

## Manpower Utilization Survey, 1990

### Code Book

ques. num.	variable name	card/ column	variable label	value label	note
	id	1/1-17	Sample code		string
	area	1/1-1	Region	1. Taipei City 2. Taiwan Province 3. Kaohsiung City	
	stage	1/2-3	Stratum		
	county	1/4-5	County code	Refer to Appendix 1	
	town	1/6-10	Virtual townships code		
	id1	1/11-13	Household		
	no	1/14-15	Persons aged 15 years or over in each sampled household		
	id2	1/16-17	Serial no. of interviewees in household		
<b>Part I : Manpower</b>					
0	a0	1/18	Are questions answered by interviewees himself/herself ?	1. Yes, by himself/herself 2. Equivalent 3. No, proxy	
1	a1	1/19-20	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'/Sister' spouse 11. Spouse's parent 12. Spouse's brother/sister 13. Other relatives 14. Others	
2	a2	1/21	Sex	1. Male 2. Female	

ques. num.	variable name	card/ column	variable label	value label	note
3	a3	1/22-24	Current age in full years		
4	a4	1/25	Marital status	<ul style="list-style-type: none"> <li>1. Never married</li> <li>2. Married and cohabited</li> <li>3. Divorced or separated</li> <li>4. Widowed</li> </ul>	
5	a5	1/26	Educational attainment (highest)	<ul style="list-style-type: none"> <li>01. Illiterate (skip to Q7)</li> <li>02. Self-educated (skip to Q7)</li> <li>03. Primary school (skip to Q7)</li> <li>04. Junior high school (skip to Q7)</li> <li>05. Senior high school (skip to Q7)</li> <li>06. Vocational school (go to Q6)</li> <li>07. Junior college (go to Q6)</li> <li>08. University (go to Q6)</li> <li>09. Master's (go to Q6)</li> </ul>	
6	a6	1/27-28	Academic or professional specialty	<ul style="list-style-type: none"> <li>00. Skip or N/A (go to Q7)</li> <li>01. Literature (go to Q7)</li> <li>02. Law (go to Q7)</li> <li>03. Business (go to Q7)</li> <li>04. Science (go to Q7)</li> <li>05. Engineering (go to Q7)</li> <li>06. Agriculture (go to Q7)</li> <li>07. Medical (go to Q7)</li> <li>08. Military and police (go to Q7)</li> <li>09. Education (go to Q7)</li> <li>10. Others (go to Q7)</li> </ul>	
7	a7	1/29-30	What were you doing during most of last week ?	<ul style="list-style-type: none"> <li>01. Undertaking a kind of work (go to Q8)</li> <li>02. Undertaking works after school hours (go to Q8)</li> <li>03. Undertaking works after housekeeping (go to Q8)</li> <li>04. Having a job but not at work (skip to Q11)</li> <li>05. Jobless but seeking one or waiting for an offer after seeking (skip to Q14)</li> <li>06. Intend and be able to work but not seeking (skip to Q13)</li> </ul>	

ques. num.	variable name	card/ column	variable label	value label	note
				07. Attending schools or rebrushing to take entrance exams (mark (2), if working part-time) (skip to Q37) 08. Housekeeping (mark (3), if working part-time) (skip to Q37) 09. Old age (elders aged 65 or over) or disable (skip to Q41) 10. In armed force, prison or missing (stop) 11. Others (skip to Q37)	
8	How many hours did you work last week ?				
	a8_1a	1/31-33	(1) For the major job : A. paid job _____hours	0. Skip or N/A	If total hours less than 40, go to Q9; otherwise, skip to Q19
	a8_1b	1/34-36	(1) For the major job : B. unpaid family job__hours		
	a8_2a	1/37-38	(2) For the secondary job : A. paid job _____hours		
	a8_2b	1/39-40	(2) For the secondary job : B. unpaid family job__hours		
	a8_3	1/41-43	(3) _____ hours		
9	a9	1/44-45	Why did you work less than 40 hours last week ?	00. Skip or N/A 01. Busy in housekeeping (skip to Q19) 02. Busy in studying (skip to Q19) 03. Unwilling to work longer (skip to Q19) 04. Wound or illness (skip to Q19) 05. Official holidays, personal leaves (sick leaves excluded), and special days off (go to Q10) 06. Seasonal reasons (go to Q10) 07. Work itself only need less than 40 hours' efforts (go to Q10) 08. Unfavorable conditions of business (go to Q10) 09. Bad weather or natural calamities (go to Q10) 10. Others (go to Q10)	
10	a10	1/46	Do you expect an increase of	0. Skip or N/A	

