipment operators
3132	Broadcasting and telecommunications equipment operators
3133	Medical equipment operators
3139	Optical and electronic equipment operators not elsewhere classified
3141	Ships' engineers
3142	Ships' deck officers and pilots
3143	Aircraft pilots and related associate professionals
3144	Air traffic controllers
3145	Air traffic safety technicians
3151	Building and fire inspectors
3152	Safety, health and quality inspectors
3211	Life science technicians
3212	Agronomy and forestry technicians
3213	Farming and forestry advisers
3221	Medical assistants
3222	Sanitarians

CODE	OCCUPATIONAL CLASSIFICATION
3223	Dieticians and nutritionists
3224	Optometrists and opticians
3225	Dental assistants
3226	Physiotherapists and related associate professionals
3227	Veterinary assistants
3228	Pharmaceutical assistants
3229	Modern health associate professionals (except nursing) not elsewhere classified
3231	Nursing associate professionals
3232	Midwifery associate professionals
3241	Traditional medicine practitioners
3242	Faith healers
3310	Special education teaching associate professionals
3320	Other teaching associate professionals
3411	Securities and finance dealers and brokers
3412	Insurance representatives
3413	Estate agents
3414	Travel consultants and organisers
3415	Technical and commercial sales representatives
3416	Buyers
3417	Appraisers, valuers and auctioneers
3419	Finance and sales associate professionals not elsewhere classified
3511	Trade brokers
3512	Clearing and forwarding agents
3513	Employment agents and labour contractors
3519	Business services agents and trade brokers not elsewhere classified
3911	Administrative secretaries and related associate professionals
3912	Legal and related business associate professionals
3913	Bookkeepers
3914	Statistical, mathematical and related associate professionals
3919	Administrative associate professionals not elsewhere classified
3921	Customs and border inspectors
3922	Government tax and excise officials
3923	Government social benefits officials
3924	Government licensing officials
3929	Customs, tax and related government associate professionals not elsewhere classified
3930	Police inspectors and detectives
3940	Social work associate professionals
3951	Decorators and commercial designers
3952	Radio, television and other announcers
3953	Street, night-club and related musicians, singers and dancers
3954	Clowns, magicians, acrobats and related associate professionals
3955	Athletes, sportspersons and related associate professionals
3960	Religious associate professionals
MAJOR GROUP 4: OFFICE CLERKS	
4111	Stenographers and typists

CODE	OCCUPATIONAL CLASSIFICATION
4112	Word-processor and related operators
4113	Computer and data entry operators
4114	Calculating-machine and bookkeeping machine operators
4115	Secretaries
4121	Accounting and bookkeeping clerks
4122	Statistical and finance clerks
4131	Stock clerks
4132	Production clerks
4133	Transport and communication clerks
4141	Library and filing clerks
4142	Mail carriers and sorting clerks
4143	Coding, proof-reading and related clerks
4144	Scribes and related workers
4190	Other office clerks
4211	Cashiers and ticket clerks
4212	Tellers and other counter clerks
4213	Pawnbrokers and money-lenders
4214	Debt-collectors and related workers
4221	Travel agency and related clerks
4222	Receptionists and information clerks
4223	Telephone switchboard operators
MAJOR GROUP 5: SERVICE WORKERS AND SHOP AND MARKET SALES WORKERS	
5111	Air steward and stewardess, and ship waiters
5112	Land transportation conductors including train steward and stewardess
5113	Travel guides
5121	Housekeepers and related workers
5122	Cooks
5123	Waiters, waitresses and bartenders
5131	Child-care workers
5132	Institution-based personal care workers
5133	Home-based personal care workers
5139	Personal care and related workers not elsewhere classified
5141	Hairdressers, barbers, beauticians and related workers
5142	Companions and valets
5143	Undertakers and embalmers
5149	Other personal services workers not elsewhere classified
5151	Astrologers and related workers
5152	Fortune-tellers, palmists and related workers
5161	Fire-fighters
5162	Police officers
5163	Prison guards
5169	Protective service workers not elsewhere classified
5210	Fashion and other models
5220	Shop salespersons and demonstrators
5230	Stall and market salespersons

