

# Manpower Utilization Quasi-longitudinal Data:2019-2020

## Code Book

ques.num.	variable name <sup>1</sup>	variable label	value label	note
	year	The survey year		
<b>Part I: Manpower</b>				
	area	Region	0. Taiwan Province 1. Taipei City 2. Kaohsiung City 3. New Taipei City 4. Taichung City 5. Tainan City 6. Taoyuan City	
	stage	Stratum		
	sampleid	Sample code		
	prefid	County code	Refer to Appendix 1	
	hussize	Persons aged 15 years or over in each sampled household		
	memberid	Serial no. of interviewees in household	Householder is 1, and the others are filled by the household registration order	
0	respstatus	Are questions answered by interviewees himself/herself?	1. Yes, self 2. Equivalent 3. No, proxy	
1	relahushead	Relationship to householder	01. Householder 02. Spouse 03. Child 04. Grandchild 05. Parent 06. Grandparent 07. Brother/Sister 08. Child's spouse 09. Grandchild's spouse 10. Brother'/Sister' spouse 11. Spouse's parent 12. Spouse's brother/sister 13. Other relatives 14. Others	
2	sex	Sex	1. Male 2. Female	
3	age	Current age in full years		
4	marital	Marital status	1. Never married 2. Married and cohabited 3. Divorced or separated 4. Widowed	

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

ques.num.	variable name <sup>1</sup>	variable label	value label	note
5	schoolstatus	Are you currently attending school?	1. Yes 2. Graduated 3. Suspended 4. Never attending any school that is approved by the Ministry of Education	
	train	Are you currently joining in any vocational training program?	1. Yes 2. No	
	edu	Educational attainment (highest)	01. Illiterate 02. Self-educated 03. Primary school 04. Junior high school 05. Senior high school 06. Vocational school 07. Junior college 08. University 09. Master's 10. Ph. D's	2019
			1. Illiterate 2. Self-educated 3. Primary school 4. Junior high school 5. Senior high school (regular & vocational) 6. Junior college (currently in the first 3 years program should choose (5)) 7. University 8. Master's 9. Ph. D's	2020
6	discipline	Academic or professional specialty	01. Literature 02. Law 03. Business, management, Journalism and Information 04. Science 05. Engineering 06. Agriculture 07. Medical 08. Military and police 09. Education 10. Personal services 11. Arts and design 12. Social Sciences and services 13. Others	2019

ques.num.	variable name <sup>1</sup>	variable label	value label	note
5			01. Literature 02. Law 03. Business, management, Journalism and Information 04. Science 05. Engineering 06. Agriculture 07. Medical 08. Military and police 09. Education 10. Personal services 11. Arts and design 12. Social Sciences and services 13. Regular 14. Others	2020
6	degree	Highest level of school completed (for those who are currently attending university or above level school or suspended from university or above level school)	1. Senior high school (regular & vocational) & below 2. Junior college 3. University 4. Master's 5. Ph. D's	2020
7	retire	Have you ever retired from any public/private establishments before?	1. Yes 2. No	
8	work	What were you mainly doing during last week?	01. Undertook some kind of work 02. Undertook work after school hours 03. Undertook work after housekeeping hours 04. Had a job but not at work 05. Jobless and were seeking one or waiting for an offer after jobs seeking 06. Intended and were able to work but not seeking 07. Attended school/prepared to take entrance exams 08. Housekeeping 09. Elderly (aged 65 and above) or disabled persons 10. Wounded, illness or ill health 11. Idleness 12. In armed force, prison or missing 13. Others	
9	a9	Were you undertaking any paid or unpaid family work last week?	1. Undertook work after school or housekeeping hours 2. Undertook some kind of work 3. Had a job but not at work 4. None	
10	How many hours did you work last week?			
	workhour	A.for the major job: full time hours		

ques.num.	variable name <sup>1</sup>	variable label	value label	note
	a10_1b	A.for the major job: part time hours		
	a10_2a	B.for all other job: full time hours		
	a10_2b	B.for all other job: part time hours		
	a10_1	(1)for the major job _ hours		Created variable
	a10_2	(2)for all other jobs _ hours		
11	whyunderwork	Why did you work less than 35 hours last week?	01. Slack work/business conditions 02. Could not find work more than 35 hours per week 03. Seasonal matter 04. Bad weather or natural calamities 05. Full-time workweek is less than 35 hours 06. Taking care of children under aged 12 07. Taking care of older family members aged 65 & over 08. Housekeeping (including taking care of other family members) 09. School/training 10. Wounded, illness or ill health 11. Official holidays, personal leaves except illness, special days off 12. Unwilling to work longer 13. Others	
12	incworkhour	Do you expect to increase working hours to 35 hours & over per week?	1. Yes 2. No	
13	whynotworking	Why were you absent from work last week?	1. Wounded, illness or ill health 2. Seasonal reasons 3. Official holidays, personal leaves except illness, special days off 4. Decided to wait a new job to begin in the near future but no pay 5. Not starting to work yet for some reasons even though have employed and paid 6. Waiting for recall to work 7. Others	
14	ifjobispaid	Did you earn any pay from work last week?	1. Yes 2. No	