ques. num.	variable name	card/ column	variable label	value label	note
			working hours ?	1. Yes (skip to Q19) 2. No (skip to Q19)	
11	a11	1/47	Why were you absent from work last week ?	0. Skip or N/A 1. Wound of illness (skip to Q19) 2. Seasonal reasons (skip to Q19) 3. Official holidays, personal leaves (sick leaves excluded), and special days off (skip to Q19) 4. Decide to work shortly but no pay for that currently (skip to Q16) 5. Not at work resulted from accidents even though having employed and paid (skip to Q19) 6. Waiting for a recall (go to Q12) 7. Others (skip to Q19)	
12	a12	1/48	Did you earn any pay from work last week ?	0. Skip or N/A 1. Yes (skip to Q19) 2. No (skip to Q16)	
13	a13	1/49	If there is a job offer, can you take it at once ?	0. Skip or N/A 1. Yes (skip to Q37) 3. No, because of attending school (skip to Q37) 4. No, because of housekeeping (skip to Q37) 5. No, because of old age (elders aged 65 or over) or disable (skip to Q41) 6. No, because of others (skip to Q37)	
14	a14_1	1/50	How did you seek a job ?	0. Skip or N/A	multiple choices
	a14_2	1/51	How did you seek a job ?	1. Referenced by relatives, friends or teachers (go to Q15)	
	a14_3	1/52	How did you seek a job ?	2. Through private employment agencies (go to Q15)	
	a14_4	1/53	How did you seek a job ?	3. Referring recruiting advertisements or posters (go to Q15)	
	a14_5	1/54	How did you seek a job ?	4. Through public employment offices (go to Q15)	
	a14_6	1/55	How did you seek a job ?		

ques. num.	variable name	card/ column	variable label	value label	note
				5. Through civil service exams and placement (go to Q15) 6. Others (go to Q15)	
15	a15	1/56	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)?	0. Skip or N/A 1. A full-time job (go to Q16) 2. A part-time job (go to Q16)	
16	a16	1/57-58	How long did you take to seek a job or wait for a recall while you were jobless ? _____weeks(go to Q17)	00. Skip or N/A 99. Over 99 weeks	
17	a17	1/59	Did you have a job before ?	0. Skip or N/A 1. Yes (go to Q18) 2. No (skip to Q33)	
18	a18	1/60	What was the main reason you left the last job mentioned in Q17 ?	0. Skip or N/A 1. Business shrunk or establishment closed (go to Q19) 2. Not satisfied with that job (go to Q19) 3. Ill health (go to Q19) 4. Seasonal or temporary work of that job finished (go to Q19) 5. Got married or gave birth (if interviewee is female) (go to Q19) 6. Retired (go to Q19) 7. Busy in housekeeping (go to Q19) 8. Others (go to Q19)	
19	What is the main workplace you are/were in ?				
	a19_a3	1/61-62	A. The main workplace (3) Major products or business	Refer to Appendix 3	
	a19_a4	1/63	A. The main workplace (4) Number of employees	0. Skip or N/A 1. 1 person 2. 2-9 persons 3. 10-29 persons 4. 30-49 persons 5. 50-99 persons 6. 100-499 persons	

ques. num.	variable name	card/ column	variable label	value label	note
				7. 500 persons or more 8. Government organization	
	a19_b3	1/64-65	B. The secondary workplace (3) Major products or business (go to Q20)	Refer to Appendix 3	
20	What is/was your duty in the main workplace mentioned in Q19 ?				
	a20_a	1/66-67	A. Description of the major job	Refer to Appendix 4	
	a20_b	1/68-69	B. Description of the secondary job (go to Q21)		
21	a21	1/70	What is/was the class of workers you are/were in for the undertaken work ? For the major job	0. Skip or N/A 1. Employer 2. Own-account worker 3. Government employee 4. Private-sector employee 5. Unpaid family worker	Skip to Q33, if Q18 was filled; Skip to Q37, if total working time of Q8 is less than 15 hours ; Otherwise, go to Q22
<b>Part II : Manpower Utilization</b>					
22	b22	1/71-75	How much monthly income did you earn from your major job? NT\$_____ (the income of secondary job is excluded.) (go to Q23)	0. Skip or N/A 1. Financial deficiency	
23	b23	1/76-79	Where is the location of your major working sites? (go to Q24)	Refer to Appendix 2	
24	How long have you worked at the present place? Duration of present employment				
	b24	1/80-83	_____years _____months	0. Skip or N/A	If the length of working period is less than 2 years, go to Q25; otherwise, skip to Q29
	b24_y	1/80-81	_____years	0. 0 year or Skip or N/A	
	b24_m	1/82-83	_____months	0. 0 month or Skip or N/A	

