

**Manpower Utilization Survey, 2019**  
**Code book**

ques. num.	variable name	column	variable label	value label	note
	id	1-17	Sample code		string
	area	1	Region	00. Taiwan Province 01. Taipei City 02. Kaohsiung City 03. New Taipei City 04. Taichung City 05. Tainan City 06. Taoyuan City	
	stage	2-3	Stratum		
	county	4-5	County code	Refer to Appendix 1	
	town	6-7	Virtual townships code		
	id1	11-13	Household		
	no	14-15	Persons aged 15 years or over in each sampled household		
	id2	16-17	Serial no. of interviewees in household		
<b>Part I: Manpower</b>					
0	a0	18	Are questions answered by interviewees himself/herself?	01. Yes, self 02. Equivalent 03. No, proxy	
1	a1	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	21	Sex	01. Male 02. Female	
3	a3	22-24	Current age in full years		

ques. num.	variable name	column	variable label	value label	note
4	a4	25	Marital status	01. Never married 02. Married and cohabited 03. Divorced or separated 04. Widowed	
5-1	a5_1	26	Are you attending schools currently?	01. Yes (go to Q5-2) 02. No, had been graduated (go to Q5-2) 03. No, had been suspended (go to Q5-2) 04. No, never attended any school that is (was) approved by the ministry of education (go to Q5-2)	
5-2	a5_2	27	Are you currently joining in any vocational training program?	1. Yes (go to Q5-3) 2. No (go to Q5-3)	
5-3	a5_3	28-29	Educational attainment (highest)	01. Illiterate (skip to Q7) 02. Self-educated (skip to Q7) 03. Primary school (skip to Q7) 04. Junior high school (skip to Q7) 05. Senior high school (skip to Q7) 06. Vocational school (go to Q6) 07. Junior college (go to Q6) 08. University (go to Q6) 09. Master's (go to Q6) 10. Ph.D's (go to Q6)	
6	a6	30-31	Academic or professional specialty	00. Skip or N/A 01. Literature (go to Q7) 02. Law (go to Q7) 03. Business, management, Journalism and Information (go to Q7) 04. Science (go to Q7) 05. Engineering (go to Q7) 06. Agriculture (go to Q7) 07. Medical (go to Q7) 08. Military and police (go to Q7) 09. Education (go to Q7)	

ques. num.	variable name	column	variable label	value label	note
				10. Personal services (go to Q7) 11. Arts and design (go to Q7) 12. Social Sciences and services (go to Q7) 13. Others (go to Q7)	
7	a7	32	Have you ever retired from any public/private establishments before?	01. Yes (go to Q8) 02. No (go to Q8)	
8	a8	33-34	What were you mainly doing during last week?	01. Undertaking some kind of work (skip to Q10) 02. Undertaking work after school hours (skip to Q10) 03. Undertaking work after housekeeping hours (skip to Q10) 04. Having a job but not at work (skip to Q13) 05. jobless and seeking work or waiting for an offer after job seeking (skip to Q15) 06. Intending and being able to work but not seeking (skip to MU Q13) 07. Attending schools or rebrushing to take entrance exams (mark (2) and (5) respectively, if working part-time or seeking work simultaneously) (go to Q9) 08. Housekeeping (mark (3) or (5) respectively, if working part-time or seeking work simultaneously) (go to Q9) 09. Elderly (aged 65 and above) or disabled persons (go to Q9)	

ques. num.	variable name	column	variable label	value label	note
				10. Idleness (go to Q9) 11. Wounded or illness (go to Q9) 12. In armed force, prison or missing (stop) 13. Others (go to Q9)	
9	a9	35	Were you undertaking any paid or unpaid family work last week?	01. Undertaking work after school or housekeeping hours (go to Q10) 02. Undertaking some kind of work (go to Q10) 03. Having a job but not at work (skip to Q13) 04. Not undertaking any job (skip to MU Q13)	
10	How many hours did you work last week?				
	a10_1a	36-38	for the major job: full time _____ hours	00. Skip or N/A	go to Q11 if total hours less than 35; otherwise, skip to Q21
	a10_1b	39-41	for the major job: part time _____ hours		
	a10_2a	42-43	for all other job: full time _____ hours		
	a10_2b	44-45	for all other job: part time _____ hours		
	a10_1	46-48	for the major job __ hours		
	a10_2	49-51	for all other jobs __ hours		
11	a11	52-53	Why did you work less than 35 hours last week?	00. Skip or N/A 01. Slack work/business conditions (go to Q12) 02. Could not find work more than 35 hours per week (go to Q12) 03. Seasonal matter (go to Q12) 04. bad weather or natural calamities (go to Q12) 05. Full-time workweek is less than 35 hours (go to Q12) 06. Taking care of children under aged 12 (skip to Q12)	