CODE	OCCUPATIONAL CLASSIFICATION
MAJOR GROUP 6: SKILLED AGRICULTURAL AND FISHERY WORKERS	
6111	Field crop and vegetable growers
6112	Tree and shrub crop growers
6113	Gardeners, horticultural and nursery growers
6114	Mixed-crop growers
6121	Dairy and livestock producers
6122	Poultry producers
6123	Apiarists and sericulturists
6124	Mixed-animal producers
6129	Market-oriented animal producers and related workers not elsewhere classified
6130	Market-oriented crop and animal producers
6141	Forestry workers and loggers
6142	Charcoal burners and related workers
6151	Aquatic-life cultivation workers
6152	Inland and coastal waters fishery workers
6153	Deep-sea fishery workers
6154	Hunters and trappers
6210	Subsistence agricultural and fishery workers
MAJOR GROUP 7: CRAFT AND RELATED TRADES WORKERS	
7111	Miners and quarry workers
7112	Shot firers and blasters
7113	Stone splitters, cutters and carvers
7121	Builders, traditional materials
7122	Bricklayers and stonemasons
7123	Concrete placers, concrete finishers and related workers
7124	Carpenters and joiners
7129	Building frame and related trades workers not elsewhere classified
7131	Roofers
7132	Floor layers and tile setters
7133	Plasterers
7134	Insulation workers
7135	Glaziers
7136	Plumbers and pipe fitters
7137	Building and related electricians
7141	Painters and related workers
7142	Varnishers and related painters
7143	Building structure cleaners
7211	Metal moulders and core makers
7212	Welders and flame cutters
7213	Sheet metal workers
7214	Structural-metal preparers and erectors
7215	Riggers and cable splicers
7216	Underwater workers
7221	Blacksmiths, hammer-smiths and forging-press workers
7222	Tool-makers and related workers

CODE	OCCUPATIONAL CLASSIFICATION
7223	Machine-tool setters and setter-operators
7224	Metal wheel-grinders, polishers and tool sharpeners
7231	Motor vehicle mechanics and fitters
7232	Aircraft engine mechanics and fitters
7233	Agricultural- or industrial-machinery mechanics and fitters
7241	Electrical mechanics and fitters
7242	Electronics fitters
7243	Electronics mechanics and servicers
7244	Telegraph and telephone installers and servicers
7245	Electrical line installers, repairers and cable jointers
7311	Precision-instrument makers and repairers
7312	Musical instrument makers and tuners
7313	Jewellery and precious-metal workers
7321	Abrasive wheel formers, potters and related workers
7322	Glass makers, cutters, grinders and finishers
7323	Glass engravers and etchers
7324	Glass, ceramics and related decorative painters
7331	Handicraft workers in wood and related materials
7332	Handicraft workers in textile, leather and related materials
7341	Compositors, typesetters and related workers
7342	Stereotypers and electrotypers
7343	Printing engravers and etchers
7344	Photographic and related workers
7345	Bookbinders and related workers
7346	Silk-screen, block and textile printers
7411	Butchers, fishmongers and related food preparers
7412	Bakers, pastry-cooks and confectionery makers
7413	Dairy-products makers
7414	Fruit, vegetable and related preservers
7415	Food and beverage tasters and graders
7416	Tobacco preparers and tobacco products makers
7421	Wood treaters
7422	Cabinet makers and related workers
7423	Woodworking machine setters and setter-operators
7424	Basketry weavers, brush makers and related workers
7431	Fibre preparers
7432	Weavers, knitters and related workers
7433	Tailors, dressmakers and hatters
7434	Furriers and related workers
7435	Textile, leather and related pattern-makers and cutters
7436	Sewers, embroiderers and related workers
7437	Upholsterers and related workers
7438	Batik makers
7441	Pelt dressers, tanners and fellmongers
7442	Shoe-makers and related workers