ques. num.	variable name	card/ column	variable label	value label	note
25	b25	1/84	Before working at the present place, had you ever taken a gainful job or an unpaid family work for at least three months?	0. Skip or N/A 1. Yes, ever (go to Q26) 2. No, never (skip to Q29)	
26	b26	1/85	How many times have your working places been changed during 1989?	0. Skip or N/A 1. Once (go to Q27) 2. Twice (go to Q27) 3. Three times (go to Q27) 4. Four times (go to Q27) 5. Five times or more (go to Q27) 6. Never change (skip to Q29)	
27	Where was the place you previously worked and what sort of work did you mainly do up there ?				
	b27_a2	1/86-89	A. Major working site (2) Location	Refer to Appendix 2	
	b27_a3	1/90-91	A. Major working site (3) Major products or business	Refer to Appendix 3	
	b27_a4	1/92	A. Major working site (4) Number of employees	0. Skip or N/A 1. 1 person 2. 2-9 persons 3. 10-29 persons 4. 30-49 persons 5. 50-99 persons 6. 100-499 persons 7. 500 persons or more 8. Government organization	
	b27_b	1/93-94	B. Description of this major job (go to Q27)	Refer to Appendix 4	
28	b28	1/95-96	Why did you leave the place where you previously worked ?	00. Skip or N/A 01. Own account worker (or employer) liquidates business (go to Q29) 02. Unpaid family worker transfers to another job (go to Q29) 03. Employee who willingly left his/her last job: Low pay (go to Q29) 04. Employee who willingly left his/her	

ques. num.	variable name	card/ column	variable label	value label	note
				<p>last job: Expect to change working place (go to Q29)</p> <p>05. Employee who willingly left his/her last job: Inadequate working time (go to Q29)</p> <p>06. Employee who willingly left his/her last job: No job security (go to Q29)</p> <p>07. Employee who willingly left his/her last job: Poor working environment (go to Q29)</p> <p>08. Employee who willingly left his/her last job: Knowledge not met the job's need (go to Q29)</p> <p>09. Employee who willingly left his/her last job: Dim prospect (go to Q29)</p> <p>10. Employee who willingly left his/her last job: Ill health or wounds (go to Q29)</p> <p>11. Employee who willingly left his/her last job: Female employee getting married or giving birth (go to Q29)</p> <p>12. Employee who willingly left his/her last job: Voluntarily retired (go to Q29)</p> <p>13. Employee who willingly left his/her last job: Others (go to Q29)</p> <p>14. Employee who unwillingly left his/her last job: Workplace shut out or business downsize (go to Q29)</p> <p>15. Employee who unwillingly left his/her last job: Seasonal or temporary job completed (go to Q29)</p> <p>16. Employee who unwillingly left his/her last job: Layoff because of personnel reorganization in last workplace (go to Q29)</p> <p>17. Employee who unwillingly left his/her</p>	

ques. num.	variable name	card/ column	variable label	value label	note
				<p>last job: Female employee getting married or giving birth (go to Q29)</p> <p>18. Employee who unwillingly left his/her last job: Relocated across workplaces but within enterprise (go to Q29)</p> <p>19. Employee who unwillingly left his/her last job: mandatorily retired (go to Q29)</p> <p>20. Employee who unwillingly left his/her last job: Others (go to Q29)</p>	
29	b29	1/97	How did you get the present job?	<p>00. Skip or N/A</p> <p>01. Introduced by relatives/friends or teachers (go to Q30)</p> <p>02. Through private employment agencies (go to Q30)</p> <p>03. Referring advertisements or posters (go to Q30)</p> <p>04. Through public employment service agencies (go to Q 30)</p> <p>05. Passed government exams and joined placements for civil service (go to Q30)</p> <p>06. Relocated across workplaces but within enterprise (go to Q30)</p> <p>07. Self/family own business (go to Q30)</p> <p>08. Others (go to Q30)</p>	
30	b30	1/98	Do you expect to change job or add an additional job in the meantime?	<p>0. Skip or N/A</p> <p>1. Expect to change job (go to Q31)</p> <p>2. Expect to add an additional job (go to Q32)</p> <p>3. No intention at all (skip to Q41)</p>	
31	b31	1/99	If there is an ideal job away from home, are you willing to take?	<p>0. Skip or N/A</p> <p>1. Yes (go to Q32)</p> <p>2. No (go to Q32)</p>	

ques. num.	variable name	card/ column	variable label	value label	note
32	b32	1/100	Have you begun to seek a job?	0. Skip or N/A 1. Yes (go to Q36) 2. No (skip to Q41)	
33	b33_1	1/101-102	(1) Which kind of job do you wish to seek? Job title	Refer to Appendix 4	
	b33_2	1/103-107	(2) How much monthly pay do you expect? Expected pay : NT\$_____ (go to Q34)	0. Skip or N/A	
34	b34	1/108	Did you encounter any job opportunity while you were seeking? Yes. The reason why did not go for it?	0. Skip or N/A 1. Pay too low(go to Q35) 2. Unpreferable working location(go to Q35) 3. Long work hours or night work(go to Q35) 4. Knowledge not met the job's need(go to Q35) 5. Others(go to Q35) 6. No(go to Q35)	
35	b35	1/109	What did you depend on for living while seeking a job?	0. Skip or N/A 1. Personal savings (skip to Q36) 2. Family supports (skip to Q36) 3. Layoff settlement or pension (skip to Q36) 4. Loans or other sources (skip to Q36)	
36	b36	1/110	Have you applied for a job through public employment service agencies in the past half year? No, the reason you have not applied for a job	0. Skip or N/A 1. Yes (skip to Q41) 2. No. Never heard about them (skip to Q41) 3. No. Didn't know where they located (skip to Q41) 4. No. Doubtful of their capability to locate ideal jobs (skip to Q41) 5. No. There was no ideal job sought even though application filed 6 months before (skip to Q41)	

