

## Manpower Utilization Quasi-longitudinal Data : 2008-2009

### Code Book

ques.num.	variable name <sup>1</sup>	variable label	value label	note
	year	The survey year		
<b>Part I: Manpower</b>				
	area	Region	1. Taipei City 2. Taiwan Province 3. Kaohsiung City	
	stage	Stratum		
	prefid	County code	Refer to Appendix 1	
	sampleid	Sample code		
	hussize	Persons aged 15 years or over in each sampled household		
	memberid	Serial no. of interviewees in household	Householder is 1, and the others are filled by the household registration order.	
0	respstatus	Are questions answered by interviewees himself/herself ?	1. Yes, by himself/herself 2. Equivalent 3. No, proxy	
1	relahushead	Relationship to householder	01. Householder 02. Spouse 03. Child 04. Grandchild 05. Parent 06. Grandparent 07. Brother/Sister 08. Child's spouse 09. Grandchild's spouse 10. Brother's/Sister's spouse 11. Spouse's parent 12. Spouse's brother/sister 13. Other relatives 14. Others	
2	sex	Sex	1. Male 2. Female	
3	age	Current age in full years		
4	marital	Marital status	1. Never married 2. Married and cohabited 3. Divorced or separated 4. Widowed	
5-1	schoolstatus	Are you attending schools currently ?	1. Yes 2. No, had been graduated 3. No, had been suspended 4. No, never attended any school that is (was) approved by the ministry of education	

<sup>1</sup> Variables in the data file name by adding "\_1" and "\_2", "\_1" for the first phase of the data, "\_2" for the second phase of data.

ques.num.	variable name <sup>1</sup>	variable label	value label	note
5-2	edu	Educational attainment (highest)	01. Illiterate 02. Self-educated 03. Primary school 04. Junior high school 05. Senior high school 06. Vocational school 07. Junior college 08. University 09. Master's 10. Ph. D's	
6	discipline	Academic or professional specialty	01. Literature 02. Law 03. Business , management 04. Science 05. Engineering 06. Agriculture 07. Medical 08. Military and police 09. Education 10. Others	
7	retire	Did you retire from any public/private establishments before ? (Have you retire from any public/private establishments yet ? )	1. Yes 2. No	
8	work	What were you doing during most of last week ?	01. Undertaking a kind of work 02. Undertaking works after school hours 03. Undertaking works after housekeeping 04. Having a job but not at work 05. Jobless but seeking one or waiting for an offer after seeking 06. Intend and be able to work but not seeking 07. Attending schools or rebrushing to take entrance exams (mark (2) and (5) respectively, if working part-time or seeking jobs simultaneously) 08. Housekeeping (mark (3) or (5) respectively, if working part-time or seeking jobs simultaneously) 09. Old age (elders aged 65 or over) or disable 10. Idleness 11. Wound or illness 12. In armed force, prison or missing 13. Others	
9	a9	Were you undertaking any paid or unpaid family work last week ?	1. Undertaking work after school or housekeeping hours 2. Undertaking a kind of work 3. Having a job but not at work 4. Not undertaking any job	

ques.num.	variable name <sup>1</sup>	variable label	value label	note
10		How many hours did you work last week ?		
	workhour	For the major job: full time _____ hours		
	a10_1b	For the major job: part time _____ hours		
	a10_2a	For the secondary job : full time _____ hours		
	a10_2b	For the secondary job : part time _____ hours		
11	whyunderwork	Why did you work less than 35 hours last week ?	01. Unfavorable conditions of business 02. Fail to find any job which is higher than 35 hours 03. Seasonal reasons 04. Bad weather or natural calamities 05. Work itself only need less than 35 hours' efforts 06. Take care of children 07. Take care of elders 08. Busy in housekeeping 09. Busy in studying/attending school 10. Wound or illness, official holidays, personal leaves (sick leaves excluded), and special days off 11. Unwilling to work longer 12. Others	
12	incworkhour	Do you expect an increase of working hours ?	1. Yes 2. No	
13	whynotworking	Why were you absent from work last week ?	1. Wound of illness 2. Seasonal reasons 3. Official holidays, personal leaves (sick leaves excluded), and special days off 4. Decide to work shortly but no pay for that currently 5. Not at work resulted from accidents even though having employed and paid 6. Waiting for a recall 7. Others	
14	ifjobispaid	Did you earn any pay from work last week ?	1. Yes 2. No	
15	a15	If there is a job offer, can you take it at once ?	1. Yes 3. No, because of attending school or rebrushing to take entrance exams 4. No, because of housekeeping 5. No, because of old age (elders aged 65 or over) or disable 6. No, because of idleness 7. No, because of wound or illness 8. No, because of others	