ques.num.	variable name <sup>1</sup>	variable label	value label	note
15	a15	If there is a job offer, can you take it at once?	1. Yes 3. No, because attended school/prepared to take entrance exams 4. No, because of housekeeping 5. No, because elderly (aged 65 and above) or disabled persons 6. No, because Wounded, illness or ill health (except disabled) 7. No, because Idleness 8. No, because of others	
16	How did you seek a job? (tick all that apply)			
	jobsrh1	(1)Referenced by relatives, friends or teachers	0. No 1. Yes	
	jobsrh2	(2)Through private employment offices		
	jobsrh3	(3)Referred recruiting advertisements or posters		
	jobsrh4	(4)Through public employment offices		
	jobsrh5	(5)Through civil service exams and placement		
	jobsrh6	(6)Others		
17	srchp_fjob	Do you expect to take a full-time job or part-time job?	1. Full-time job 2. Part-time job	
18	unemplen	How long did you take for current job seeking or waiting for a recall to work since you were jobless? weeks	99. Over 99 weeks	
19	primaryworker	Did you have a job before?	1. Yes 2. No	
20	whyunemp	What was the main reason you left the last job mentioned in Q19?	01. Business shrunk or establishment closed 02. Unsatisfied to that job 03. Wounded, illness or ill health 04. Seasonal or temporary work finished 05. Got married or gave birth (if interviewee is female) 06. Retired 07. Taking care of children under aged 12 08. Taking care of older family members aged 65 & over 09. Housekeeping (including taking care of other family members) 10. Others	
21	What is the main workplace you are/were in?			
	workpref	(1)Location of this workplace: county code	Refer to Appendix 1	

ques.num.	variable name <sup>1</sup>	variable label	value label	note
	worktown	(1)Location of this workplace: town code	Refer to Appendix 2	
	indu	(2)Name of workplace and its major products or services	Refer to Appendix 3	
	indusize	(3)Number of employees	1. 1 person 2. 2-9 persons 3. 10-29 persons 4. 30-49 persons 5. 50-99 persons 6. 100-199 persons 7. 200-499 persons 8. 500 persons or more 9. government or public sector	
	a21_b2	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?			
	occu	A.Description of the major job	Refer to Appendix 4	
	a22_b	B.Description of the secondary job	Refer to Appendix 4	
23	What is/was the class of workers you are/were in for the undertaken work?			
	workstus	A.For the major job	1. Employer	
	a23_b	B.For the secondary job	2. Own-account worker 3. Government employee 4. Private-sector employee 5. Unpaid family worker	
<b>Part II : Manpower Utilization</b>				
1	income	At your major job, how much do you usually receive in monthly earnings? Monthly earnings: NT\$	1. Financial deficiency 999999. NT\$1,000,000 and over	
	b1_b	What is the way to receive the earnings? (Employees only)	1. Monthly 2. Hourly 3. Daily 4. By performance 5. By the pieces of work done 6. Others	
2	b2_a	Do you usually work full-time or part-time at your major job?	1. Full-time 2. Part-time	
	b2_b	How many hours per week do you usually work at your major job? Number of hours usually worked per week		
	b2_c	Is it a temporary or dispatched work?	1. Yes 2. No	

ques.num.	variable name <sup>1</sup>	variable label	value label	note
	b2_d	Major reason to take a part-time, temporary or dispatched work at major job	00. Skip or N/A 01. Holding multiple jobs concurrently 02. With a burden of housekeeping 03. Attending schools or training programs 04. Failing to get a regular full-time job 05. Occupational features 06. Ill health, wound or illness 07. Preparing employment or certificate exams 08. Preferring this type of work 09. Others 10. Do not take part-time, temporary or dispatched work at major job	
	b2_e	Whether preferring to take a regular full-time work at major job?	1. Yes 2. No	
	b2_f	Main reason for not preferring a regular full-time work at major job?	1. Believe there are no jobs available 2. Believe there are no jobs for which they qualify 3. Others	2019
3	How long have you been working at the present workplace? Duration of present employment:			
	cjobyear	years		
	cjobmonth	months		
4	b4	Before working at the present place, had you ever taken a gainful job or an unpaid family work for at least three months?	1. Yes 2. No	
5	nochgjob	How many times have you changed your workplaces during last year?	0. None 1. Once 2. Twice 3. Three times & over	
6	Where did you previously worked and what sort of work did you mainly do up there?			
	pworkpref	Major workplace (1)Location: county code	Refer to Appendix 1	2019
	pworktown	Major workplace (1)Location: town code	Refer to Appendix 2	2019
	pindu	Major workplace (2)Major product or business and company title	Refer to Appendix 3	
	pindusize	Major workplace (3)Number of employees	1. 1 person 2. 2-9 persons 3. 10-29 persons 4. 30-49 persons 5. 50-99 persons 6. 100-199 persons 7. 200-499 persons 8. 500 persons or more 9. Government organization	2019
	poccu	Description of work contents, job title and branch/department	Refer to Appendix 4	