CODE	OCCUPATIONAL CLASSIFICATION
MAJOR GROUP 8: PLANT AND MACHINE OPERATORS AND ASSEMBLERS	
8112	Mineral-ore- and stone-processing-plant operators
8113	Well drillers and borers and related workers
8121	Ore and metal furnace operators
8122	Metal rolling-mill operators
8123	Metal-heat-treating-plant operators
8124	Metal caster operators
8125	Metal heater operators
8126	Metal drawers and extruders
8131	Glass and ceramics kiln and related machine operators
8139	Glass, ceramics and related plant operators not elsewhere classified
8141	Wood-processing-plant operators
8142	Paper-pulp plant operators
8143	Papermaking-plant operators
8151	Crushing-, grinding- and chemical-mixing-machinery operators
8152	Chemical-heat-treating-plant operators
8153	Chemical-filtering- and separating-equipment operators
8154	Chemical-still and reactor operators (except petroleum and natural gas)
8155	Petroleum- and natural-gas-refining-plant operators
8159	Chemical-processing-plant operators not elsewhere classified
8161	Power-production plant operators
8162	Steam-engine and boiler operators
8163	Incinerator, water-treatment and related plant operators
8171	Automated-assembly-line operators
8172	Industrial-robot operators
8211	Machine-tool operators
8212	Cement and other mineral products machine operators
8221	Pharmaceutical- and toiletry-products machine operators
8222	Ammunition- and explosive-products machine operators
8223	Metal finishing-, plating- and coating-machine operators
8224	Photographic-products machine operators
8229	Chemical-products machine operators not elsewhere classified
8231	Rubber-products machine operators
8232	Plastic-products machine operators
8240	Wood-products machine operators
8251	Printing-machine operators
8252	Bookbinding-machine operators
8253	Paper-products machine operators
8261	Fibre-preparing-, spinning- and winding-machine operators
8262	Weaving- and knitting-machine operators
8263	Sewing-machine operators
8264	Bleaching-, dyeing- and cleaning-machine operators
8265	Fur and leather-preparing-machine operators
8266	Shoemaking- and related machine operators
8269	Textile-, fur- and leather-products machine operators not elsewhere classified

CODE	OCCUPATIONAL CLASSIFICATION
8271	Meat- and fish-processing-machine operators
8272	Dairy-products machine operators
8273	Grain- and spice-milling-machine operators
8274	Baked-goods, cereal and chocolate-products machine operators
8275	Fruit-, vegetable- and nut-processing-machine operators
8276	Sugar production machine operators
8277	Tea-, coffee-, and cocoa-processing-machine operators
8278	Brewers, wine and other beverage machine operators
8279	Tobacco production machine operators
8281	Mechanical-machinery assemblers
8282	Electrical-equipment assemblers
8283	Electronic-equipment assemblers
8284	Metal-, rubber- and plastic-products assemblers
8285	Wood and related products assemblers
8286	Paperboard, textile and related products assemblers
8290	Other machine operators and assemblers
8311	Locomotive-engine drivers
8312	Railway brakemen, signallers and shunters
8321	Motor-cycle drivers
8322	Car, taxi and van drivers
8323	Bus and tram drivers
8324	Heavy-truck and lorry drivers
8331	Motorised farm and forestry plant operators
8332	Earth-moving- and related plant operators
8333	Crane, hoist and related plant operators
8334	Lifting-truck operators
8340	Ships' deck crews and related workers
MAJOR GROUP 9: ELEMENTARY OCCUPATION	
9111	Street food vendors
9112	Street vendors, non-food products
9113	Door-to-door and telephone salespersons
9120	Shoe cleaning and other street services elementary occupations
9131	Domestic helpers and cleaners
9132	Helpers and cleaners in offices, hotels and other establishments
9133	Hand-launderers and pressers
9141	Building caretakers
9142	Vehicle, window and related cleaners
9151	Messengers, package and luggage porters and deliverers
9152	Doorkeepers, watchpersons and related workers
9153	Vending-machine money collectors, meter readers and related workers
9161	Garbage collectors
9162	Sweepers and related labourers
9211	Farm-hands and labourers
9212	Forestry labourers
9213	Fishery, hunting and trapping labourers

CODE	OCCUPATIONAL CLASSIFICATION
9311	Mining and quarrying labourers
9312	Construction and maintenance labourers: roads, dams and similar constructions
9313	Building construction labourers
9321	Assembling labourers
9322	Hand packers and other manufacturing labourers
9331	Rickshaw or pedal vehicle drivers
9332	Drivers of animal-drawn vehicles and machinery
9333	Freight handlers
MAJOR GROUP 10: INDONESIA'S ARMED FORCES	
0110	Army members
0120	Navy members
0130	Air force members
0140	Police members
0190	Other elements of defence and other security

NATIONAL LABOUR FORCE SURVEY (SAKERNAS) 2008

INFORMATION OF HOUSEHOLD MEMBERS

(AUGUST 2008)

Confidential

I. IDENTIFICATION OF PLACE			
1	Province		<input type="checkbox"/> <input type="checkbox"/>
2	District/city *)		<input type="checkbox"/> <input type="checkbox"/>
3	Sub District		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
4	Village/Kelurahan *)		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
5	Village/Region classification (urban vs rural)	1. Urban 2. Rural	<input type="checkbox"/>
6	a. Number of census block		
	b. Number of census sub-block.		
7	Number of Sample Code		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
8	ID number of household sample		<input type="checkbox"/> <input type="checkbox"/>
9	Name of the household head		