ques.num.	variable name <sup>1</sup>	variable label	value label	note
16	How did you seek a job? (tick all that apply)			
(1)	jobsrh1	Referenced by relatives, friends or teachers	0.No 1.Yes	
(2)	jobsrh2	Through private employment agencies		
(3)	jobsrh3	Referring recruiting advertisements or posters		
(4)	jobsrh4	Through public employment offices		
(5)	jobsrh5	Through civil service exams and placement		
(6)	jobsrh6	Others		
17	srchp_fjob	Do you expect a full-time job (weekly work hours are 40 or more) or a part-time job (weekly work hours are less than 40) ?	1. A full-time job 2. A part-time job	
18	unemplen	How long did you take to seek a job or wait for a recall while you were jobless ? _____ weeks	99. Over 99 weeks	
19	primaryworker	Did you have a job before ?	1. Yes 2. No	
20	whyunemp	What was the main reason you left the last job mentioned in Q.19 ?	1. Business shrunk or establishment closed 2. Not satisfied with that job 3. Ill health 4. Seasonal or temporary work of that job finished 5. Got married or gave birth (if interviewee is female) 6. Retired 7. Busy in housekeeping 8. Others	
21	What is the main workplace you are/were in ?			
	workpref	county code	Refer to Appendix 1	
(1)	worktown	Location	Refer to Appendix 2	
(2)	indu	Major products or business	Refer to Appendix 3	
(3)	indusize	Number of employees	1. 1 person 2. 2-9 persons 3. 10-29 persons 4. 30-49 persons 5. 50-99 persons 6. 100-199 persons 7. 200-499 persons 8. 500 persons or more 9. Government organization	
21	a21_b2	What is the secondary workplace you are/were in ? (2) Major products or business	Refer to Appendix 3	
22	occu	What is/was your duty in the main workplace mentioned in Q.21 ? A. Description of the major job	Refer to Appendix 4	
	a22_b	What is/was your duty in the main workplace mentioned in Q.21 ? B. Description of the secondary job		
23	What is/was the class of workers you are/were in for the undertaken work ?			

ques.num.	variable name <sup>1</sup>	variable label	value label	note
23	workstus	A. For the major job	1. Employer 2. Own-account worker 3. Government employee 4. Private-sector employee 5. Unpaid family worker	
	a23_b	B. For the secondary job		
<b>Part II : Manpower Utilization</b>				
1	income	How much monthly income did you earn from your major job? Monthly income: NT\$ _____	000001. Financial deficiency 999999. NT\$999,999 and over	
2	b2_a	A. Do you work full-time or part-time at your main job?	1. Full-time 2. Part-time	
	b2_b	B. How many hours per week do you usually work in average? _____ Hours		
	b2_c	C. Is it a temporary or dispatched work or not?	1. Yes 2. No	
3	How long have you worked at the present place? Duration of present employment			
	cjobyear	_____ Years		
	cjobmonth	_____ Months		
4	b4	Before working at the present place, had you ever taken a gainful job or and unpaid family work for at least three months?	1. Yes, ever 2. No, never	
5	nochgjob	How many times have your working places been changed in 2007/2008?	0. None 1. Once 2. Twice 3. Three times or more	
6	Where was the place you previously worked and what sort of work did you mainly do up there ?			
	pworkpref	A. Major working site: County code	Refer to Appendix 1	
	pworktown	A. Major working site: (1) Location	Refer to Appendix 2	
	pindu	A. Major working site: (2) Major products or business	Refer to Appendix 3	
	pindusize	A. Major working site: (3) Number of employees	1. 1 person 2. 2-9 persons 3. 10-29 persons 4. 30-49 persons 5. 50-99 persons 6. 100-199 persons 7. 200-499 persons 8. 500 persons or more 9. Government organization	
	poccu	B. Description of this major job	Refer to Appendix 4	
	b6_c	C. Is it a part-time, temporary or dispatched work or not ?	1. Yes 2. No	
7	whyquitjob	Why did you leave the place where you previously worked ?	01. Own account worker (or employer) transfers to another job 02. Unpaid family worker transfers to another job 03. Employee who willingly left his/her last job: Low pay 04. Employee who willingly left his/her last job: Expect to change working place 05. Employee who willingly left	

