

## Manpower Utilization Survey, 2001

### Data description

- ‘Manpower Utilization Survey, 2001’ sponsored and carried out by the Directorate-General of Budget, Accounting & Statistics (DGBAS), Executive Yuan. Center for Survey Research, Research Center for Humanities and Social Sciences, Academia Sinica is responsible for the data distribution. Released files of this survey include SPSS dataset, STATA dataset, SAS program, source data (ASCII), questionnaire and code book.

### Released File Description

#### 1. Questionnaire

ques2001.pdf	Questionnaire (Adobe Acrobat v9.4)
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#### 2. Dataset

mu2001.sav	SPSS Dataset (SPSS v20.0)
mu2001.dta	STATA Dataset (STATA v9.0)
mu2001.dat	Source Data (ASCII)

#### 3. Program

mu2001.sas	SAS program for mu2001.dat (SAS v9.3)
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#### 4. Code book

code2001.doc	Code book (Word 2003)
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### Guideline for data usage

1. The geographic information, such as code numbers of city, county, district, and village, etc. are re-coded and could not be identified.
2. Regarding to the sample representativeness and data stability, the sample size of individual city/county is small and eigenvalue and is not suitable to make any estimation for single city/county. The data for every city/county should be based on the publication counts from DGBAS.
3. The sampling design is based on sample rotation. The sample ID is composed by area, level, village, household number and total amount of household members over 15-year-old. Hence, repeating sample ID is normal.
4. The result after data cleaning:

ques.num.	variable name	illegal value	frequency
二、1	b1	200	1
		400	1
		500	2
		600	2
		720	1
		900	1

**Dataset Citation Description**

There are a number of different citation styles, depending on the discipline in which you are working. The following is for reference only.

Directorate-General of Budget, Accounting & Statistics, Executive Yuan. (2001). Manpower Utilization Survey, 2001 (AA020024en) [data file]. Available from Survey Research Data Archive, Center for Survey Research, Research Center for Humanities and Social Sciences, Academia Sinica. Web site: <http://srda.sinica.edu.tw>. doi:10.6141/TW-SRDA-AA020024en-1.

**Contact us**

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\*\*\*\*\* Continued by Code Book \*\*\*\*\*

## 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		
<b>Part I : Manpower</b>					
	id2	1/16-17	Serial no. of interviewees in household		
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's/Sister's spouse 11. Spouse's parent 12. Spouse's brother/sister 13. Other relatives 14. Others	
2	a2	1/21	Sex	1. Male 2. Female	
3	a3	1/22-24	Current age in full years		

ques. num.	variable name	card/ column	variable label	value label	note
4	a4	1/25	Marital status	1. Never married 2. Married and cohabited 3. Divorced or separated 4. Widowed	
5	a5	1/26-27	Educational attainment (highest)	01. Illiterate (skip to Q.7) 02. Self-educated (skip to Q.7) 03. Primary school (skip to Q.7) 04. Junior high school (skip to Q.7) 05. Senior high school (skip to Q.7) 06. Vocational school (go to Q.6) 07. Junior college (go to Q.6) 08. University (go to Q.6) 09. Master's (go to Q.6) 10. Ph. D's (go to Q.6)	
6	a6	1/28-29	Academic or professional specialty	00. Skip or N/A (go to Q.7) 01. Literature (go to Q.7) 02. Law (go to Q.7) 03. Business , management (go to Q.7) 04. Science (go to Q.7) 05. Engineering (go to Q.7) 06. Agriculture (go to Q.7) 07. Medical (go to Q.7) 08. Military and police (go to Q.7) 09. Education (go to Q.7) 10. Others (go to Q.7)	
7	a7	1/30-31	What were you doing during most of last week ?	01. Undertaking a kind of work (go to Q.8) 02. Undertaking works after school hours (go to Q.8) 03. Undertaking works after housekeeping (go to Q.8) 04. Having a job but not at work (skip to Q.11) 05. Jobless but seeking one or waiting for an offer after seeking (skip to Q.14) 06. Intend and be able to work but not seeking (skip to Q13)	

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 part II Q.13) 08. Housekeeping (mark (3), if working part-time) (skip to part II Q.13) 09. Old age (elders aged 65 or over) or disable (skip to part II Q.17) 10. In armed force, prison or missing (stop) 11. Others (skip to part II Q.13)	
8	a8_1a	1/32-34	How many hours did you work last week ? (1) For the major job : (A) full time _____hours	0. Skip or N/A	
	a8_1b	1/35-37	How many hours did you work last week ? (1) For the major job : (B) part time _____hours	0. Skip or N/A	
	a8_2a	1/38-39	How many hours did you work last week ? (2) For the secondary job : (A) full time _____hours	0. Skip or N/A	
	a8_2b	1/40-41	How many hours did you work last week ? (2) For the secondary job : (B) part time _____hours	0. Skip or N/A	Go to Q.9 if total hours less than 40; otherwise, skip to Q.19
9	a9	1/48-49	Why did you work less than 40 hours last week ?	00. Skip or N/A 01. Busy in housekeeping (skip to Q.19) 02. Busy in studying/attending school (skip to Q.19) 03. Unwilling to work longer (skip to Q.19) 04. Wound or illness (skip to Q.19) 05. Official holidays, personal leaves (sick leaves excluded), and special days off (go to Q.10) 06. Seasonal reasons (go to Q.10) 07. Work itself only need less than 40 hours' efforts (go to Q.10) 08. Unfavorable conditions of business (go	