ques. num.	variable name	column	variable label	value label	note
				07. Taking care of older family members aged 65 & over (skip to Q12) 08. Housekeeping (including taking care of other family members) (skip to Q12) 09. School/training (skip to Q12) 10. Wounded, illness or ill health (skip to Q12) 11. Official holidays, personal leaves except illness, special days off (skip to Q21) 12. Unwilling to work longer (go to Q21) 13. Others (skip to Q12)	
12	a12	54	Do you expect to increase working hours?	00. Skip or N/A 01. Yes (skip to Q21) 02. No (skip to Q21)	
13	a13	55	Why were you absent from work last week?	00. Skip or N/A 01. Wounded of illness (skip to Q21) 02. Seasonal reasons (skip to Q21) 03. Official holidays, personal leaves or special days off (skip to Q21) 04. Deciding to start working in the near future but no pay currently (skip to Q18) 05. Not starting to work yet for some reasons even though have employed and paid (skip to Q21) 06. Waiting for recall to work (go to Q14) 07. Others (skip to Q21)	
14	a14	56	Did you earn any pay from work last week?	00. Skip or N/A 01. Yes (skip to Q21) 02. No (skip to Q18)	
15	a15	57	If there is a job offer, can you take it at	00. Skip or N/A	

ques. num.	variable name	column	variable label	value label	note
			once?	01. Yes (go to Q16) 03. No, because of attending school or rebrushing to taking entrance exams (skip to MU Q13) 04. No, because of housekeeping (skip to MU Q13) 05. No, because of elderly (aged 65 and above) or disable persons (skip to MU Q13) 06. No, because of idleness (skip to MU Q13) 07. No, because of wounded or illness (skip to MU Q13) 08. No, because of others (skip to MU Q13)	
16	a16_1	58	How did you seek a job? (multiple choices)	00. Skip or N/A	
	a16_2	59		01. Referenced by relatives, friends or teachers (go to Q17)	
	a16_3	60		02. Through private employment agencies (go to Q17)	
	a16_4	61		03. Referring recruiting advertisements or posters (go to Q17)	
	a16_5	62		04. Through public employment offices (go to Q17)	
	a16_6	63		05. Through civil service exams and placement (go to Q17)	
				06. Others (go to Q17)	
17	a17	64	Do you expect to take a full-time job (35 or more hours per week) or a part-time job?	00. Skip or N/A 01. A full-time job (go to Q18) 02. A part-time job (go to Q18)	
18	a18	65-66	How long did you take for current job seeking or waiting for a recall to work	00. Skip or N/A 99. Over 99 weeks	

ques. num.	variable name	column	variable label	value label	note
			since you were jobless? _____ weeks (all go to Q19)		
19	a19	67	Did you have a job before?	00. Skip or N/A 01. Yes (go to Q20) 02. No (skip to MU Q10)	
20	a20	68-69	What was the main reason you left the last job mentioned in Q19?	00. Skip or N/A 01. Business shrunk or establishment closed (go to Q21) 02. Unsatisfied to that job (go to Q21) 03. Ill health (go to Q21) 04. Seasonal or temporary work finished (go to Q21) 05. Got married or gave birth (if interviewee is female) (go to Q21) 06. Retired (go to Q21) 07. Busy in housekeeping (go to Q21) 08. Others (go to Q21)	
21	What is the main workplace you are/were in?				
	a21_a1	70-73	(1)location of this workplace	Refer to Appendix 2	
	a21_a2	74-75	(2)name of workplace and its major products or services	Refer to Appendix 3	
	a21_a3	76	(3)Number of employees	00. Skip or N/A 01. 1 person 02. 2-9 persons 03. 10-29 persons 04. 30-49 persons 05. 50-99 persons 06. 100-199 persons 07. 200-499 persons 08. 500 persons or more 09. government or public sector	
	a21_b2	77-78	What is the secondary workplace you are/were in? (2)name of workplace and its major products or services	Refer to Appendix 3	
22	What is/was your duty in the main workplace mentioned in Q21?				

ques. num.	variable name	column	variable label	value label	note
	a22_a	79-80	A. description of the major job (go to Q23)	Refer to Appendix 4	
	a22_b	81-82	B. description of the secondary job (go to Q23)		
23	What is/was the class of workers you are/were in for the undertaken work?				
	a23_a	83	A. for the major job	00. Skip or N/A 01. Employer 02. Own-account worker	
	a23_b	84	B. for the secondary job	03. Government employee 04. Private-sector employee 05. Unpaid family worker	
Part II : Manpower Utilization					
1	b1_a	85-90	i. At your major job, how much do you usually receive in monthly earnings? Monthly earnings: NT\$ _____	00. Skip or N/A 01. Financial deficiency 999999. NT\$1,000,000 and over	Unpaid family workers skip this question to Q2
	b1_b	91	ii. What is the way to receive the earnings?	00. Skip or N/A 01. By month (go to Q2) 02. By hour (go to Q2) 03. By day (go to Q2) 04. By performance (go to Q2) 05. By the pieces of work done (go to Q2) 06. Others (go to Q2)	Employees only
2	b2_a	110	i. Do you usually work full-time or part-time at your major job?	00. Skip or N/A 01. Full-time (go to Q3) 02. Part-time (go to Q3)	
	b2_b	111-112	ii. How many hours per week do you usually work at your major job? Number of hours usually worked per week _____	00. Skip or N/A	
	b2_c	113	iii. Is it a temporary or dispatched work?	00. Skip or N/A 01. Yes (go to Q3) 02. No (go to Q3)	