ques.num.	variable name <sup>1</sup>	variable label	value label	note
			his/her last job: Inadequate working time 06.Employee who willingly left his/her last job: No job security 07.Employee who willingly left his/her last job: Poor working environment 08.Employee who willingly left his/her last job: Knowledge not met the job's need 09.Employee who willingly left his/her last job: Dim prospect 10.Employee who willingly left his/her last job: Ill health 11.Employee who willingly left his/her last job: Female employee getting married or giving birth 12.Employee who willingly left his/her last job: Voluntarily retired 13.Employee who willingly left his/her last job: Establish self own business/enterprise 14.Employee who willingly left his/her last job: Others 15.Employee who unwillingly left his/her last job: Workplace shutout or business downsize 16.Employee who unwillingly left his/her last job: Seasonal or temporary job completed 17.Employee who unwillingly left his/her last job: Layoff because of personnel reorganization in last workplace 18.Employee who unwillingly left his/her last job: Female employee getting married or giving birth 19.Employee who unwillingly left his/her last job: Relocated across workplaces but within enterprise 20.Employee who unwillingly left his/her last job: Mandatorily retired 21.Employee who unwillingly left his/her last job: Others	
8	waygetcjob	How did you get the present job?	01.Introduced by relatives/friends or teachers 02.Through employment service offices in schools 03.Through public employment service agencies 04.Through private employment	

ques.num.	variable name <sup>1</sup>	variable label	value label	note
			agencies 05.Through labor unions 06.Referring advertisements or posters 07.Passed government exams and joined placements for civil service 08.Relocated across workplaces but within enterprise 09. Self/family own business 10. Others	
9	inttochgjob	Do you expect to change job or add an additional job in the meantime?	1. Expect to change job 2. Expect to add an additional job 3. Not expected to seek another job	
10	startsrhjob	Have you begun to seek a job?	1. Yes, I have 2. No, I have not	
11	expoccu	A. What kind of job do you expect to find? Your expected job title	Refer to Appendix 4	
	expincome	B. How much monthly pay do you expect?		
	b11_c	C. Is it a part-time, temporary or dispatched work or not?	1. Yes 2. No	
12	Did you encounter any job opportunity while you were seeking?			
	havingjobpp	A. Yes. What was the main reason that you did not go for it?	1. Pay too low 2. Unpreferable working location 3. Poor working environment 4. Inadequate working hours 5. Knowledge can't meet the job's need 6. Dim prospect 7. Not matching personal interests 8. Others	
	b12_a2	A. Yes. What was the secondary reason that you did not go for it?		
	b12_a3	A. Yes. What was the sub-secondary reason that you did not go for it?		
	nojobopp	B. No. What was the major difficulty that you faced in job seeking?	1. Interviewee's expertise unfitted to job openings 2. Interviewee's educational attainment unfitted to job openings 3. Age limit imposed on job openings 4. Sex status restricted on job openings 5. Language barrier 6. Marital status restricted on job openings 7. Job feature unfitted 8. Others	
	b12_b2	B. No. What was the secondary difficulty that you faced in job seeking?		
b12_b3	B. No. What was the sub-secondary difficulty that you faced in job seeking?			
13	livcostsrc	What did you depend on for living while seeking a job?	1. Personal savings 2. Family supports 3. Layoff settlement or pension 4.Unemployment insurance or other unemployment allowances from government 5. Loans or other sources	

ques.num.	variable name <sup>1</sup>	variable label	value label	note
14	b14_1	Were you employed more than 3 months or worked as an unpaid family worker in 2007/2008? What is your job title?	Refer to Appendix 4	
	b14_2	Were you employed more than 3 months or worked as an unpaid family worker in 2007/2008?	2. No	
15	b15	Why did you quit your job? (Unpaid family workers skip this question)	1. Attending schools or rebrushing to take entrance exams 2. Housekeeping 3. Female employee getting married or giving birth 4. Family finance getting better 5. Wound or illness 6. Retired 7. Seasonal or temporary job completed 8. Workplace shutout or business downsize 9. Others	
16	b16	Did you seek for a job in 2007/2008? Why did you stop seeking?	1. Yes. Believes no job available in the market . 2. Yes. Lacks necessary schooling, training, skills or experiences etc., couldn't find any job. 3. Yes. Other reasons, so stop seeking. 4. No. Not sought yet in 2007/2008	
17	If the work condition (pay, working site, working hours, working environment and so on) of a job ideally meet your requirement, are you willing to work?			
	b17_a1	A. Yes, expected job title	Refer to Appendix 4	
	b17_a2	A. Yes, expected working location	Refer to Appendix 2	
	b17_a3	A. Yes, expected monthly pay		
	b17_a4	A. Yes, expected job type	1. Full-time job 2. Part-time job	
	b17_a5	A. Yes, to work as a temporary or dispatched worker	1. Yes 2. No	
	b17_b	B. No. Why not to work?	1. Female employee getting married or giving birth 2. Family finance is good enough, no need to work 3. Responsibility in taking care of family members 4. Ill health, wound or illness 5. Attending schools or rebrushing to take entrance exams 6. Waiting for conscription 7. Helping hands given to family business 8. Others	
18	How many children do you have? A. Have children:			
	b18_a1	children aged under 3 years: _____ persons		