ques. num.	variable name	card/ column	variable label	value label	note
				to Q.10) 09. Bad weather or natural calamities (go to Q.10) 10. Others (go to Q.10)	
10	a10	1/50	Do you expect an increase of working hours ?	0. Skip or N/A 1. Yes (skip to Q.19) 2. No (skip to Q.19)	
11	a11	1/51	Why were you absent from work last week ?	0. Skip or N/A 1. Wound of illness (skip to Q.19) 2. Seasonal reasons (skip to Q.19) 3. Official holidays, personal leaves (sick leaves excluded), and special days off (skip to Q.19) 4. Decide to work shortly but no pay for that currently (skip to Q.16) 5. Not at work resulted from accidents even though having employed and paid (skip to Q.19) 6. Waiting for a recall (go to Q.12) 7. Others (skip to Q.19)	
12	a12	1/52	Did you earn any pay from work last week ?	0. Skip or N/A 1. Yes (skip to Q.19) 2. No (skip to Q.16)	
13	a13	1/53	If there is a job offer, can you take it at once ?	0. Skip or N/A 1. Yes (go to part II Q.13) 3. No, because of attending school or rebrushing to take entrance exams (skip to part II Q.13) 4. No, because of housekeeping (skip to part II Q.13) 5. No, because of old age (elders aged 65 or over) or disable (skip to part II Q.17) 6. No, because of others (skip to part II Q.13)	
14	a14_1	1/54	How did you seek a job?	0. Skip or N/A	multiple choices
	a14_2	1/55	How did you seek a job?	1. Referenced by relatives, friends or	

ques. num.	variable name	card/ column	variable label	value label	note
14	a14_3	1/56	How did you seek a job?	teachers (go to Q.15)	multiple choices
	a14_4	1/57	How did you seek a job?	2. Through private employment agencies (go to Q.15)	
	a14_5	1/58	How did you seek a job?	3. Referring recruiting advertisements or posters (go to Q.15)	
	a14_6	1/59	How did you seek a job?	4. Through public employment offices (go to Q.15) 5. Through civil service exams and placement (go to Q.15) 6. Others (go to Q.15)	
15	a15	1/60	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 Q.16) 2. A part-time job (go to Q.16)	
16	a16	1/61-62	How long did you take to seek a job or wait for a recall while you were jobless ? _____weeks(go to Q.17)	00. Skip or N/A 99. Over 99 weeks	
17	a17	1/63	Did you have a job before ?	0. Skip or N/A 1. Yes (go to Q.18) 2. No (skip to part II Q.10)	
18	a18	1/64	What was the main reason you left the last job mentioned in Q.17 ?	0. Skip or N/A 1. Business shrunk or establishment closed (go to Q.19) 2. Not satisfied to that job (go to Q.19) 3. Ill health (go to Q.19) 4. Seasonal or temporary work of that job finished (go to Q.19) 5. Got married or gave birth (if interviewee is female) (go to Q.19) 6. Retired (go to Q.19) 7. Busy in housekeeping (go to Q.19) 8. Others (go to Q.19)	
19	a19_a1	1/65-68	What is the main workplace you are/were in ? (1) Location	Refer to Appendix 2	

ques. num.	variable name	card/ column	variable label	value label	note
19	a19_a2	1/69-70	What is the main workplace you are/were in ? (2) Major products or business	Refer to Appendix 3	
	a19_a3	1/71	What is the main workplace you are/were in ? (3) 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. 100-199 persons 7. 200-499 persons 8. 500 persons or more 9. Government organization	
	a19_b2	1/72-73	What is the secondary workplace you are/were in ? (2) Major products or business (go to Q.20)	Refer to Appendix 3	
20	a20_a	1/74-75	What is/was your duty in the main workplace mentioned in Q.19 ? A. Description of the major job	Refer to Appendix 4	
	a20_b	1/76-77	What is/was your duty in the main workplace mentioned in Q.19 ? B. Description of the secondary job (go to Q.21)		
21	a21_a	1/78	What is/was the class of workers you are/were in for the undertaken work ? A. 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 part II Q.10, if Q.18 was filled; Skip to part II Q. 13, if mark (5) in this column, and total working time of Q.8 is less than 15 hours ;Otherwise, go to Part II Q.1)
	a21_b	1/79	What is/was the class of workers you are/were in for the undertaken work ? B. For the secondary job		