ques. num.	variable name	card/ column	variable label	value label	note
37	b37_1	1/111-112	Have you ever worked during 1989? Yes. What is your job title? (go to Q38)	Refer to Appendix 4	
	b37_2	1/113	Have you ever worked during 1989?	0. Skip or N/A 2. No (skip to Q39)	
38	b38	1/114	Why did you quit your job? (Unpaid family workers skip this question)	0. Skip or N/A 1. Attending schools or rebrushing to take entrance exams (go to Q39) 2. Housekeeping (go to Q39) 3. Female employee getting married or giving birth (go to Q39) 4. Wound or illness (go to Q39) 5. Retired (go to Q39) 6. Seasonal or temporary job completed (go to Q39) 7. Workplace shutout or business shrinkage (go to Q39) 8. Others (go to Q39)	
39	b39	1/115	Did you seek for a job in 1989? Yes. Why did you stop seeking?	0. Skip or N/A 1. Yes : No job sought for a long time, so stop seeking (go to Q40) 2. Yes : Other reasons (go to Q40) 3. No (go to Q40)	
40	b40_1	1/116-120	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? Yes. Expected monthly pay: NT\$_____ (go to Q41)	0. Skip or N/A	

ques. num.	variable name	card/ column	variable label	value label	note
	b40_2	1/121	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?	0.Skip or N/A 2.No (go to Q41)	
41	How many children do you have?				
	b41_1	1/122-123	Children aged over 18 years: ____persons	0. Skip or N/A	A female interviewee who lives with her own husband or partner/cohabitant is eligible to response; otherwise, skip it.
	b41_2	1/124	Children aged 6-17 years: ____persons		
	b41_3	1/125	Children aged under 6 years: ____persons		
	b41_4	1/126	How many children do you have?	0. Skip or N/A 4. No children yet	
	weight	1/127-131	Weight		

## Appendix 1 County Code

- 01 Taipei City
- 02 Kaohsiung City
- 11 Keelung City
- 12 Hsinchu City
- 17 Taichung City
- 21 Tainan City
- 22 Chiayi City
- 31 Taipei County
- 32 Taoyuan County
- 33 Hsinchu County
- 34 Yilan County
- 35 Miaoli County
- 36 Taichung County
- 37 Changhua County
- 38 Nantou County
- 39 Yunlin County
- 40 Chiayi County
- 41 Tainan County
- 42 Kaohsiung County
- 43 Pingtung County
- 44 Penghu County
- 45 Hualien County
- 46 Taitung County