ques.num.	variable name <sup>1</sup>	variable label	value label	note
18	b18_a2	children aged 3-6 years: _____ persons		
	b18_a3	children aged 6-15 years: _____ persons		
	b18_a4	children aged 15-18 years: _____ persons		
	b18_a5	children aged over 18 years: _____ persons		
	havingchild	How many children do you have?	1. No children yet 2. Have children	Married or cohabiting women have been answered.
	weight	Weight		
	newjobopp	Do you have new job opportunity?	1.Yes 2.No	Created variable
	cjobseniority	Job tenure	cjobyear+cjobmonth/12	
	adjwei_1	Phase I expansion of the weighted		
	adjwei_2	Phase II expansion of the weighted		
	avgadjwei	The weighted average of Phase I and Phase II		

## Appendix 1 County Code

- 01 Taipei County
- 02 Yilan County
- 03 Taoyuan County
- 04 Hsinchu County
- 05 Miaoli County
- 06 Taichung County
- 07 Changhua County
- 08 Nantou County
- 09 Yunlin County
- 10 Chiayi County
- 11 Tainan County
- 12 Kaohsiung County
- 13 Pingtung County
- 14 Taitung County
- 15 Hualien County
- 16 Penghu County
- 17 Keelung City
- 18 Hsinchu City
- 19 Taichung City
- 20 Chiayi City
- 21 Tainan City
- 63 Taipei City
- 64 Kaohsiung City
- 65 Kinmen County and Matsu County
- 66 Mainland China (including Hong Kong and Macao)
- 67 Foreign Area

## Appendix 2 Townships Code

0000	Skip or N/A	0203	Suao Township, Yilan County	0406	Sinfong Township, Hsinchu County
0100	Taipei County	0204	Toucheng Township, Yilan County	0407	Cyonglin Township, Hsinchu County
0101	Banciao City, Taipei County	0205	Jiaosi Township, Yilan County	0408	Hengshan Township, Hsinchu County
0102	Sanchong City, Taipei County	0206	Jhuangwei Township, Yilan County	0409	Beipu Township, Hsinchu County
0103	Jhonghe City, Taipei County	0207	Yuanshan Township, Yilan County	0410	Baoshan Township, Hsinchu County
0104	Yonghe City, Taipei County	0208	Dongshan Township, Yilan County	0411	Emei Township, Hsinchu County
0105	Sinhuang City, Taipei County	0209	Wujie Township, Yilan County	0412	Jianshih Township, Hsinchu County
0106	Sindian City, Taipei County	0210	Sansing Township, Yilan County	0413	Wufong Township, Hsinchu County
0107	Shulin City, Taipei County	0211	Datong Township, Yilan County	0500	Miaoli County
0108	Yingge Township, Taipei County	0212	Nanao Township, Yilan County	0501	Miaoli City, Miaoli County
0109	Sansia Township, Taipei County	0300	Taoyuan County	0502	Yuanli Township, Miaoli County
0110	Danshuei Township, Taipei County	0301	Taoyuan City, Taoyuan County	0503	Tongsiao Township, Miaoli County
0111	Sijhih City, Taipei County	0302	Jhongli City, Taoyuan County	0504	Jhunan Township, Miaoli County
0112	Rueifang Township, Taipei County	0303	Dasi Township, Taoyuan County	0505	Toufen Township, Miaoli County
0113	Tucheng City, Taipei County	0304	Yangmei Township, Taoyuan County	0506	Houlong Township, Miaoli County
0114	Lujhou City, Taipei County	0305	Lujhu Township, Taoyuan County	0507	Jhuolan Township, Miaoli County
0115	Wugu Township, Taipei County	0306	Dayuan Township, Taoyuan County	0508	Dahu Township, Miaoli County
0116	Taishan Township, Taipei County	0307	Gueishan Township, Taoyuan County	0509	Gongguan Township, Miaoli County
0117	Linkou Township, Taipei County	0308	Bade City, Taoyuan County	0510	Tongluo Township, Miaoli County
0118	Shenkeng Township, Taipei County	0309	Longtan Township, Taoyuan County	0511	Nanjhuang Township, Miaoli County
0119	Shihding Township, Taipei County	0310	Pingjhen City, Taoyuan County	0512	Touwu Township, Miaoli County
0120	Pinglin Township, Taipei County	0311	Sinwu Township, Taoyuan County	0513	Sanyi Township, Miaoli County
0121	Sanjihh Township, Taipei County	0312	Guanyin Township, Taoyuan County	0514	Sihu Township, Miaoli County
0122	Shihmen Township, Taipei County	0313	Fusing Township, Taoyuan County	0515	Zaociao Township, Miaoli County
0123	Bali Township, Taipei County	0400	Hsinchu County	0516	Sanwan Township, Miaoli County
0124	Pingsi Township, Taipei County	0401	Jhubei City, Hsinchu County	0517	Shihtan Township, Miaoli County
0125	Shuangsi Township, Taipei County	0402	Jhudong Township, Hsinchu County	0518	Taian Township, Miaoli County
0126	Gongliao Township, Taipei County	0403	Sinpu Township, Hsinchu County	0600	Taichung County
0127	Jinshan Township, Taipei County	0404	Guansi Township, Hsinchu County	0601	Fongyuan City, Taichung County
0128	Wanli Township, Taipei County	0405	Hukou Township, Hsinchu County	0602	Dongshih Township, Taichung County
0129	Wulai Township, Taipei County				
0200	Yilan County				
0201	Yilan City, Yilan County				
0202	Luodong Township, Yilan County				