ques. num.	variable name	column	variable label	value label	note
	b2_d	114-115	iv. Major reason to take a part-time, temporary or dispatched work at major job	00. Skip or N/A 01. Holding multiple jobs concurrently (go to Q3) 02. With a burden of housekeeping (go to Q3) 03. Attending schools or training programs (go to Q3) 04. Failing to get a regular full-time job (go to Q3) 05. Occupational features (go to Q3) 06. Ill health, wound or illness (go to Q3) 07. Preparing employment or certificate exams (go to Q3) 08. Preferring this type of work (go to Q3) 09. Others (go to Q3) 10. Do not take part-time, temporary or dispatched work at major job (go to Q3)	
	b2_e	116	v. Whether preferring to take a regular full-time work at major job?	00. Skip or N/A 01. Yes (skip to Q3) 02. No (go to vi if iv. mark (4) ; otherwise, skip to Q3)	
	b2_f	117	vi. Main reason for not preferring a regular full-time work at major job?	0000. Skip or N/A 01. Believe there are no jobs available (go to Q3) 02. Believe there are no jobs for which they qualify (go to Q3) 03. Others (go to Q3)	
3	How long have you been working at the present workplace?				
	b3	118-121	Duration of present employment: _____years _____months (If the length of working period is less than 1 year and 5 months, go to Q4; otherwise, skip to Q8)	0000. Skip or N/A	string

ques. num.	variable name	column	variable label	value label	note
	b3_y	118-1119	Duration of present employment: _____ years	00. 0 year or Skip, N/A	
	b3_m	120-121	Duration of present employment: _____ months	00. 0 month or Skip, N/A	
4	b4	122	Before working at the present place, had you ever taken a gainful job or an unpaid family work for at least three months?	00. Skip or N/A 01. Yes (go to Q5) 02. No (skip to Q8)	
5	b5	123	How many times have you changed your workplaces during 2018?	00. Skip or N/A 01. Once (go to Q6) 02. Twice (go to Q6) 03. Three times & over (go to Q6) 04. None (skip to Q8)	
6	Where did you previously worked and what sort of work did you mainly do up there?				
	b6_a1	124-127	i. Major workplace (1)Location	Refer to Appendix 2	
	b6_a2	128-129	i. Major workplace (2)Major product or business and company title	Refer to Appendix 3	
	b6_a3	130	i. Major workplace (3)Number of employees	00. Skip or N/A 01. 1 02. 2-9 03. 10-29 04. 30-49 05. 50-99 06. 100-199 07. 200-499 08. 500 or more 09. Government organization	
	b6_b	131-132	ii. Description of work contents, job title and branch/department	Refer to Appendix 4	
	b6_c	133	iii. Is it a part-time, temporary or dispatched work?	00. Skip or N/A 01. Yes (go to Q7) 02. No (go to Q7)	
7	b7	134-135	Why did you leave the place where you previously worked at?	00. Skip or N/A 01. Own account worker (or employer) transferred to another job (go to Q8) 02. Unpaid family worker transferred to another job (go to Q8) 03. Employee who left his/her last job on his/her	

ques. num.	variable name	column	variable label	value label	note
				<p>own will: Unfavorable pay (go to Q8)</p> <p>04. Employee who left his/her last job on his/her own will: Expecting to change working place (go to Q8)</p> <p>05. Employee who left his/her last job on his/her own will: Inadequate working time (go to Q8)</p> <p>06. Employee who left his/her last job on his/her own will: No job security (go to Q8)</p> <p>07. Employee who left his/her last job on his/her own will: Poor working environment (go to Q8)</p> <p>08. Employee who left his/her last job on his/her own will: Knowledge not met the job's need (go to Q8)</p> <p>09. Employee who left his/her last job on his/her own will: Dim prospect (go to Q8)</p> <p>10. Employee who left his/her last job on his/her own will: Ill health (go to Q8)</p> <p>11. Employee who left his/her last job on his/her own will: Getting married or giving birth (go to Q8)</p> <p>12. Employee who left his/her last job on his/her own will: Responsibility in taking care of children under age 12</p> <p>13. Employee who left</p>	

ques. num.	variable name	column	variable label	value label	note
				<p>his/her last job on his/her own will: Responsibility in taking care of elder family members.</p> <p>14. Employee who left his/her last job on his/her own will: Housekeeping (go to Q8)</p> <p>15. Employee who left his/her last job on his/her own will: Voluntarily (financial incentives) retired (go to Q8)</p> <p>16. Employee who left his/her last job on his/her own will: Establishing self/family own business/enterprise (go to Q8)</p> <p>17. Employee who left his/her last job on his/her own will: Others (go to Q8)</p> <p>18. Employee who unwillingly left his/her last job: Workplace business shrinkage or shutout (go to Q8)</p> <p>19. Employee who unwillingly left his/her last job: Seasonal or temporary job completed (go to Q8)</p> <p>20. Employee who unwillingly left his/her last job: Layoff because of personnel reorganization in last workplace (go to Q8)</p> <p>21. Employee who unwillingly left his/her last job: Getting married or giving birth (go to Q8)</p>	