ques. num.	variable name	card/ column	variable label	value label	note
<b>Part II : Manpower Utilization</b>					
1	b1	1/80-85	How much monthly income did you earn from your major job? (unpaid family workers skip this question.) (go to Q.2)	000000. Skip or N/A 000001. Financial deficiency 999999. NT\$1,000,000 and over	
2	b2	1/86-89	How long have you worked at the present place? Duration of present employment: _____years _____months	0000. Skip or N/A	1.If the length of working period is less than 1 year and 5 months, go to Q.3; otherwise, skip to Q.7 2.string
	b2_y	1/86-87	How long have you worked at the present place? Duration of present employment: _____years	00. 0 year or Skip or N/A	
	b2_m	1/88-89	How long have you worked at the present place? Duration of present employment: _____months	00. 0 month or Skip or N/A	
3	b3	1/90	Before working at the present place, had you ever taken a gainful job or and unpaid family work for at least three months?	0. Skip or N/A 1. Yes, ever (go to Q.4) 2. No, never (skip to Q.7)	
4	b4	1/91	How many times have your working places been changed in 2000?	0. Skip or N/A 1. Once (go to Q.5) 2. Twice (go to Q.5) 3. Three times or more (go to Q.5) 4. Never change (skip to Q.7)	
5	b5_a2	1/92-95	Where was the place you previously worked and what sort of work did you mainly do up there ? A. Major working site (2) Location	Refer to Appendix 2	
	b5_a3	1/96-97	Where was the place you previously worked and what sort of work did you mainly do up there ? A. Major working site (3) Major products or business	Refer to Appendix 3	

ques. num.	variable name	card/ column	variable label	value label	note
5	b5_a4	1/98	Where was the place you previously worked and what sort of work did you mainly do up there ? 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. 100-199 persons 7. 200-499 persons 8. 500 persons or more 9. Government organization	
	b5_b	1/99-100	Where was the place you previously worked and what sort of work did you mainly do up there ? B. Description of this major job(go to Q.6)	Refer to Appendix 4	
6	b6	1/101-102	Why did you leave the place where you previously worked ?	00. Skip or N/A (go to Q.7) 01. Own account worker (or employer) transfers to another job (go to Q.7) 02. Unpaid family worker transfers to another job (go to Q.7) 03. Employee who willingly left his/her last job: Low pay (go to Q.7) 04. Employee who willingly left his/her last job: Expect to change working place (go to Q.7) 05. Employee who willingly left his/her last job: : Inadequate working time (go to Q.7) 06. Employee who willingly left his/her last job: No job security (go to Q.7) 07. Employee who willingly left his/her last job: Poor working environment (go to Q.7) 08. Employee who willingly left his/her last job: Knowledge not met the job's need (go to Q.7)	

ques. num.	variable name	card/ column	variable label	value label	note
				<p>09. Employee who willingly left his/her last job: Dim prospect (go to Q.7)</p> <p>10. Employee who willingly left his/her last job: Ill health or wounds (go to Q.7)</p> <p>11. Employee who willingly left his/her last job: Female employee getting married or giving birth (go to Q.7)</p> <p>12. Employee who willingly left his/her last job: Voluntarily retired (go to Q.7)</p> <p>13. Employee who willingly left his/her last job: Establish self own business/enterprise (go to Q.7)</p> <p>14. Employee who willingly left his/her last job: Others (go to Q.7)</p> <p>15. Employee who unwillingly left his/her last job: Workplace shut out or business downsize (go to Q.7)</p> <p>16. Employee who unwillingly left his/her last job: Seasonal or temporary job completed (go to Q.7)</p> <p>17. Employee who unwillingly left his/her last job: Layoff because of personnel reorganization in last workplace (go to Q.7)</p> <p>18. Employee who unwillingly left his/her last job: Female employee getting married or giving birth (go to Q.7)</p> <p>19. Employee who unwillingly left his/her last job: Relocated across workplaces but within enterprise (go to Q.7)</p> <p>20. Employee who unwillingly left his/her last job: mandatorily retired (go to Q.7)</p> <p>21. Employee who unwillingly left his/her last job: Others (go to Q.7)</p>	