0603	Dajia Township, Taichung County	0713	Dacun Township, Changhua County	0905	Tuku Township, Yunlin County
0604	Cingshuei Township, Taichung County	0714	Puyan Township, Changhua County	0906	Beigang Township, Yunlin County
0605	Shalu Township, Taichung County	0715	Pusin Township, Changhua County	0907	Gukeng Township, Yunlin County
0606	Wuci Township, Taichung County	0716	Yongjing Township, Changhua County	0908	Dabi Township, Yunlin County
0607	Houli Township, Taichung County	0717	Shetou Township, Changhua County	0909	Cihtong Township, Yunlin County
0608	Shengang Township, Taichung County	0718	Ershuei Township, Changhua County	0910	Linnei Township, Yunlin County
0609	Tanzih Township, Taichung County	0719	Beidou Township, Changhua County	0911	Erlun Township, Yunlin County
0610	Daya Township, Taichung County	0720	Erlin Township, Changhua County	0912	Lunbei Township, Yunlin County
0611	Sinshe Township, Taichung County	0721	Tianwei Township, Changhua County	0913	Mailiao Township, Yunlin County
0612	Shihgang Township, Taichung County	0722	Beitou Township, Changhua County	0914	Dongshih Township, Yunlin County
0613	Waipu Township, Taichung County	0723	Fangyuan Township, Changhua County	0915	Baojhong Township, Yunlin County
0614	Daan Township, Taichung County	0724	Dacheng Township, Changhua County	0916	Taisi Township, Yunlin County
0615	Wurih Township, Taichung County	0725	Jhutang Township, Changhua County	0917	Yuanchang Township, Yunlin County
0616	Dadu Township, Taichung County	0726	Sijhou Township, Changhua County	0918	Sihhu Township, Yunlin County
0617	Longjing Township, Taichung County	0800	Nantou County	0919	Kouhu Township, Yunlin County
0618	Wufong Township, Taichung County	0801	Nantou City, Nantou County	0920	Shueilin Township, Yunlin County
0619	Taiping City, Taichung County	0802	Puli Township, Nantou County		
0620	Dali City, Taichung County	0803	Caotun Township, Nantou County	1000	Chiayi County
0621	Heping Township, Taichung County	0804	Jhushan Township, Nantou County	1001	Taibao City, Chiayi County
0700	Changhua County	0805	Jiji Township, Nantou County	1002	Puzih City, Chiayi County
0701	Changhua City, Changhua County	0806	Mingjian Township, Nantou County	1003	Budai Township, Chiayi County
0702	Lugang Township, Changhua County	0807	Lugu Township, Nantou County	1004	Dalin Township, Chiayi County
0703	Hemei Township, Changhua County	0808	Jhongliao Township, Nantou County	1005	Minsyong Township, Chiayi County
0704	Siansi Township, Changhua County	0809	Yuchih Township, Nantou County	1006	Sikou Township, Chiayi County
0705	Shengang Township, Changhua County	0810	Guosing Township, Nantou County	1007	Singang Township, Chiayi County
0706	Fusing Township, Changhua County	0811	Shueili Township, Nantou County	1008	Lioujjiao Township, Chiayi County
0707	Sioushuei Township, Changhua County	0812	Sinyi Township, Nantou County	1009	Dongshih Township, Chiayi County
0708	Huatan Township, Changhua County	0813	Renai Township, Nantou County	1010	Yijhu Township, Chiayi County
0709	Fenyuan Township, Changhua County	0900	Yunlin County	1011	Lucao Township, Chiayi County
0710	Yuanlin Township, Changhua County	0901	Douliou City, Yunlin County	1012	Shueishang Township, Chiayi County
0711	Sihu Township, Changhua County	0902	Dounan Township, Yunlin County	1013	Jhongpu Township, Chiayi County
0712	Tianjhong Township, Changhua County	0903	Huwei Township, Yunlin County	1014	Jhuci Township, Chiayi County
		0904	Siluo Township, Yunlin County	1015	Meishan Township, Chiayi County