ques. num.	variable name	column	variable label	value label	note
				22. Employee who unwillingly left his/her last job: Relocating across workplaces but within enterprise (go to Q8) 23. Employee who unwillingly left his/her last job: Mandatorily retired (go to Q8) 24. Employee who unwillingly left his/her last job: Others (go to Q8)	
8	b8	136	Do you expect to change job or have additional jobs in the meantime?	00. Skip or N/A 01. Expecting to change job (go to Q9) 02. Expecting to have additional jobs (go to Q9) 03. Not expecting to seek another job (skip to Q17)	
9	b9	137	Have you begun to seek a job? (If single stop here; otherwise skip to Q17)	00. Skip or N/A 01. Yes, I have (skip to Q17) 02. No, I have not (skip to Q17)	
10	b10_a	138-139	What kind of job do you wish to seek? A. Job title	Refer to Appendix 4	
	b10_b	140-145	B. Expected monthly pay should be at least: NT\$ _____	00. Skip or N/A	
	b10_c	146	C. Is it a part-time, temporary or dispatched job?	00. Skip or N/A 01. Yes (go to Q11) 02. No (go to Q11)	
	b10_d1	147	D. Can you accept work shift, regular overtime or rotational leave? (1)Cannot accept any one above	00. Skip or N/A 01. No. Cannot accept any one above (go to Q11)	
	b10_d2_1	148	D. Can you accept work shift, regular overtime or rotational leave? (2)Can accept (multiple choices)	00. Skip or N/A 01. Work shift (go to Q11) 02. Regular overtime (go to Q11) 03. Rotational leave (go to Q11)	
	b10_d2_2	149			
	b10_d2_3	150			

ques. num.	variable name	column	variable label	value label	note
11	Where is the location of the job you searched?				
	b11_a1	151-148	A. Location of searched job: (1)Only limited in _____ County/City	Refer to Appendix 1	
	b11_a2_1	149	A. Location of searched job: (2)Not limited in one County/City, including area below (multiple choices)	00. Skip or N/A	
	b11_a2_2	150		01. Northern region (go to Q12)	
	b11_a2_3	151		02. Central region (go to Q12)	
	b11_a2_4	152		03. Southern region (go to Q12)	
	b11_a2_5	153		04. Eastern region (go to Q12)	
	b11_a2_6	154		05. Kingmen/Matsu area (go to Q12)	
	b11_a2_7	155		06. H.K., Makau or China (go to Q12)	
			07. Other country (go to Q12)		
12	Did you have any job opportunity in seeking process?				
	b12_a1	160	A. Yes. What was the main reason that you did not go for it?	00. Skip or N/A 01. Unfavorable pay (go to Q17) 02. Unpreferable working location (go to Q17) 03. Poor working environment (go to Q17) 04. Inadequate working hours (go to Q17) 05. Work shift or rotational leave requirements (go to Q17) 06. Knowledge not met job's need (go to Q17) 07. Dim prospect (go to Q17) 08. Lack of interests (go to Q17) 09. Others (go to Q17)	
	b12_a2	161	A. Yes. What was the secondary reason that you did not go for it?		
	b12_a3	162	A. Yes. What was the sub-secondary reason that you did not go for it?		

ques. num.	variable name	column	variable label	value label	note
	b12_b1	163	B-1. No. What was the main situation that you could not find a job?	00. Skip or N/A 01. Never met suitable offer (go to Q13B-2) 02. Never got interview opportunity or never pass the written test (go to Q13B-2) 03. Only got interviews but never got hired (go to Q13B-2) 04. Others (go to Q13B-2)	
	b12_b2_1	164-165	B-2. No. What was the major difficulty that you faced in job seeking process?	00. Skip or N/A 01. Expertise unfitted (go to Q17)	
	b12_b2_2	166-167	B-2. No. What was the secondary difficulty that you faced in job seeking process?	02. Educational attainment unfitted (go to Q17) 03. Age limit imposed (go to Q17)	
	b12_b2_3	168-169	B-2. No. What was the sub-secondary difficulty that you faced in job seeking process?	04. Sex status restricted on job openings (go to Q17) 05. Language barrier (go to Q17) 06. Marital status restricted on job openings (go to Q17) 07. No favorable occupation available (go to Q17) 08. Unfavorable pay (go to Q17) 09. Unfavorable working conditions (go to Q17) 10. Others (go to Q17)	
13	b13_1	170-171	Were you employed more than 3 months or worked as an unpaid family worker in 2018? (1) Yes. What kind of work did you do? Job title: _____	Refer to Appendix 4	
	b13_2	172	Were you employed more than 3 months or worked as an unpaid family worker in 2018?	00. Skip or N/A 02. No (skip to Q15)	
14	b14	173-174	Why did you quit your job? (Unpaid family workers skip this question)	00. Skip or N/A 01. Attending schools or rebrushing to take	