ques. num.	variable name	card/ column	variable label	value label	note
7	b7	1/103-104	How did you get the present job?	00. Skip or N/A (go to Q.8) 01. Introduced by relatives/friends or teachers (go to Q.8) 02. Through employment service offices in schools (go to Q.8) 03. Through public employment service agencies (go to Q.8) 04. Through private employment agencies (go to Q.8) 05. Through labor unions (go to Q.8) 06. Referring advertisements or posters (go to Q.8) 07. Internet job seeking (go to Q.8) 08. Passed government exams and joined placements for civil service (go to Q.8) 09. Relocated across workplaces but within enterprise (go to Q.8) 10. Self/family own business (go to Q.8) 11. Others (go to Q.8)	
8	b8	1/105	Do you expect to change job or add an additional job in the meantime?	0. Skip or N/A 1. Expect to change job (go to Q.9) 2. Expect to add an additional job (go to Q.9) 3. No intention at all (skip to Q.17)	
9	b9	1/106	Have you begun to seek a job?	0. Skip or N/A 1. Yes (skip to Q.17) 2. No (skip to Q.17)	Skip to Q.18, if married/cohabited woman; otherwise, stop.
10	b10_1	1/107-108	Which kind of job do you wish to seek? Job title: _____	Refer to Appendix 4	
	b10_2	1/109-114	How much monthly pay do you expect? Expected pay : NT\$_____ (go to Q.11)	0. Skip or N/A	

ques. num.	variable name	card/ column	variable label	value label	note
11	b11_a1	1/115	Did you encounter any job opportunity while you were seeking? A. Yes. What was the main reason that you did not go for it?	0. Skip or N/A (go to Q.12) 1. Pay too low (go to Q.12) 2. Unpreferable working location (go to Q.12) 3. Poor working environment (go to Q.12) 4. Inadequate working hours (go to Q.12) 5. Knowledge not met the job's need (go to Q.12) 6. Dim prospect (go to Q.12) 7. Others (go to Q.12)	
	b11_a2	1/116	Did you encounter any job opportunity while you were seeking? A. Yes. What was the secondary reason that you did not go for it?		
	b11_a3	1/117	Did you encounter any job opportunity while you were seeking? A. Yes. What was the sub-secondary reason that you did not go for it?		
11	b11_b1	1/118	Did you encounter any job opportunity while you were seeking? B. No. What was the major difficulty that you faced in job seeking?	0. Skip or N/A (go to Q.12) 1. Interviewee's expertise unfitted to job openings (go to Q.12) 2. Interviewee's educational attainment unfitted to job openings (go to Q.12) 3. Age limit imposed on job openings (go to Q.12) 4. Sex status restricted on job openings (go to Q.12) 5. Language barrier (go to Q.12) 6. Marital status restricted on job openings (go to Q.12) 7. Job feature unfitted on job openings (go to Q.12) 8. Others (go to Q.12)	
	b11_b2	1/119	Did you encounter any job opportunity while you were seeking? B. No. What was the secondary difficulty that you faced in job seeking?		
	b11_b3	1/120	Did you encounter any job opportunity while you were seeking? B. No. What was the sub-secondary difficulty that you faced in job seeking?		
12	b12	1/121	What did you depend on for living while seeking a job?	0. Skip or N/A 1. Personal savings (skip to Q.17) 2. Family supports (skip to Q.17) 3. Layoff settlement or pension (skip to Q.17) 4. Loans or other sources (skip to Q.17)	Skip to Q.17, if married/cohabited woman; otherwise, stop.

ques. num.	variable name	card/ column	variable label	value label	note
13	b13_1	1/122-123	Were you employed more than 3 months or worked as an unpaid family worker in 2000? What is your job title?(go to Q.14)	Refer to Appendix 4	
13	b13_2	1/124	Were you employed more than 3 months or worked as an unpaid family worker in 2000?	0. Skip or N/A 2. No (skip to Q.15)	
14	b14	1/125-126	Why did you quit your job? (Unpaid family workers skip this question)	00. Skip or N/A 01. Attending schools or rebrushing to take entrance exams (go to Q.15) 02. Housekeeping (go to Q.15) 03. Female employee getting married or giving birth (go to Q.15) 04. Family finance getting better (go to Q.15) 05. Wound or illness (go to Q.15) 06. Retired (go to Q.15) 07. Seasonal or temporary job completed (go to Q.15) 08. Working place shutout or business downsize (go to Q.15) 09. Others (go to Q.15) 10. Not quit but weekly take unpaid family work less than 15 hours (go to Q.15)	
15	b15	1/127	Did you seek for a job in 2000?	0. Skip or N/A 1. Yes : No job sought for a long time, so stop seeking (go to Q.16) 2. Yes : Other reasons (go to Q.16) 3. No (go to Q.16)	
16	b16_a1	1/128-129	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? A. Yes, expected job title	Refer to Appendix 4	Skip to Q.17, if married/cohabited woman; otherwise, stop.