1016	Fanlu Township, Chiayi County	1129	Guanmiao Township, Tainan County	1301	Pingtung City, Pingtung County
1017	Dapu Township, Chiayi County	1130	Longci Township, Tainan County	1302	Chaozhou Township, Pingtung County
1018	Alishan Township, Chiayi County	1131	Yongkang City, Tainan County	1303	Donggang Township, Pingtung County
1100	Tainan County	1200	Kaohsiung County	1304	Hengchun Township, Pingtung County
1101	Sinying City, Tainan County	1201	Fongshan City, Kaohsiung County	1305	Wandan Township, Pingtung County
1102	Yanshuei Township, Tainan County	1202	Linyuan Township, Kaohsiung County	1306	Changjhih Township, Pingtung County
1103	Baihe Township, Tainan County	1203	Daliao Township, Kaohsiung County	1307	Linluo Township, Pingtung County
1104	Liouying Township, Tainan County	1204	Dashu Township, Kaohsiung County	1308	Jiouru Township, Pingtung County
1105	Houbi Township, Tainan County	1205	Dashe Township, Kaohsiung County	1309	Ligang Township, Pingtung County
1106	Dongshan Township, Tainan County	1206	Renwu Township, Kaohsiung County	1310	Yanpu Township, Pingtung County
1107	Madou Township, Tainan County	1207	Niaosong Township, Kaohsiung County	1311	Gaoshu Township, Pingtung County
1108	Siaying Township, Tainan County	1208	Gangshan Township, Kaohsiung County	1312	Wanluan Township, Pingtung County
1109	Lioujia Township, Tainan County	1209	Ciaotou Township, Kaohsiung County	1313	Neipu Township, Pingtung County
1110	Guantian Township, Tainan County	1210	Yanchao Township, Kaohsiung County	1314	Jhutian Township, Pingtung County
1111	Danei Township, Tainan County	1211	Tianliao Township, Kaohsiung County	1315	Sinbi Township, Pingtung County
1112	Jiali Township, Tainan County	1212	Alian Township, Kaohsiung County	1316	Fangliao Township, Pingtung County
1113	Syuejia Township, Tainan County	1213	Lujhu Township, Kaohsiung County	1317	Sinyuan Township, Pingtung County
1114	Sigang Township, Tainan County	1214	Hunei Township, Kaohsiung County	1318	Kanding Township, Pingtung County
1115	Cigu Township, Tainan County	1215	Jiading Township, Kaohsiung County	1319	Linbian Township, Pingtung County
1116	Jiangjyun Township, Tainan County	1216	Yongan Township, Kaohsiung County	1320	Nanjhou Township, Pingtung County
1117	Beimen Township, Tainan County	1217	Mituo Township, Kaohsiung County	1321	Jiadong Township, Pingtung County
1118	Sinhua Township, Tainan County	1218	Zihguan Township, Kaohsiung County	1322	Liouciou Township, Pingtung County
1119	Shanhua Township, Tainan County	1219	Cishan Township, Kaohsiung County	1323	Checheng Township, Pingtung County
1120	Sinshih Township, Tainan County	1220	Meinong Township, Kaohsiung County	1324	Manjhou Township, Pingtung County
1121	Anding Township, Tainan County	1221	Liouguei Township, Kaohsiung County	1325	Fangshan Township, Pingtung County
1122	Shanshang Township, Tainan County	1222	Jiasian Township, Kaohsiung County	1326	Sandimen Township, Pingtung County
1123	Yujing Township, Tainan County	1223	Shanlin Township, Kaohsiung County	1327	Wutai Township, Pingtung County
1124	Nansi Township, Tainan County	1224	Neimen Township, Kaohsiung County	1328	Majia Township, Pingtung County
1125	Nanhua Township, Tainan County	1225	Maolin Township, Kaohsiung County	1329	Taiwu Township, Pingtung County
1126	Zuojhen Township, Tainan County	1226	Taoyuan Township, Kaohsiung County	1330	Laiyi Township, Pingtung County
1127	Rende Township, Tainan County	1227	Sanmin Township, Kaohsiung County	1331	Chunrih Township, Pingtung County
1128	Gueiren Township, Tainan County	1300	Pingtung County		