II. SUMMARY			
10	Number of household members		<input type="checkbox"/> <input type="checkbox"/>
11	Number of household members aged 10 years and above		<input type="checkbox"/> <input type="checkbox"/>

III. ENUMERATOR CHARACTERISTICS			
1	Code of Enumerator	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
2	Name of Enumerator	Date of interview:	Enumerator Signature:
3	Name of team coordinator	Date of supervision:	Supervisor Signature:

*) Cross out inapplicable category

IV. CHARACTERISTICS OF HOUSEHOLD MEMBERS						
ID No.	Name of Household Members	Relation to the head of household (Code)	Sex: 1. Male 2. Female	Age (year)	Only for household member aged 10 years and above	
					Marital Status (Code)	School Participation (Code)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
01		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
02		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
03		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
04		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
05		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
06		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
07		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
08		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
09		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Column 3 Code: <u>Relation to the head of household</u>			Column 6 Code: <u>Marital Status</u>		Column 9 Code: <u>School Participation</u>
1. Household head	4. Son/daughter in-law	7. Other Relatives	1. Single/never married		1. Never/not yet attending school
2. Wife/Husband	5. Grandchildren	8. Housemaid	2. Married		2. Attending School
3. Children	6. Parent, mother, farther in-law	9. Others	3. Divorced		2. Not attending School anymore
			4. Widowed		

- When finish filling up all household member at Column (2) and Column (3), ask once more if there is any other household member such as housemaid, driver, gardener, babysitter, or the likes who live in the same house. If there is, fill in on the table
- Ask also if there is a name that missed such as new born baby and household member who are currently travelling. If there is, fill in on the table
- Meanwhile, for household member who are travelling less than 6 months but with intention to move or to leave the house for 6 months or more, do not consider that as an household member
- Sort again the ID number at Column (1)