ques. num.	variable name	card/ column	variable label	value label	note
16	b16_a2	1/134-133	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? A. Yes, expected working location	Refer to Appendix 2	Skip to Q.17, if married/cohabited woman; otherwise, stop.
	b16_a3	1/134-139	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? A. Yes, expected monthly pay	0. Skip or N/A	
	b16_a4	1/140	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? A. Yes, expected job type	0. Skip or N/A 1. Full-time job(go to Q.17) 2. Part-time job(go to Q.17)	
	b16_b	1/141	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? B. No. Why not to work?	0. Skip or N/A (go to Q.17) 1. Female employee getting married or giving birth (go to Q.17) 2. Family finance is good enough, no need to work (go to Q.17) 3. Responsibility in taking care of family members (go to Q.17) 4. Ill health, wound or illness (go to Q.17) 5. Attending schools or rebrushing to take entrance exams (go to Q.17) 6. Waiting for conscription (go to Q.17) 7. Helping hands given to family business (go to Q.17) 8. Others (go to Q.17)	

ques. num.	variable name	card/ column	variable label	value label	note
17	b17_a1	1/142	How many children do you have? A. Have children; children aged under 3 years: ____persons	0. Skip or N/A	A female interviewee who is married or cohabited is eligible to response; otherwise skip it.
	b17_a2	1/143	How many children do you have? A. Have children; children aged 3-6 years: ____persons	0. Skip or N/A	
	b17_a3	1/144	How many children do you have? A. Have children; children aged 6-15 years: ____persons	0. Skip or N/A	
	b17_a4	1/145	How many children do you have? A. Have children; children aged 15-18 years: ____persons	0. Skip or N/A	
	b17_a5	1/146-147	How many children do you have? A. Have children; children aged over 18 years: ____persons	0. Skip or N/A	
	b17_b	1/148	How many children do you have?	0. Skip or N/A 1. No children yet	
	weight	1/149-153	Weight		