ques. num.	variable name	column	variable label	value label	note
				<p>entrance exams (go to Q15)</p> <p>02. Female employee getting married or giving birth (go to Q15)</p> <p>03. Responsibility in taking care of children under age 12 (go to Q15)</p> <p>04. Responsibility in taking care of elder family members age 65 years &amp; over (go to Q15)</p> <p>05. Housekeeping (including those who have responsibility in taking care of disabled family members) (go to Q15)</p> <p>06. Family finance getting better (go to Q15)</p> <p>07. Wound or illness. (go to Q15)</p> <p>08. Retired (go to Q15)</p> <p>09. Seasonal or temporary job completed (go to Q15)</p> <p>10. Not satisfied to that job (go to Q15)</p> <p>11. Business shrunk or establishment closed (go to Q15)</p> <p>12. Others (go to Q15)</p>	
15	b15	175	Had you sought for a job in 2018?	<p>00. Skip or N/A</p> <p>01. Yes. Believes no job available in the markets (go to Q16)</p> <p>02. Yes. Lacks necessary schooling, training, skills or experience etc., couldn't find any work (go to Q16)</p> <p>03. Yes. Other reasons, so stop seeking (go to Q16)</p> <p>04. No. Never sought in</p>	

ques. num.	variable name	column	variable label	value label	note
				2018 (go to Q16)	
16	If the work condition of a job ideally meet your requirement, are you willing to work?				
	b16_a1	176-177	A. Yes. What is the work condition of expected job? job title	Refer to Appendix 4	
	b16_a2	178-181	A. Yes. What is the work condition of expected job? working location	Refer to Appendix 2	
	b16_a3	182-187	A. Yes. What is the work condition of expected job? monthly pay(NT\$)	00. Skip or N/A	
	b16_a4	188	A. Yes. What is the work condition of expected job? job type	00. Skip or N/A 01. Full-time job (go to Q17) 02. Part-time job (go to Q17)	
	b16_a5	189	A. Yes. What is the work condition of expected job? Is it a temporary or dispatched work?	00. Skip or N/A 01. Yes (go to Q17) 02. No (go to Q17)	
	b16_b	190-191	B. No. Why not willing to work?	00. Skip or N/A 01. Female employee getting married or giving birth (go to Q17) 02. Enough family income, no need to work (go to Q17) 03. Responsibility in taking care of children under age 12 (go to Q17) 04. Responsibility in taking care of elder family members age 65 years & over (go to Q17) 05. Responsibility in taking care of disabled family members (go to Q17) 06. Housekeeping (go to Q17) 07. Disabled (go to Q17) 08. Ill health, wound or illness (not including disabled) (go to Q17) 09. Attending schools or rebrushing to take entrance exams (go to Q17) 10. Waiting for conscription	

ques. num.	variable name	column	variable label	value label	note
				(go to Q17) 11. Giving a helping hand to family business (go to Q17) 12. Getting older (must age 50 & over) (go to Q17) 13. Others (go to Q17)	
17	How many children do you have?				If married or cohabited, go to C
	b17_a1	192	A. Have children: children under 3 years old: _____ persons	00. Skip or N/A	
	b17_a2	193	A. Have children: children aged 3 - under 6 years old: _____ persons		
	b17_a3	194	A. Have children: children aged 6 - under 12 years old: _____ persons		
	b17_a4	195	A. Have children: children aged 12 - under 15 years old: _____ persons		
	b17_a5	196	A. Have children: children aged 15 - under 18 years old: _____ persons		
	b17_a6	197-198	A. Have children: children aged 18 years & over: _____ persons		
	b17_b	199	B. No child yet: it means the interviewee doesn't have any child yet	00. Skip or N/A 01. No child yet	
	b17_c	200-201	C. Serial no. of your spouse/cohabiter in household: _____	00. Skip or N/A 99. Not in the household	
	weight	202-206	Weight		

## **Appendix 1    County Code**

- 02. Yilan County
- 04. Hsinchu County
- 05. Miaoli County
- 07. Changhua County
- 08. Nantou County
- 09. Yunlin County
- 10. Chiayi County
- 13. Pingtung County
- 14. Taitung County
- 15. Hualien County
- 16. Penghu County
- 17. Keelung City
- 18. Hsinchu City
- 20. Chiayi City
- 63. Taipei City
- 64. Kaohsiung City
- 65. New Taipei City
- 66. Taichung City
- 67. Tainan City
- 68. Taoyuan City
- 75. Kinmen County and Matsu County
- 76. Mainland China (including Hong Kong and Makau)
- 77. Foreign Area