1332	Shihzih Township, Pingtung County	1513	Jhuosi Township, Hualien County	6309	Nangang Dist., Taipei City
1333	Mudan Township, Pingtung County	1600	Penghu County	6310	Neihu Dist., Taipei City
1400	Taitung County	1601	Magong City, Penghu County	6311	Shihlin Dist., Taipei City
1401	Taitung City, Taitung County	1602	Husi Township, Penghu County	6312	Beitou Dist., Taipei City
1402	Chenggong Township, Taitung County	1603	Baisha Township, Penghu County	6400	Kaohsiung City
1403	Guanshan Township, Taitung County	1604	Siyu Township, Penghu County	6401	Yancheng Dist., Kaohsiung City
1404	Beinan Township, Taitung County	1605	Wangan Township, Penghu County	6402	Gushan Dist., Kaohsiung City
1405	Luye Township, Taitung County	1606	Cimei Township, Penghu County	6403	Zuoying Dist., Kaohsiung City
1406	Chihshang Township, Taitung County	1700	Keelung City	6404	Nanzih Dist., Kaohsiung City
1407	Donghe Township, Taitung County	1701	Jhongheng Dist., Keelung City	6405	Sanmin Dist., Kaohsiung City
1408	Changbin Township, Taitung County	1702	Cidu Dist., Keelung City	6406	Sinsing Dist., Kaohsiung City
1409	Taimali Township, Taitung County	1703	Nuannuan Dist., Keelung City	6407	Cianjin Dist., Kaohsiung City
1410	Dawu Township, Taitung County	1704	Renai Dist., Keelung City	6408	Lingya Dist., Kaohsiung City
1411	Lyudao Township, Taitung County	1705	Jhongshan Dist., Keelung City	6409	Cianjhen Dist., Kaohsiung City
1412	Haiduan Township, Taitung County	1706	Anle Dist., Keelung City	6410	Cijin Dist., Kaohsiung City
1413	Yanping Township, Taitung County	1707	Sinyi Dist., Keelung City	6411	Siaogang Dist., Kaohsiung City
1414	Jinfong Township, Taitung County	1800	Hsinchu City	6500	Kinmen County 、Matsu
1415	Daren Township, Taitung County	1801	East Dist., Hsinchu City	6600	China 、Hong kong 、Macau Area
1416	Lanyu Township, Taitung County	1802	North Dist., Hsinchu City	6700	Foreign Area
1500	Hualien County	1803	Siangshan Dist., Hsinchu City	7101	Nangan Township, Lienchiang County
1501	Hualien City, Hualien County	1900	Taichung City	7102	Beigan Township, Lienchiang County
1502	Fonglin Township, Hualien County	1901	Central Dist., Taichung City	7103	Jyuguang Township, Lienchiang County
1503	Yuli Township, Hualien County	1902	East Dist., Taichung City	7104	Dongyin Township, Lienchiang County
1504	Sincheng Township, Hualien County	1903	South Dist., Taichung City	7201	Jincheng Township, Kinmen County
1505	Jian Township, Hualien County	1904	West Dist., Taichung City	7202	Jinsha Township, Kinmen County
1506	Shoufong Township, Hualien County	1905	North Dist., Taichung City	7203	Jinhu Township, Kinmen County
1507	Guangfu Township, Hualien County	1906	Situn Dist., Taichung City	7204	Jinning Township, Kinmen County
1508	Fongbin Township, Hualien County	1907	Nantun Dist., Taichung City	7205	Lieyu Township, Kinmen County
1509	Rueisuei Township, Hualien County	1908	Beitun Dist., Taichung City	7206	Wuciou Township, Kinmen County
1510	Fuli Township, Hualien County	2000	Chiayi City		
1511	Sioulin Township, Hualien County	2001	East Dist., Chiayi City		
1512	Wanrong Township, Hualien County	2002	West Dist., Chiayi City		
		2100	Tainan City		
		2101	East Dist., Tainan City		
		2102	South Dist., Tainan City		
		2104	North Dist., Tainan City		
		2106	Annan Dist., Tainan City		
		2107	Anping Dist., Tainan City		
		2108	West Central Dist., Tainan City		
		6300	Taipei City		
		6301	Songshan Dist., Taipei City		
		6302	Sinyi Dist., Taipei City		
		6303	Daan Dist., Taipei City		
		6304	Jhongshan Dist., Keelung City		
		6305	Jhongheng Dist., Taipei City		
		6306	Datong Dist., Taipei City		
		6307	Wanhua Dist., Taipei City		
		6308	Wunshan Dist., Taipei City		