## 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

## Appendix 2 Townships Code

0000 Skip or N/A	County	0409 Beipu Township, Hsinchu County
0100 Taipei County	0205 Jiaosi Township, Yilan County	0410 Baoshan Township, Hsinchu County
0101 Banciao City, Taipei County	0206 Jhuangwei Township, Yilan County	0411 Emei Township, Hsinchu County
0102 Sanchong City, Taipei County	0207 Yuanshan Township, Yilan County	0412 Jianshih Township, Hsinchu County
0103 Jhonghe City, Taipei County	0208 Dongshan Township, Yilan County	0413 Wufong Township, Hsinchu County
0104 Yonghe City, Taipei County	0209 Wujie Township, Yilan County	0500 Miaoli County
0105 Sinjhuang City, Taipei County	0210 Sansing Township, Yilan County	0501 Miaoli City, Miaoli County
0106 Sindian City, Taipei County	0211 Datong Township, Yilan County	0502 Yuanli Township, Miaoli County
0107 Shulin City, Taipei County	0212 Nanao Township, Yilan County	0503 Tongsiao Township, Miaoli County
0108 Yingge Township, Taipei County	0300 Taoyuan County	0504 Jhunan Township, Miaoli County
0109 Sansia Township, Taipei County	0301 Taoyuan City, Taoyuan County	0505 Toufen Township, Miaoli County
0110 Danshuei Township, Taipei County	0302 Jhongli City, Taoyuan County	0506 Houlong Township, Miaoli County
0111 Sijhih City, Taipei County	0303 Dasi Township, Taoyuan County	0507 Jhuolan Township, Miaoli County
0112 Rueifang Township, Taipei County	0304 Yangmei Township, Taoyuan County	0508 Dahu Township, Miaoli County
0113 Tucheng City, Taipei County	0305 Lujhu Township, Taoyuan County	0509 Gongguan Township, Miaoli County
0114 Lujhou City, Taipei County	0306 Dayuan Township, Taoyuan County	0510 Tongluo Township, Miaoli County
0115 Wugu Township, Taipei County	0307 Gueishan Township, Taoyuan County	0511 Nanjhuang Township, Miaoli County
0116 Taishan Township, Taipei County	0308 Bade City, Taoyuan County	0512 Touwu Township, Miaoli County
0117 Linkou Township, Taipei County	0309 Longtan Township, Taoyuan County	0513 Sanyi Township, Miaoli County
0118 Shengkeng Township, Taipei County	0310 Pingjhen City, Taoyuan County	0514 Sihu Township, Miaoli County
0119 Shihding Township, Taipei County	0311 Sinwu Township, Taoyuan County	0515 Zaociao Township, Miaoli County
0120 Pinglin Township, Taipei County	0312 Guanyin Township, Taoyuan County	0516 Sanwan Township, Miaoli County
0121 Sanjhih Township, Taipei County	0313 Fusing Township, Taoyuan County	0517 Shihtan Township, Miaoli County
0122 Shihmen Township, Taipei County	0400 Hsinchu County	0518 Taian Township, Miaoli County
0123 Bali Township, Taipei County	0401 Jhubei City, Hsinchu County	0600 Taichung County
0124 Pingsi Township, Taipei County	0402 Jhudong Township, Hsinchu County	0601 Fongyuan City, Taichung County
0125 Shuangsi Township, Taipei County	0403 Sinpu Township, Hsinchu County	0602 Dongshih Township, Taichung County
0126 Gongliao Township, Taipei County	0404 Guansi Township, Hsinchu County	0603 Dajia Township, Taichung County
0127 Jinshan Township, Taipei County	0405 Hukou Township, Hsinchu County	0604 Cingshuei Township, Taichung County
0128 Wanli Township, Taipei County	0406 Sinfong Township, Hsinchu County	0605 Shalu Township, Taichung County
0129 Wulai Township, Taipei County	0407 Cyonglin Township, Hsinchu County	0606 Wuci Township, Taichung County
0200 Yilan County	0408 Hengshan Township, Hsinchu County	
0201 Yilan City, Yilan County		
0202 Luodong Township, Yilan County		
0203 Suao Township, Yilan County		
0204 Toucheng Township, Yilan 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	Pitou 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	1000	Chiayi County
0620	Dali City, Taichung County	0803	Caotun Township, Nantou County	1001	Taibao City, Chiayi County
0621	Heping Township, Taichung County	0804	Jhushan Township, Nantou County	1002	Puzih City, Chiayi County
0700	Changhua County	0805	Jiji Township, Nantou County	1003	Budai Township, Chiayi County
0701	Changhua City, Changhua County	0806	Mingjian Township, Nantou County	1004	Dalin Township, Chiayi County
0702	Lugang Township, Changhua County	0807	Lugu Township, Nantou County	1005	Minsyong Township, Chiayi County
0703	Hemei Township, Changhua County	0808	Jhongliao Township, Nantou County	1006	Sikou Township, Chiayi County
0704	Siansi Township, Changhua County	0809	Yuchih Township, Nantou County	1007	Singang Township, Chiayi County
0705	Shengang Township, Changhua County	0810	Guosing Township, Nantou County	1008	Lioujiao Township, Chiayi County
0706	Fusing Township, Changhua County	0811	Shueili Township, Nantou County	1009	Dongshih Township, Chiayi County
0707	Sioushuei Township, Changhua County	0812	Sinyi Township, Nantou County	1010	Yijhu Township, Chiayi County
0708	Huatan Township, Changhua County	0813	Renai Township, Nantou County	1011	Lucao Township, Chiayi County
0709	Fenyuan Township, Changhua County	0900	Yunlin County	1012	Shueishang Township, Chiayi County
0710	Yuanlin Township, Changhua County	0901	Douliou City, Yunlin County	1013	Jhongpu Township, Chiayi County
0711	Sihu Township, Changhua County	0902	Dounan Township, Yunlin County	1014	Jhuci Township, Chiayi County
0712	Tianjhong Township, Changhua County	0903	Huwei Township, Yunlin County	1015	Meishan Township, Chiayi County
0713	Dacun Township, Changhua County	0904	Siluo Township, Yunlin County	1016	Fanlu Township, Chiayi County
0714	Puyan Township, Changhua County	0905	Tuku Township, Yunlin County	1017	Dapu Township, Chiayi County
0715	Pusin Township, Changhua County	0906	Beigang Township, Yunlin County	1018	Alishan Township, Chiayi County
0716	Yongjing Township, Changhua County	0907	Gukeng Township, Yunlin County	1100	Tainan County
		0908	Dabi Township, Yunlin County	1101	Sinying City, Tainan County
				1102	Yanshuei Township, Tainan County