## Appendix 2 Townships Code

0000. Skip or N/A	0510. Tongluo Township, Miaoli County
0200. Yilan County	0511. Nanjhuang Township, Miaoli County
0201. Yilan City, Yilan County	0512. Touwu Township, Miaoli County
0202. Luodong Township, Yilan County	0513. Sanyi Township, Miaoli County
0203. Suao Township, Yilan County	0514. Sihu Township, Miaoli County
0204. Toucheng Township, Yilan County	0515. Zaociao Township, Miaoli County
0205. Jiaosi Township, Yilan County	0516. Sanwan Township, Miaoli County
0206. Jhuangwei Township, Yilan County	0517. Shihtan Township, Miaoli County
0207. Yuanshan Township, Yilan County	0518. Taian Township, Miaoli County
0208. Dongshan Township, Yilan County	0700. Changhua County
0209. Wujie Township, Yilan County	0701. Changhua City, Changhua County
0210. Sansing Township, Yilan County	0702. Lugang Township, Changhua County
0211. Datong Township, Yilan County	0703. Hemei Township, Changhua County
0212. Nanao Township, Yilan County	0704. Siansi Township, Changhua County
0400. Hsinchu County	0705. Shengang Township, Changhua County
0401. Jhubei City, Hsinchu County	0706. Fusing Township, Changhua County
0402. Jhudong Township, Hsinchu County	0707. Sioushuei Township, Changhua County
0403. Sinpu Township, Hsinchu County	0708. Huatan Township, Changhua County
0404. Guansi Township, Hsinchu County	0709. Fenyuan Township, Changhua County
0405. Hukou Township, Hsinchu County	0710. Yuanlin Township, Changhua County
0406. Sinfong Township, Hsinchu County	0711. Sihu Township, Changhua County
0407. Cyonglin Township, Hsinchu County	0712. Tianjhong Township, Changhua County
0408. Hengshan Township, Hsinchu County	0713. Dacun Township, Changhua County
0409. Beipu Township, Hsinchu County	0714. Puyan Township, Changhua County
0410. Baoshan Township, Hsinchu County	0715. Pusin Township, Changhua County
0411. Emei Township, Hsinchu County	0716. Yongjing Township, Changhua County
0412. Jianshih Township, Hsinchu County	0717. Shetou Township, Changhua County
0413. Wufong Township, Hsinchu County	0718. Ershuei Township, Changhua County
0500. Miaoli County	0719. Beidou Township, Changhua County
0501. Miaoli City, Miaoli County	0720. Erlin Township, Changhua County
0502. Yuanli Township, Miaoli County	0721. Tianwei Township, Changhua County
0503. Tongsiao Township, Miaoli County	0722. Pitou Township, Changhua County
0504. Jhunan Township, Miaoli County	0723. Fangyuan Township, Changhua County
0505. Toufen Township, Miaoli County	0724. Dacheng Township, Changhua County
0506. Houlong Township, Miaoli County	0725. Jhutang Township, Changhua County
0507. Jhuolan Township, Miaoli County	0726. Sijhou Township, Changhua County
0508. Dahu Township, Miaoli County	0800. Nantou County
0509. Gongguan Township, Miaoli County	0801. Nantou City, Nantou County

0802. Puli Township, Nantou County	1007. Singang Township, Chiayi County
0803. Caotun Township, Nantou County	1008. Liujiao Township, Chiayi County
0804. Jhushan Township, Nantou County	1009. Dongshih Township, Chiayi County
0805. Jiji Township, Nantou County	1010. Yijhu Township, Chiayi County
0806. Mingjian Township, Nantou County	1011. Lucao Township, Chiayi County
0807. Lugu Township, Nantou County	1012. Shueishang Township, Chiayi County
0808. Jhongliao Township, Nantou County	1013. Jhongpu Township, Chiayi County
0809. Yuchih Township, Nantou County	1014. Jhuci Township, Chiayi County
0810. Guosing Township, Nantou County	1015. Meishan Township, Chiayi County
0811. Shueili Township, Nantou County	1016. Fanlu Township, Chiayi County
0812. Sinyi Township, Nantou County	1017. Dapu Township, Chiayi County
0813. Renai Township, Nantou County	1018. Alishan Township, Chiayi County
0900. Yunlin County	1300. Pingtung County
0901. Douliou City, Yunlin County	1301. Pingtung City, Pingtung County
0902. Dounan Township, Yunlin County	1302. Chaozhou Township, Pingtung County
0903. Huwei Township, Yunlin County	1303. Donggang Township, Pingtung County
0904. Siluo Township, Yunlin County	1304. Hengchun Township, Pingtung County
0905. Tuku Township, Yunlin County	1305. Wandan Township, Pingtung County
0906. Beigang Township, Yunlin County	1306. Changjhih Township, Pingtung County
0907. Gukeng Township, Yunlin County	1307. Linluo Township, Pingtung County
0908. Dabi Township, Yunlin County	1308. Jiouru Township, Pingtung County
0909. Cihong Township, Yunlin County	1309. Ligang Township, Pingtung County
0910. Linnei Township, Yunlin County	1310. Yanpu Township, Pingtung County
0911. Erlun Township, Yunlin County	1311. Gaoshu Township, Pingtung County
0912. Lunbei Township, Yunlin County	1312. Wanluan Township, Pingtung County
0913. Mailiao Township, Yunlin County	1313. Neipu Township, Pingtung County
0914. Dongshih Township, Yunlin County	1314. Jhutian Township, Pingtung County
0915. Baozhong Township, Yunlin County	1315. Sinbi Township, Pingtung County
0916. Taisi Township, Yunlin County	1316. Fangliao Township, Pingtung County
0917. Yuanchang Township, Yunlin County	1317. Sinyuan Township, Pingtung County
0918. Sihhu Township, Yunlin County	1318. Kanding Township, Pingtung County
0919. Kouhu Township, Yunlin County	1319. Linbian Township, Pingtung County
0920. Shueilin Township, Yunlin County	1320. Nanjhou Township, Pingtung County
1000. Chiayi County	1321. Jiadong Township, Pingtung County
1001. Taibao City, Chiayi County	1322. Liouciu Township, Pingtung County
1002. Puzih City, Chiayi County	1323. Checheng Township, Pingtung County
1003. Budai Township, Chiayi County	1324. Manzhou Township, Pingtung County
1004. Dalin Township, Chiayi County	1325. Fangshan Township, Pingtung County
1005. Minsyong Township, Chiayi County	1326. Sandimen Township, Pingtung County
1006. Sikou Township, Chiayi County	1327. Wutai Township, Pingtung County