## Appendix 2 Townships Code

0000 Skip or N/A	2105 Central Dist., Tainan City	3205 Lujhu Township, Taoyuan County
0100 Taipei City	2106 Annan Dist., Tainan City	3206 Dayuan Township, Taoyuan County
0101 Songshan Dist., Taipei City	2107 Anping Dist., Tainan City	3207 Gueishan Township, Taoyuan County
0102 Daan Dist., Taipei City	2200 Chiayi City	3208 Bade City, Taoyuan County
0103 Guting Dist., Taipei City	3101 Banqiao City, Taipei County	3209 Longtan Township, Taoyuan County
0104 Shuangyuan Dist., Taipei City	3102 Sanchong City, Taipei County	3210 Pingjhen City, Taoyuan County
0105 Longshan Dist., Taipei City	3103 Jhonghe City, Taipei County	3211 Sinwu Township, Taoyuan County
0106 Chengchung Dist., Taipei City	3104 Yonghe City, Taipei County	3212 Guanyin Township, Taoyuan County
0107 Chiencheng Dist., Taipei City	3105 Sinjhuang City, Taipei County	3213 Fusing Township, Taoyuan County
0108 Yanping Dist., Taipei City	3106 Sindian City, Taipei County	3301 Guansi Township, Hsinchu County
0109 Datong Dist., Taipei City	3107 Shulin City, Taipei County	3302 Sinpu Township, Hsinchu County
0110 Jhongshan Dist., Keelung City	3108 Yingge Township, Taipei County	3303 Jhudong Township, Hsinchu County
0111 Neihsu Dist., Taipei City	3109 Sansia Township, Taipei County	3305 Jhubei City, Hsinchu County
0112 Nangang Dist., Taipei City	3110 Danshuei Township, Taipei County	3306 Hukou Township, Hsinchu County
0113 Muzha Dist., Taipei City	3111 Sijhih City, Taipei County	3307 Hengshan Township, Hsinchu County
0114 Jingmei Dist., Taipei City	3112 Rueifang Township, Taipei County	3308 Sinfong Township, Hsinchu County
0115 Shihlin Dist., Taipei City	3113 Tucheng City, Taipei County	3309 Cyonglin Township, Hsinchu County
0116 Beitou Dist., Taipei City	3114 Lujhou City, Taipei County	3310 Baoshan Township, Hsinchu County
0200 Kaohsiung City	3115 Wugu Township, Taipei County	3311 Beipu Township, Hsinchu County
0201 Yancheng Dist., Kaohsiung City	3116 Taishan Township, Taipei County	3312 Emei Township, Hsinchu County
0202 Gushan Dist., Kaohsiung City	3117 Linkou Township, Taipei County	3313 Jianshih Township, Hsinchu County
0203 Zuoying Dist., Kaohsiung City	3118 Shenkeng Township, Taipei County	3314 Wufong Township, Hsinchu County
0204 Nanzih Dist., Kaohsiung City	3119 Shihding Township, Taipei County	3401 Yilan City, Yilan County
0205 Sanmin Dist., Kaohsiung City	3120 Pinglin Township, Taipei County	3402 Luodong Township, Yilan County
0206 Sinsing Dist., Kaohsiung City	3121 Sanjhih Township, Taipei County	3403 Suao Township, Yilan County
0207 Cianjin Dist., Kaohsiung City	3122 Shihmen Township, Taipei County	3404 Toucheng Township, Yilan County
0208 Lingya Dist., Kaohsiung City	3123 Bali Township, Taipei County	3405 Jiaosi Township, Yilan County
0209 Cianjhen Dist., Kaohsiung City	3124 Pingsi Township, Taipei County	3406 Jhuangwei Township, Yilan County
0210 Cijin Dist., Kaohsiung City	3125 Shuangsi Township, Taipei County	3407 Yuanshan Township, Yilan County
0211 Siaogang Dist., Kaohsiung City	3126 Gongliao Township, Taipei County	3408 Dongshan Township, Yilan County
1100 Keelung City	3127 Jinshan Township, Taipei County	3409 Wujie Township, Yilan County
1101 Jhongjheng Dist., Keelung City	3128 Wanli Township, Taipei County	3410 Sansing Township, Yilan County
1102 Cidu Dist., Keelung City	3129 Wulai Township, Taipei County	
1103 Nuannuan Dist., Keelung City	3201 Taoyuan City, Taoyuan County	
1104 Renai Dist., Keelung City	3202 Jhongli City, Taoyuan County	
1105 Jhongshan Dist., Keelung City	3203 Dasi Township, Taoyuan County	
1106 Anle Dist., Keelung City	3204 Yangmei Township, Taoyuan County	
1107 Sinyi Dist., Keelung City		
1200 Hsinchu City		
1700 Taichung City		
1701 Central Dist., Taichung City		
1702 East Dist., Taichung City		
1703 South Dist., Taichung City		
1704 West Dist., Taichung City		
1705 North Dist., Taichung City		
1706 Situn Dist., Taichung City		
1707 Nantun Dist., Taichung City		
1708 Beitun Dist., Taichung City		
2100 Tainan City		
2101 East Dist., Tainan City		
2102 South Dist., Tainan City		
2103 West Dist., Tainan City		
2104 North Dist., Tainan City		