County	1202	Linyuan Township, Kaohsiung County	County
1103 Baihe Township, Tainan County	1203	Daliao Township, Kaohsiung County	1306 Changjih Township, Pingtung County
1104 Liouying Township, Tainan County	1204	Dashu Township, Kaohsiung County	1307 Linluo Township, Pingtung County
1105 Houbi Township, Tainan County	1205	Dashe Township, Kaohsiung County	1308 Jiouru Township, Pingtung County
1106 Dongshan Township, Tainan County	1206	Renwu Township, Kaohsiung County	1309 Ligang Township, Pingtung County
1107 Madou Township, Tainan County	1207	Niaosong Township, Kaohsiung County	1310 Yanpu Township, Pingtung County
1108 Siaying Township, Tainan County	1208	Gangshan Township, Kaohsiung County	1311 Gaoshu Township, Pingtung County
1109 Lioujia Township, Tainan County	1209	Ciaotou Township, Kaohsiung County	1312 Wanluan Township, Pingtung County
1110 Guantian Township, Tainan County	1210	Yanchao Township, Kaohsiung County	1313 Neipu Township, Pingtung County
1111 Danei Township, Tainan County	1211	Tianliao Township, Kaohsiung County	1314 Jhutian Township, Pingtung County
1112 Jiali Township, Tainan County	1212	Alian Township, Kaohsiung County	1315 Sinbi Township, Pingtung County
1113 Syuejia Township, Tainan County	1213	Lujhu Township, Kaohsiung County	1316 Fangliao Township, Pingtung County
1114 Sigang Township, Tainan County	1214	Hunei Township, Kaohsiung County	1317 Sinyuan Township, Pingtung County
1115 Cigu Township, Tainan County	1215	Jiading Township, Kaohsiung County	1318 Kanding Township, Pingtung County
1116 Jiangjyun Township, Tainan County	1216	Yongan Township, Kaohsiung County	1319 Linbian Township, Pingtung County
1117 Beimen Township, Tainan County	1217	Mituo Township, Kaohsiung County	1320 Nanjhou Township, Pingtung County
1118 Sinhua Township, Tainan County	1218	Zihguan Township, Kaohsiung County	1321 Jiadong Township, Pingtung County
1119 Shanhua Township, Tainan County	1219	Cishan Township, Kaohsiung County	1322 Liouciu Township, Pingtung County
1120 Sinshih Township, Tainan County	1220	Meinong Township, Kaohsiung County	1323 Checheng Township, Pingtung County
1121 Anding Township, Tainan County	1221	Liouguei Township, Kaohsiung County	1324 Manjhou Township, Pingtung County
1122 Shanshang Township, Tainan County	1222	Jiasian Township, Kaohsiung County	1325 Fangshan Township, Pingtung County
1123 Yujing Township, Tainan County	1223	Shanlin Township, Kaohsiung County	1326 Sandimen Township, Pingtung County
1124 Nansi Township, Tainan County	1224	Neimen Township, Kaohsiung County	1327 Wutai Township, Pingtung County
1125 Nanhua Township, Tainan County	1225	Maolin Township, Kaohsiung County	1328 Majia Township, Pingtung County
1126 Zuojhen Township, Tainan County	1226	Taoyuan Township, Kaohsiung County	1329 Taiwu Township, Pingtung County
1127 Rende Township, Tainan County	1227	Sanmin Township, Kaohsiung County	1330 Laiyi Township, Pingtung County
1128 Gueiren Township, Tainan County	1300	Pingtung County	1331 Chunrih Township, Pingtung County
1129 Guanmiao Township, Tainan County	1301	Pingtung City, Pingtung County	1332 Shihzih Township, Pingtung County
1130 Longci Township, Tainan County	1302	Chaozhou Township, Pingtung County	1333 Mudan Township, Pingtung County
1131 Yongkang City, Tainan County	1303	Donggang Township, Pingtung County	1400 Taitung County
1200 Kaohsiung County	1304	Hengchun Township, Pingtung County	1401 Taitung City, Taitung County
1201 Fongshan City, Kaohsiung County	1305	Wandan Township, Pingtung	1402 Chenggong Township, Taitung County