1328. Majia Township, Pingtung County	1602. Husi Township, Penghu County
1329. Taiwu Township, Pingtung County	1603. Baisha Township, Penghu County
1330. Laiyi Township, Pingtung County	1604. Siyu Township, Penghu County
1331. Chunrih Township, Pingtung County	1605. Wangan Township, Penghu County
1332. Shihzih Township, Pingtung County	1606. Cimei Township, Penghu County
1333. Mudan Township, Pingtung County	1700. Keelung City
1400. Taitung County	1800. Hsinchu City
1401. Taitung City, Taitung County	2000. Chiayi City
1402. Chenggong Township, Taitung County	6300. Taipei City
1403. Guanshan Township, Taitung County	6400. Kaohsiung City
1404. Beinan Township, Taitung County	6500. New Taipei City
1405. Luye Township, Taitung County	6600. Taichung City
1406. Chishang Township, Taitung County	6700. Tainan City
1407. Donghe Township, Taitung County	6800. Taoyuan City
1408. Changbin Township, Taitung County	7500. Kinmen County and Matsu County
1409. Taimali Township, Taitung County	7600. Mainland China (including Hong Kong and
1410. Dawu Township, Taitung County	Makau)
1411. Lyudao Township, Taitung County	7700. Foreign Area
1412. Haiduan Township, Taitung County	
1413. Yanping Township, Taitung County	
1414. Jinfong Township, Taitung County	
1415. Daren Township, Taitung County	
1416. Lanyu Township, Taitung County	
1500. Hualien County	
1501. Hualien City, Hualien County	
1502. Fonglin Township, Hualien County	
1503. Yuli Township, Hualien County	
1504. Sincheng Township, Hualien County	
1505. Jian Township, Hualien County	
1506. Shoufong Township, Hualien County	
1507. Guangfu Township, Hualien County	
1508. Fongbin Township, Hualien County	
1509. Rueisui Township, Hualien County	
1510. Fuli Township, Hualien County	
1511. Sioulin Township, Hualien County	
1512. Wanrong Township, Hualien County	
1513. Jhuosi Township, Hualien County	
1600. Penghu County	
1601. Magong City, Penghu County	

### Appendix 3 Industry code

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| 00. Skip or N/A   | 29. Manufacture of Machinery and Equipment   |
| 01. Agriculture and Animal Husbandry  | 30. Manufacture of Motor Vehicles and Parts  |
| 02. Forestry  | 31. Manufacture of Other Transport Equipment and Parts   |
| 03. Fishing and Aquaculture   | 32. Manufacture of Furniture   |
| 05. Extraction of Crude Petroleum and Natural Gas   | 33. Other Manufacturing  |
| 06. Quarrying of Stone, Sand, Clay and Other Mining   | 34. Repair and Installation of Industrial Machinery and Equipment  |
| 08. Manufacture of Food Products and Prepared Animal Feeds  | 35. Electricity and Gas Supply   |
| 09. Manufacture of Beverages  | 36. Water Supply   |
| 10. Manufacture of Tobacco Products   | 37. Wastewater and Sewage Treatment  |
| 11. Manufacture of Textiles   | 38. Waste Collection, Treatment and Disposal Activities; Materials Recovery                                    |
| 12. Manufacture of Wearing Apparel and Clothing Accessories   | 39. Remediation Activities and Other Waste Management Services   |
| 13. Manufacture of Leather, Fur and Related Products  | 41. Construction of Buildings  |
| 14. Manufacture of Wood and of Products of Wood and Bamboo  | 42. Civil Engineering  |
| 15. Manufacture of Paper and Paper Products   | 43. Specialized Construction Activities  |
| 16. Printing and Reproduction of Recorded Media   | 45. Wholesale Trade  |
| 17. Manufacture of Petroleum and Coal Products  | 46. Wholesale Trade  |
| 18. Manufacture of Chemical Material, Fertilizers and Nitrogen Compounds, Plastic and Rubber Materials, Man-made Fibres | 47. Retail Trade   |
| 19. Manufacture of Other Chemical Products  | 48. Retail Trade   |
| 20. Manufacture of Pharmaceuticals and Medicinal Chemical Products  | 49. Land Transportation  |
| 21. Manufacture of Rubber Products  | 50. Water Transportation   |
| 22. Manufacture of Plastics Products  | 51. Air Transport  |
| 23. Manufacture of Other Non-metallic Mineral Products  | 52. Support Activities for Transportation  |
| 24. Manufacture of Basic Metals   | 53. Warehousing and Storage  |
| 25. Manufacture of Fabricated Metal Products  | 54. Postal and Courier Activities  |
| 26. Manufacture of Electronic Parts and Components  | 55. Accommodation  |
| 27. Manufacture of Computers, Electronic and Optical Products   | 56. Food and Beverage Service Activities   |
| 28. Manufacture of Electrical Equipment   | 58. Publishing Activities  |
|   | 59. Motion Picture, Video and Television Programme Production, Sound Recording and Music Publishing Activities |
|   | 60. Programming and Broadcasting Activities  |
|   | 61. Telecommunications   |
|   | 62. Computer programming, consultancy and related activities   |