3411 Datong Township, Yilan County	3613 Waipu Township, Taichung County	3724 Dacheng Township, Changhua County
3412 Nanao Township, Yilan County	3614 Daan Township, Taichung County	3725 Jhutang Township, Changhua County
3501 Miaoli City, Miaoli County	3615 Wurih Township, Taichung County	3726 Sijhou Township, Changhua County
3502 Yuanli Township, Miaoli County	3616 Dadu Township, Taichung County	3801 Nantou City, Nantou County
3503 Tongxiao Township, Miaoli County	3617 Longjing Township, Taichung County	3802 Puli Township, Nantou County
3504 Jhunan Township, Miaoli County	3618 Wufong Township, Taichung County	3803 Caotun Township, Nantou County
3505 Toufen Township, Miaoli County	3619 Taiping City, Taichung County	3804 Jhushan Township, Nantou County
3506 Houlong Township, Miaoli County	3620 Dali City, Taichung County	3805 Jiji Township, Nantou County
3507 Jhuolan Township, Miaoli County	3621 Heping Township, Taichung County	3806 Mingjian Township, Nantou County
3508 Dahu Township, Miaoli County	3701 Changhua City, Changhua County	3807 Lugu Township, Nantou County
3509 Gongguan Township, Miaoli County	3702 Lugang Township, Changhua County	3808 Jhongliao Township, Nantou County
3510 Tongluo Township, Miaoli County	3703 Hemei Township, Changhua County	3809 Yuchih Township, Nantou County
3511 Nanjhuang Township, Miaoli County	3704 Beidou Township, Changhua County	3810 Guosing Township, Nantou County
3512 Touwu Township, Miaoli County	3705 Yuanlin Township, Changhua County	3811 Shueili Township, Nantou County
3513 Sanyi Township, Miaoli County	3706 Sihu Township, Changhua County	3812 Sinyi Township, Nantou County
3514 Sihu Township, Miaoli County	3707 Tianjhong Township, Changhua County	3813 Renai Township, Nantou County
3515 Zaociao Township, Miaoli County	3708 Erlin Township, Changhua County	3901 Douliou City, Yunlin County
3516 Sanwan Township, Miaoli County	3709 Siansi Township, Changhua County	3902 Dounan Township, Yunlin County
3517 Shihtan Township, Miaoli County	3710 Shengang Township, Changhua County	3903 Huwei Township, Yunlin County
3518 Taian Township, Miaoli County	3711 Fusing Township, Changhua County	3904 Siluo Township, Yunlin County
3601 Fongyuan City, Taichung County	3712 Sioushuei Township, Changhua County	3905 Tuku Township, Yunlin County
3602 Dongshih Township, Taichung County	3713 Huatan Township, Changhua County	3906 Beigang Township, Yunlin County
3603 Dajia Township, Taichung County	3714 Fenyuan Township, Changhua County	3907 Gukeng Township, Yunlin County
3604 Cingshuei Township, Taichung County	3715 Dacun Township, Changhua County	3908 Dabi Township, Yunlin County
3605 Shalu Township, Taichung County	3716 Puyan Township, Changhua County	3909 Cihong Township, Yunlin County
3606 Wuci Township, Taichung County	3717 Pusin Township, Changhua County	3910 Linnei Township, Yunlin County
3607 Houli Township, Taichung County	3718 Yongjing Township, Changhua County	3911 Erlun Township, Yunlin County
3608 Shengang Township, Taichung County	3719 Shetou Township, Changhua County	3912 Lunbei Township, Yunlin County
3609 Tanzih Township, Taichung County	3720 Ershuei Township, Changhua County	3913 Mailiao Township, Yunlin County
3610 Daya Township, Taichung County	3721 Tianwei Township, Changhua County	3914 Dongshih Township, Yunlin County
3611 Sinshe Township, Taichung County	3722 Pitou Township, Changhua County	3915 Baojhong Township, Yunlin County
3612 Shihgang Township, Taichung County	3723 Fangyuan Township, Changhua County	3916 Taisi Township, Yunlin County
		3917 Yuanchang Township, Yunlin County

County	County	4213 Tianliao Township, Kaohsiung County
3918 Sihhu Township, Yunlin County	4113 Lioujia Township, Tainan County	4214 Alian Township, Kaohsiung County
3919 Kouhu Township, Yunlin County	4114 Guantian Township, Tainan County	4215 Lujhu Township, Kaohsiung County
3920 Shueilin Township, Yunlin County	4115 Danei Township, Tainan County	4216 Hunei Township, Kaohsiung County
4001 Puzih City, Chiayi County	4116 Sigang Township, Tainan County	4217 Jiading Township, Kaohsiung County
4002 Budai Township, Chiayi County	4117 Cigu Township, Tainan County	4218 Yongan Township, Kaohsiung County
4003 Dalin Township, Chiayi County	4118 Jiangjyun Township, Tainan County	4219 Mituo Township, Kaohsiung County
4004 Minsyong Township, Chiayi County	4119 Beimen Township, Tainan County	4220 Zihguan Township, Kaohsiung County
4005 Sikou Township, Chiayi County	4120 Sinshih Township, Tainan County	4221 Liouguei Township, Kaohsiung County
4006 Singang Township, Chiayi County	4121 Anding Township, Tainan County	4222 Jiasian Township, Kaohsiung County
4007 Liujiao Township, Chiayi County	4122 Shanshang Township, Tainan County	4223 Shanlin Township, Kaohsiung County
4008 Dongshih Township, Chiayi County	4123 Yujing Township, Tainan County	4224 Neimen Township, Kaohsiung County
4009 Yijhu Township, Chiayi County	4124 Nansi Township, Tainan County	4225 Maolin Township, Kaohsiung County
4010 Lucao Township, Chiayi County	4125 Nanhua Township, Tainan County	4226 Taoyuan Township, Kaohsiung County
4011 Taibao City, Chiayi County	4126 Zuojhen Township, Tainan County	4227 Sanmin Township, Kaohsiung County
4012 Shueishang Township, Chiayi County	4127 Rende Township, Tainan County	4301 Pingtung City, Pingtung County
4013 Jhongpu Township, Chiayi County	4128 Gueiren Township, Tainan County	4302 Chaozhou Township, Pingtung County
4014 Jhuci Township, Chiayi County	4129 Guanmiao Township, Tainan County	4303 Donggang Township, Pingtung County
4015 Meishan Township, Chiayi County	4130 Longci Township, Tainan County	4304 Hengchun Township, Pingtung County
4016 Fanlu Township, Chiayi County	4131 Yongkang City, Tainan County	4305 Wandan Township, Pingtung County
4017 Dapu Township, Chiayi County	4201 Fongshan City, Kaohsiung County	4306 Changjhih Township, Pingtung County
4018 Alishan Township, Chiayi County	4202 Gangshan Township, Kaohsiung County	4307 Linluo Township, Pingtung County
4101 Sinying City, Tainan County	4203 Cishan Township, Kaohsiung County	4308 Jiouru Township, Pingtung County
4102 Yanshuei Township, Tainan County	4204 Meinong Township, Kaohsiung County	4309 Ligang Township, Pingtung County
4103 Baihe Township, Tainan County	4205 Linyuan Township, Kaohsiung County	4310 Yanpu Township, Pingtung County
4104 Madou Township, Tainan County	4206 Daliao Township, Kaohsiung County	4311 Gaoshu Township, Pingtung County
4105 Jiali Township, Tainan County	4207 Dashu Township, Kaohsiung County	4312 Wanluan Township, Pingtung County
4106 Sinhua Township, Tainan County	4208 Renwu Township, Kaohsiung County	4313 Neipu Township, Pingtung County
4107 Shanhua Township, Tainan County	4209 Dashe Township, Kaohsiung County	4314 Jhutian Township, Pingtung County
4108 Syuejia Township, Tainan County	4210 Niaosong Township, Kaohsiung County	4315 Sinbi Township, Pingtung County
4109 Liuying Township, Tainan County	4211 Ciaotou Township, Kaohsiung County	4316 Fangliao Township, Pingtung County
4110 Houbi Township, Tainan County	4212 Yanchao Township, Kaohsiung County	
4111 Dongshan Township, Tainan County		
4112 Siaying Township, Tainan County		