### Appendix 3 Industry code

01	Agriculture and Animal Husbandry	52	Support Activities for Transportation
02	Forestry	53	Warehousing and Storage
03	Fishing	54	Postal and Courier Activities
05	Extraction of Crude Petroleum and Natural Gas	55	Accommodation
06	Quarrying of Stone, Sand and Clay	56	Food and Beverage Service Activities
07	Other Mining and Quarrying	58	Publishing Activities
08	Manufacture of Food Products	59	Motion Picture, Video and Television Programme Production, Sound Recording and Music Publishing Activities
09	Manufacture of Beverages	60	Programming and Broadcasting Activities
10	Manufacture of Tobacco Products	61	Telecommunications
11	Manufacture of Textiles	62	Computer Systems Design Services
12	Manufacture of Wearing Apparel and Clothing Accessories	63	Information Service Activities
13	Manufacture of Leather, Fur and Related Products	64	Financial Intermediation
14	Manufacture of Wood and of Products of Wood and Bamboo	65	Insurance
15	Manufacture of Paper and Paper Products	66	Securities, Futures and other Financing
16	Printing and Reproduction of Recorded Media	67	Real Estate Development Activities
17	Manufacture of Petroleum and Coal Products	68	Real Estate Operation and Related Activities
18	Manufacture of Chemical Material	69	Legal and Accounting Activities
19	Manufacture of Chemical Products	70	Activities of Head Offices; Management Consultancy Activities
20	Manufacture of Pharmaceuticals and Medical Chemical Products	71	Architecture and Engineering Activities; Technical Testing and Analysis
21	Manufacture of Rubber Products	72	Scientific Research and Development
22	Manufacture of Plastics Products	73	Advertising and Market Research
23	Manufacture of Other Non-metallic Mineral Products	74	Specialized Design Activities
24	Manufacture of Basic Metals	75	Veterinary Activities
25	Manufacture of Fabricated Metal Products	76	Other Professional, Scientific and Technical Activities
26	Manufacture of Electronic Parts and Components	77	Rental and Leasing Activities
27	Manufacture of Computers, Electronic and Optical Products	78	Employment Activities
28	Manufacture of Electrical Equipment	79	Travel agency, Tour Operator, Reservation Service and Related Activities
29	Manufacture of Machinery and Equipment	80	Security and Investigation Activities
30	Manufacture of Motor Vehicles and Parts	81	Services to Buildings and Landscape Activities
31	Manufacture of Other Transport Equipment and Parts	82	Business and Office Support Activities
32	Manufacture of Furniture	83	Public Administration and Defence; Compulsory Social Security
33	Other Manufacturing	84	Activities of Extraterritorial Organizations and Bodies
34	Repair and Installation of Industrial Machinery and Equipment	85	Education
35	Electricity and Gas Supply	86	Human Health Activities
36	Water Supply	87	Residential Care Activities
37	Wastewater (Sewage) Treatment	88	Social Work Activities without Accommodation
38	Waste Collection, Treatment and Disposal Activities; Materials Recovery	90	Creative, Arts and Entertainment Activities
39	Remediation Activities and Other Waste Management Services	91	Libraries, Archives, Museums and Other Cultural Activities
41	Construction of Buildings	92	Gambling and Betting Activities
42	Civil Engineering	93	Sports Activities and Amusement and Recreation Activities
43	Specialized Construction Activities	94	Activities of Membership Organizations
45	Wholesale Trade	95	Maintenance and Repair of Personal and Household Goods
46	Wholesale Trade	96	Other Personal Service Activities
47	Retail Trade		
48	Retail Trade		
49	Land Transportation		
50	Water Transportation		
51	Air Transportation		

## Appendix 4 Occupation Code

- 01 Servicemen
- 11 Legislators and Government Administrators
- 12 Directors and Chief Executives
- 13 Production and Operations Managers
- 19 Other Managers
- 21 Physical, Mathematical and Engineering Science Professionals
- 22 Biological Science and Health Professionals
- 23 Teachers
- 24 Accountants and Business Professionals
- 25 Lawyers and Legal Professionals
- 26 Social Science and Related Professionals
- 29 Other Professionals
- 31 Physical and Engineering Science Associate Professionals
- 32 Biological Science and Health Associate Professionals
- 33 Teaching and Related Associate Professionals
- 34 Finance and Business Services Associate Professionals
- 35 Government Administrative Officials and Business Clerical Supervisors
- 36 Administrative Associate Professionals
- 37 Customs, Tax and Related Government Associate Professionals
- 39 Other Associate Professionals
- 41 Office Clerks
- 42 Customer Services Clerks
- 51 Personal Services Workers
- 52 Protective Services Workers
- 53 Models, Salespersons and Demonstrators
- 60 Agricultural, Animal Husbandry, Forestry and Fishing Workers
- 71 Extraction and Building Trades Workers
- 72 Metal, Machinery and Related Trades Workers
- 73 Precision, Handicraft, Printing and Related Trades Workers
- 79 Other Craft and Related Trades Workers
- 81 Stationary-plant and Related Operators
- 82 Machine Operators
- 83 Assemblers
- 84 Drivers and Mobile-plant Operators
- 91 Sales and Services Elementary Occupations
- 92 Production Laborers and Related Workers
- 99 Other Elementary Occupations