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| 63. Information service activities                   | 94. Activities of Membership Organizations |
| 64. Financial Service Activities                     | 95. Maintenance and Repair of Personal and |
| 65. Insurance  | Household Goods                            |
| 66. Security, Commodity Contracts, and Activities    | 96. Other Personal Service Activities      |
| Auxiliary to Financial Service Activities            |  |
| 67. Real Estate Development Activities               |  |
| 68. Real Estate Operation and Related Activities     |  |
| 69. Legal and Accounting Activities                  |  |
| 70. Activities of Head Offices; Management           |  |
| Consultancy Activities                               |  |
| 71. Architecture and Engineering Activities;         |  |
| Technical Testing and Analysis                       |  |
| 72. Scientific Research and Development              |  |
| 73. Advertising and Market Research                  |  |
| 74. Specialized Design Activities                    |  |
| 75. Veterinary Activities                            |  |
| 76. Other Professional, Scientific and Technical     |  |
| Activities   |  |
| 77. Rental and Leasing Activities                    |  |
| 78. Employment Activities                            |  |
| 79. Travel agency, Tour Operator, Reservation        |  |
| Service and Related Activities                       |  |
| 80. Security and Investigation Activities            |  |
| 81. Services to Buildings and Landscape Activities   |  |
| 82. Office Administrative and Support Activities     |  |
| 83. Public Administration and Defence;               |  |
| Compulsory Social Security                           |  |
| 84. Activities of Extraterritorial Organizations and |  |
| Bodies   |  |
| 85. Education  |  |
| 86. Human Health Activities                          |  |
| 87. Residential Care Activities                      |  |
| 88. Social Work Activities without Accommodation     |  |
| 90. Creative, Arts and Entertainment Activities      |  |
| 91. Libraries, Archives, Museums and Other           |  |
| Cultural Activities                                  |  |
| 92. Gambling and Betting Activities                  |  |
| 93. Sports Activities and Amusement and              |  |
| Recreation Activities                                |  |

## Appendix 4 Occupation Code

00. Skip or N/A	79. Other Craft and Related Trades Workers
01. Armed Forces Occupations	81. Stationary Plant and Machine Operators
11. Legislators, Senior Officials and Chief Executives	82. Assemblers
12. Administrative and Commercial Managers	83. Drivers and Mobile Plant Operators
13. Production and Specialized Services Managers	91. Cleaners and Helpers
14. Hospitality, Retail and Other Establishments Services Managers	92. Agricultural, Forestry and Fishery Labourers
21. Science and Engineering Professionals	93. Labourers in Mining, Construction, Manufacturing and Transportation
22. Health Professionals	94. Street Service Workers and No-Food Vendors
23. Teaching Professionals	95. Refuse Workers, Sweepers and Related Workers
24. Business and Administration Professionals	99. Other Elementary Labourers
25. Information and Communications Technology Professionals	
26. Legal, Social and Cultural Professionals	
31. Science and Engineering Associate Professionals	
32. Health Associate Professionals	
33. Business and Administration Associate Professionals	
34. Legal, Social, Cultural and Related Associate Professionals	
35. Information and Communications Technicians	
41. General and Keyboard Clerks	
42. Customer Services Clerks	
43. Accounting, Production, Transport and Related Clerks	
49. Other Clerical Support Workers	
51. Personal Service Workers	
52. Sales Workers and Demonstrators	
53. Personal Care Workers	
54. Protective Services Workers	
60. Skilled Agricultural, Forestry and Fishery Workers	
71. Building and Related Trades Workers	
72. Metal, Machinery and Related Trades Workers	
73. Handicraft and Printing Workers	
74. Electrical and Electronic Trades Workers	