<p>15.a. Where is job's location of (NAME) during the previous week? FILL BY EDITOR</p> <p>Province : <input type="checkbox"/><input type="checkbox"/></p> <p>District/city ²⁾ : <input type="checkbox"/><input type="checkbox"/></p> <p>b. If it is outside district/city where (NAME) lives, does (NAME) commute to work, every day, every week, or every month? 1. Every day 2. Every week 3. Every month</p> <p>c. How far is from home to the location of work?</p> <p>..... Km <input type="checkbox"/><input type="checkbox"/><input type="checkbox"/></p> <p>d. How long the trip from home to the location of work? 1. ≤ 30 minutes 3. 61-120 minutes 2. 31-10 minutes 4. > 120 minutes</p> <p>e. Kind of transportation used to go and back to/from the location of work? 1. Public transportation 2. Shared transportation 3. Private transportation 4. Without using a transportation</p>	<p>20. What efforts have been done by (NAME) to find a new job/establish a new business/firm?</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Yes</th> <th style="text-align: center;">No</th> </tr> </thead> <tbody> <tr><td>1. Registering at the Job Market</td><td style="text-align: center;">1</td><td style="text-align: center;">2</td></tr> <tr><td>2. Applying directly to companies/offices</td><td style="text-align: center;">3</td><td style="text-align: center;">4</td></tr> <tr><td>3. Applying through advertisement</td><td style="text-align: center;">1</td><td style="text-align: center;">2</td></tr> <tr><td>4. Contact through relatives/friends</td><td style="text-align: center;">3</td><td style="text-align: center;">4</td></tr> <tr><td>5. Obtaining capital/equipments</td><td style="text-align: center;">1</td><td style="text-align: center;">2</td></tr> <tr><td>6. Looking for location</td><td style="text-align: center;">3</td><td style="text-align: center;">4</td></tr> <tr><td>7. Applying for business</td><td style="text-align: center;">1</td><td style="text-align: center;">2</td></tr> <tr><td>8. Other (.....)</td><td style="text-align: center;">3</td><td style="text-align: center;">4</td></tr> </tbody> </table> <p style="text-align: center;">WRITE DOWN</p>		Yes	No	1. Registering at the Job Market	1	2	2. Applying directly to companies/offices	3	4	3. Applying through advertisement	1	2	4. Contact through relatives/friends	3	4	5. Obtaining capital/equipments	1	2	6. Looking for location	3	4	7. Applying for business	1	2	8. Other (.....)	3	4
	Yes	No																										
1. Registering at the Job Market	1	2																										
2. Applying directly to companies/offices	3	4																										
3. Applying through advertisement	1	2																										
4. Contact through relatives/friends	3	4																										
5. Obtaining capital/equipments	1	2																										
6. Looking for location	3	4																										
7. Applying for business	1	2																										
8. Other (.....)	3	4																										
<p>16.a. When did (NAME) start working/doing a business? 31 August 2007 or before 1 → Q17</p> <p>1 September 2007 or after 2 → <input type="checkbox"/><input type="checkbox"/> <input type="checkbox"/><input type="checkbox"/> Month Year</p> <p>b. Length of job seeking period / business establishment?</p> <p>Length: Month <input type="checkbox"/><input type="checkbox"/></p>	<p>21. How many months (NAME) look for a job/establish a new business MONTHS <input type="checkbox"/><input type="checkbox"/></p> <p>22. The job that is looked for/ business that has been prepared: 1. Full time job → Q25 2. Part time job → Q25</p> <p>Asked only if Q4=2 and Q5=2</p> <p>23. What is the main reason why (NAME) do not look for a job/establish a new business? 1. Discourage workers ³⁾ 2. Have a new job but not started yet 3. Attending school 4. Housekeeping 5. Already have a job / business 6. Sufficient income → Q25 7. Unable to do work → Q25 8. Others (.....) WRITE COMPLETELY</p>																											
<p>17. Did (NAME) have additional in the previous week? 1. Yes 2. No → IV.E</p>	<p>24.a. If offered a job, would (NAME) accept it? 1. Yes 2. No → Q25</p> <p>b. Does (NAME) want to work outside Indonesia? 1. Yes 2. No</p>																											
<p>V. D. ADDITIONAL WORK</p>																												
<p>18. What is (NAME)'s type of industry of the main additional work? FILL BY EDITOR</p> <p>..... <input type="checkbox"/><input type="checkbox"/><input type="checkbox"/><input type="checkbox"/><input type="checkbox"/> (WRITE AS COMPLETE AS POSSIBLE)</p>	<p>25. Has (NAME) ever had a job/do a business before? 1. Yes 2. No → STOP</p>																											
<p>V.E. LOOKING FOR JOB/ESTABLISHING A NEW BUSINESS/FIRM Q19 TO Q22 IS ASKED IF Q4=1 OR Q5=1</p>																												
<p>19. What is the main reason (NAME) of looking for a job/establishing a new business? 1. Completed/not enrol to school anymore 2. Responsible for making a living/supporting household financing 3. Additional income 4. Current job is unsuitable 5. Lay off job 6. Business collapse 7. Others (.....) WRITE DOWN</p>	<p>26. Did (NAME) stop working or move out into another job after 31 August 2007? 1. Yes 2. No → STOP</p>																											
<p>20. What is the main reason (NAME) of looking for a job/establishing a new business? 1. Completed/not enrol to school anymore 2. Responsible for making a living/supporting household financing 3. Additional income 4. Current job is unsuitable 5. Lay off job 6. Business collapse 7. Others (.....) WRITE DOWN</p>	<p>27. The main reason of stop working/move into another job after 31 August 2007 1. Lay off 2. Business collapse 3. Insufficient income 4. Unsuitable on working environment 5. Work contract have finished 6. Other (.....) WRITE COMPLETELY</p>																											
<p>21. Previous job main industry of (NAME) before stop working/move into another job? FILL BY EDITOR</p> <p>..... <input type="checkbox"/><input type="checkbox"/><input type="checkbox"/><input type="checkbox"/><input type="checkbox"/> (WRITE AS COMPLETE AS POSSIBLE)</p>	<p>28. Employment status of the previous job before (NAME) stop working or move into a new one? 1. Self employed 2. Self employed assisted by temporary/unpaid worker 3. Employer with permanent/paid workers 4. Employee 5. Casual employee in agriculture 6. Casual employee in non-agriculture 7. Unpaid worker</p>																											

Note:

2) Cross out inapplicable category, if = Q2 Block I then continue to R16.a.

5) Detail 23 Code 1: Reason for those who many times look for a job but haven't got one so that she/he feel to be impossible to get a job. Or those who feel because of situation/condition/season/weather, would never get their deserved jobs