4317 Sinyuan Township, Pingtung County	4401 Magong City, Penghu County	4513 Jhuosi Township, Hualien County
4318 Kanding Township, Pingtung County	4402 Husi Township, Penghu County	4601 Taitung City, Taitung County
4319 Linbian Township, Pingtung County	4403 Baisha Township, Penghu County	4602 Chenggong Township, Taitung County
4320 Nanjhou Township, Pingtung County	4404 Siyu Township, Penghu County	4603 Guanshan Township, Taitung County
4321 Jiadong Township, Pingtung County	4405 Wangan Township, Penghu County	4604 Beinan Township, Taitung County
4322 Liouciu Township, Pingtung County	4406 Cimei Township, Penghu County	4605 Dawu Township, Taitung County
4323 Checheng Township, Pingtung County	4501 Hualien City, Hualien County	4606 Taimali Township, Taitung County
4324 Manjhou Township, Pingtung County	4502 Fonglin Township, Hualien County	4607 Donghe Township, Taitung County
4325 Fangshan Township, Pingtung County	4503 Yuli Township, Hualien County	4608 Changbin Township, Taitung County
4326 Sandimen Township, Pingtung County	4504 Sincheng Township, Hualien County	4609 Luye Township, Taitung County
4327 Wutai Township, Pingtung County	4505 Jian Township, Hualien County	4610 Chishang Township, Taitung County
4328 Majia Township, Pingtung County	4506 Shoufong Township, Hualien County	4611 Lyudao Township, Taitung County
4329 Taiwu Township, Pingtung County	4507 Guangfu Township, Hualien County	4612 Yanping Township, Taitung County
4330 Laiyi Township, Pingtung County	4508 Fongbin Township, Hualien County	4613 Haiduan Township, Taitung County
4331 Chunrih Township, Pingtung County	4509 Rueisui Township, Hualien County	4614 Daren Township, Taitung County
4332 Shihzih Township, Pingtung County	4510 Fuli Township, Hualien County	4615 Jinfong Township, Taitung County
4333 Mudan Township, Pingtung County	4511 Sioulin Township, Hualien County	4616 Lanyu Township, Taitung County
	4512 Wanrong Township, Hualien County	

### Appendix 3 Industry code

00	Skip or N/A	36	Electrical & Electronic Machinery, Supplies and Equipment Manufacturing and Repairing
01	Agriculture, Animal husbandry and Hunting	37	Transport Equipment Manufacturing and Repairing
02	Forestry	38	Precision Equipment Manufacturing
03	Fishing	39	Miscellaneous Industrial Products Manufacturing
11	Coal Mining	41	Electric Power Supply
12	Crude Petroleum, Natural Gas and Geothermal Sources	42	Gas Supply
13	Metal Ore Mining	43	Steam and Hot Water Supply
14	Salt Industry	44	Water Supply
15	Land Clay and Stone Mining	51	Civil Engineering Construction
16	Chemical and Fertilizer Mining	52	Mechanics, Electricity and Pipe Lines Construction
17	Other Mining	53	Painting, Coating, Mounting and Matting
18	Land Clay and Stone Quarrying	59	Other Construction
20	Food and Beverages Manufacturing	61	Wholesale Trade
21	Beverages and Tobacco Manufacturing	62	Retail Trade
22	Textiles Mills	63	Foreign Trade
23	Apparel, Clothing Accessories and Other Textile Product Manufacturing	64	Eating Places
24	Leather, Fur and Allied Product Manufacturing	71	Transportation
25	Wood and Bamboo Products Manufacturing & Manufacture of Non-metallic Furniture	72	Warehousing and Storage
26	Papermaking, Paper Products, and Printing	73	Communications
27	Chemical Material Manufacturing	81	Financing and Auxiliary Financing
28	Chemical Products Manufacturing	82	Insurance Carriers
29	Petroleum and Coal Products Manufacturing	83	Merchandise Brokers
30	Rubber Products Manufacturing	84	Legal and Business Services
31	Plastic Products Manufacturing	85	Rental and Leasing of Machinery Equipment
32	Non-metallic Mineral Products Manufacturing	91	Public Administration and Defence
33	Basic Metal Industries	92	Sanitary and Pollution Controlling Services
34	Fabricated Metal Products Manufacturing	93	Social Work Activities
35	Machinery Equipment Manufacturing and Repairing	94	Culture and Recreation Activities
		95	Personal Services
		96	Extra-territorial Organizations and Bodies