1403	Guanshan Township, Taitung County	1604	Siyu Township, Penghu County	6404	Nanzih Dist., Kaohsiung City
1404	Beinan Township, Taitung County	1605	Wangan Township, Penghu County	6405	Sanmin Dist., Kaohsiung City
1405	Luye Township, Taitung County	1606	Cimei Township, Penghu County	6406	Sinsing Dist., Kaohsiung City
1406	Chihshang Township, Taitung County	1700	Keelung City	6407	Cianjin Dist., Kaohsiung City
1407	Donghe Township, Taitung County	1701	Jhongjheng Dist., Keelung City	6408	Lingya Dist., Kaohsiung City
1408	Changbin Township, Taitung County	1702	Cidu Dist., Keelung City	6409	Cianjhen Dist., Kaohsiung City
1409	Taimali Township, Taitung County	1703	Nuannuan Dist., Keelung City	6410	Cijin Dist., Kaohsiung City
1410	Dawu Township, Taitung County	1704	Renai Dist., Keelung City	6411	Siaogang Dist., Kaohsiung City
1411	Lyudao Township, Taitung County	1705	Jhongshan Dist., Keelung City	6500	Kinmen County 、Matsu
1412	Haiduan Township, Taitung County	1706	Anle Dist., Keelung City	6501	China
1413	Yanping Township, Taitung County	1707	Sinyi Dist., Keelung City	6502	Foreign area
1414	Jinfong Township, Taitung County	1800	Hsinchu City	7101	Nangan Township, Lienchiang County
1415	Daren Township, Taitung County	1801	East Dist., Hsinchu City	7102	Beigan Township, Lienchiang County
1416	Lanyu Township, Taitung County	1802	North Dist., Hsinchu City	7103	Jyuguang Township, Lienchiang County
1500	Hualien County	1803	Siangshan Dist., Hsinchu City	7104	Dongyin Township, Lienchiang County
1501	Hualien City, Hualien County	1900	Taichung City	7201	Jincheng Township, Kinmen County
1502	Fonglin Township, Hualien County	1901	Central Dist., Taichung City	7202	Jinsha Township, Kinmen County
1503	Yuli Township, Hualien County	1902	East Dist., Taichung City	7203	Jinhu Township, Kinmen County
1504	Sincheng Township, Hualien County	1903	South Dist., Taichung City	7204	Jinning Township, Kinmen County
1505	Jian Township, Hualien County	1904	West Dist., Taichung City	7205	Lieyu Township, Kinmen County
1506	Shoufong Township, Hualien County	1905	North Dist., Taichung City	7206	Wuciu Township, Kinmen County
1507	Guangfu Township, Hualien County	1906	Situn Dist., Taichung City		
1508	Fongbin Township, Hualien County	1907	Nantun Dist., Taichung City		
1509	Rueisui Township, Hualien County	1908	Beitun Dist., Taichung City		
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		
1513	Jhuosi Township, Hualien County	2100	Tainan City		
1600	Penghu County	2101	East Dist., Tainan City		
1601	Magong City, Penghu County	2102	South Dist., Tainan City		
1602	Husi Township, Penghu County	2104	North Dist., Tainan City		
1603	Baisha Township, Penghu County	2106	Annan Dist., Tainan City		
		2107	Anping 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	Jhongjheng Dist., Taipei City		
		6306	Datong Dist., Taipei City		
		6307	Wanhua Dist., Taipei City		
		6308	Wenshan Dist., Taipei City		
		6309	Nangang Dist., Taipei City		
		6310	Neihu Dist., Taipei City		
		6311	Shihlin Dist., Taipei City		
		6312	Beitou Dist., Taipei City		
		6400	Kaohsiung City		
		6401	Yancheng Dist., Kaohsiung City		
		6402	Gushan Dist., Kaohsiung City		
		6403	Zuoying Dist., Kaohsiung City		

### Appendix 3 Industry code

00	Skip or N/A	72	Architectural And Engineering Technical Services
01	Agriculture and animal husbandry	73	Merchandise Brokers
02	Forestry and Logging	74	Consultation Services
03	Fishing	75	Information Services
05	Coal Mining	76	Advertising Services
06	Crude Petroleum, Natural Gas and Geothermal Sources	77	Design Services
07	Metal Ore Mining	78	Rental and Leasing
08	Non-metallic Mining	79	Other Business Service
09	Quarrying	81	Sanitary and Pollution Controlling Services
11	Food and Beverages Manufacturing	82	Social Welfare Services
12	Tobacco Manufacturing	83	Publishing Industries
13	Textiles Mills	84	Motion Picture Industries
14	Apparel, Clothing Accessories and Other Textile Product Manufacturing	85	Radio and Television Broadcasting
15	Leather, Fur and Allied Product Manufacturing	86	Arts and Literature Service
16	Wood and Bamboo Products Manufacturing	87	Recreational Service
17	Furniture and Fixtures Manufacturing	88	Hotel, Rooming Houses, Camps and Other Lodging Places
18	Pulp, Paper and Paper Products Manufacturing	89	Personal Services
19	Printing and Related Support Activities	91	Public Agency and National Defense
21	Chemical Material Manufacturing	92	Extra-territorial Organizations and Bodies
22	Chemical Products Manufacturing		
23	Petroleum and Coal Products Manufacturing		
24	Rubber Products Manufacturing		
25	Plastic Products Manufacturing		
26	Non-metallic Mineral Products Manufacturing		
27	Basic Metal Industries		
28	Fabricated Metal Products Manufacturing		
29	Machinery and Equipment Manufacturing and Repairing		
31	Electrical & Electronic Machinery, Supplies and Equipment Manufacturing and Repairing		
32	Transport Equipment Manufacturing and Repairing		
33	Precision Instrument & Equipment Manufacturing		
39	Other Industrial Products Manufacturing		
41	Electric Power Supply		
42	Gas Supply		
43	Steam, Hot Water and Thermal Energy Supply		
44	Water Supply		
45	Civil Engineering Construction		
46	Buildings Construction		
47	Mechanics, Electricity, and Pipe Lines Construction		
48	Building Upholstery		
49	Other Construction		
51	Wholesale Trade		
52	Wholesale Trade		
53	Retail Trade		
54	Retail Trade		
55	Retail Trade		
56	International Trading		
57	Eating and Drinking Places		
61	Transportation		
62	Warehousing and Storage		
63	Communications		
65	Financing and Auxiliary Financing		
66	Securities and Futures		
67	Insurance Carriers		
68	Real Estate		
71	Legal and Accounting Services		

## Appendix 4 Occupation Code

- 00 Skip or N/A
- 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