## Appendix 4 Occupation Code

- 00 Skip or N/A
- 01 Physical, Chemical Scientists and Related Technicians
- 02 Architects, Engineers and Related Technicians
- 03 Architects, Engineers and Related Technicians
- 04 Aircraft and Ship Managing Officers
- 05 Biologists and Related Technicians
- 06 Dentists, Doctors of Chinese Medicine, Veterinarians and Related Professionals
- 07 Dentists, Doctors of Chinese Medicine, Veterinarians and Related Professionals
- 08 Statistician, Mathematicians, and Systems Analysts and Related Professionals
- 09 Economists
- 11 Accountants
- 12 Lawyers and Legal Professionals
- 13 Teachers
- 14 Religious Professionals
- 15 Authors, Journalists and Related Writers
- 16 Calligraphers, Epigraphers, Sculptors, Photographers, Commercial Art Designers and Related Workers
- 17 Composers and Performers
- 18 Gymnasts and Related Athletics
- 19 Other Professionals Not Elsewhere Classified
- 20 Legislators and Government Administrators
- 21 Senior Officers of Government-owned and Private Businesses
- 30 Business Clerical Supervisors
- 31 Government Administrative Officials
- 32 Stenographers, Typists and Related Workers
- 33 Bookkeepers, Cashiers and Related Workers
- 34 Information and Communications Technology Operations Technicians
- 35 Transportation and Communication Clerical Supervisors
- 36 Transport Conductors
- 37 Post Service Clerks
- 38 Telecommunications Technicians
- 39 Other Related Clerks
- 40 International Trade, Wholesale and Retail Managers
- 41 Own-account Workers of Wholesale and Retail
- 42 Sale Auditors and Buyers
- 43 Markets Salespersons, Travelling Salespersons and Selling Agents
- 44 Trade Brokers, Auctioneers and Related Workers
- 45 Salespersons and Related Workers
- 49 Other Sales Workers
- 50 Hotel and Restaurant Managers
- 51 Own-account Workers of Hospitality, Cleaning Service and Hairdressing
- 52 Domestic Housekeepers and Related Establishments
- 53 Cooks and Related Food Service Workers
- 54 Hired Labors and Other Establishment Housekeepers
- 55 Building Caretakers, Cleaners and Related Workers
- 56 Cleaners and Kaumographers
- 57 Hairdressers, Beauticians, Hair-coloring and Related Workers
- 58 Protective Services Workers
- 59 Other Service Workers
- 60 Farm Managers
- 61 Farm Owners
- 62 Crop and Animal Producers
- 63 Forestry Workers
- 64 Fishery Workers
- 65 Hunters
- 70 Producing Monitors and Supervisors
- 71 Miners, Quarriers, Well Drillers and Related Workers

- 72 Metal Processing Makers
- 73 Workers in Wood and Papermakers
- 74 Chemical Makers and Related Trades Workers
- 75 Weaving, Knitting, Bleaching, Dyeing and Related Workers
- 76 Pelt Dressers and Raw Leather Tanners
- 77 Food and Beverage Makers
- 78 Tobacco Products Makers
- 79 Garment Makers, Sewers, Upholsters and Related Workers
- 80 Shoe-makers and Leather Makers
- 81 Cabinet-makers and Related Furniture Workers
- 82 Stone Cutters
- 83 Blacksmiths, Tool-makers and Machine-tool Operators
- 84 Machine Assemblers and Precision-instrument Makers
- 85 Electrical and Electronic Equipment Assemblers and Related Workers
- 86 Broadcasting and Sound Recording Equipment Operators and Movie-broadcasters
- 87 Tongmen, Welders, Sheet-metal Workers and Structural-Metal Erectors
- 88 Jewellery and Precious-metal Workers
- 89 Glass Makers, Potters, and Related Workers
- 90 Rubber and Plastic Products Makers
- 91 Paper and Paperboard Products Makers
- 92 Printing Trades Workers
- 93 Painters
- 94 Other Producing and Related Workers
- 95 Bricklayers, Carpenters and Joiners, and Building Frame Related Workers
- 96 Power Plant and Related Plant Operators
- 97 Mobile-Plant, Building Machine Operators and Porters
- 98 Mobile Plant Operators
- 99 Apprentices and Related Workers