ques.num.	variable name <sup>1</sup>	variable label	value label	note
	b6_c	Is it a part-time, temporary or dispatched work?	1. Yes 2. No	
7	whyquitpjob	Why did you leave the place where you previously worked at?	01. Own account worker (or employer) transferred to another job 02. Unpaid family worker transferred to another job 03. Employee who left his/her last job on his/her own will: Unfavorable pay 04. Employee who left his/her last job on his/her own will: Expecting to change working place 05. Employee who left his/her last job on his/her own will: Inadequate working time 06. Employee who left his/her last job on his/her own will: No job security 07. Employee who left his/her last job on his/her own will: Poor working environment 08. Employee who left his/her last job on his/her own will: Knowledge not met the job's need 09. Employee who left his/her last job on his/her own will: Dim prospect 10. Employee who left his/her last job on his/her own will: Ill health 11. Employee who left his/her last job on his/her own will: Getting married or giving birth 12. Employee who left his/her last job on his/her own will: Responsibility in taking care of children under age 12 13. Employee who left his/her last job on his/her own will: Responsibility in taking care of elder family members age 65 years & over 14. Employee who left his/her last job on his/her own will: Housekeeping 15. Employee who left his/her last job on his/her own will: Voluntarily (financial incentives) retired 16. Employee who left his/her last job on his/her own will:	



ques.num.	variable name <sup>1</sup>	variable label	value label	note
			Establishing self/family own business/enterprise 17. Employee who left his/her last job on his/her own will: Others 18. Employee who unwillingly left his/her last job: Workplace business shrinkage or shutout 19. Employee who unwillingly left his/her last job: Seasonal or temporary job completed 20. Employee who unwillingly left his/her last job: Layoff because of personnel reorganization in last workplace 21. Employee who unwillingly left his/her last job: Getting married or giving birth 22. Employee who unwillingly left his/her last job: Relocating across workplaces but within enterprise 23. Employee who unwillingly left his/her last job: Mandatorily retired 24. Employee who unwillingly left his/her last job: Others	
8	inttochgjob	Do you expect to change job or have additional jobs in the meantime?	1. Expecting to change job 2. Expecting to have additional jobs 3. Not expecting to seek another job	
9	startsrhjob	Have you begun to seek a job?	1. Yes, I have 2. No, I have not	
10	What kind of job do you wish to seek?			
	expoccu	A.Job title	Refer to Appendix 4	
	expincome	B.Expected monthly pay should be at least: NT\$		
	b10_c	C.Is it a part-time, temporary or dispatched job?	1. Yes 2. No	
	b10_d1	D.Can you accept work shift, regular overtime or rotational leave?	1. Cannot accept any one above 2. Can accept	2019
	b10_d			2020
	What kind of job do you wish to seek? D.Can you accept work shift, regular overtime or rotational leave? (2)Can accept: (multiple choices)			
	b10_d2_1	Work shift	0. No 1. Yes	2019
	b10_d2_2	Regular overtime		
	b10_d2_3	Rotational leave		
11	Where is the location of the job you searched?			
	b11_a1	(1)Only limited in County/City	Refer to Appendix 1	

ques.num.	variable name <sup>1</sup>	variable label	value label	note
	Where is the location of the job you searched? (2)Not limited in one County/City, including area below: (multiple choices)			
	b11_a2_1	Northern region	0. No 1. Yes	
	b11_a2_2	Central region		
	b11_a2_3	Southern region		
	b11_a2_4	Eastern region		
	b11_a2_5	Kingmen/Matsu area		
	b11_a2_6	H.K., Macau or China		
	b11_a2_7	Other country		
12	Did you have any job opportunity in seeking process?			
	havingjobopp	A.Yes. What was the main reason that you did not go for it?	0. Skip or N/A 1. Unfavorable pay 2. Unpreferable working location 3. Poor working environment 4. Inadequate working hours 5. Work shift or rotational leave requirements 6. Knowledge not met job's need 7. Dim prospect 8. Lack of interests 9. Others	
	b12_a2	A.Yes. What was the secondary reason that you did not go for it?		
	b12_a3	A.Yes. What was the sub-secondary reason that you did not go for it?		
	b12_b1	B-1.No. What was the main situation that you could not find a job?	1. Never met suitable offer 2. Never got interview opportunity or never pass the written test 3. Only got interviews but never got hired 4. Others	
	nojobopp	B-2.No. What was the major difficulty that you faced in job seeking process?	01. Expertise unfitted 02. Educational attainment unfitted 03. Age limit imposed 04. Sex status restricted on job openings 05. Language barrier 06. Marital status restricted on job openings 07. No favorable occupation available 08. Unfavorable pay 09. Unfavorable working conditions 10. Others	
	b12_b2_2	B-2.No. What was the secondary difficulty that you faced in job seeking process?		
	b12_b2_3	B-2.No. What was the sub-secondary difficulty that you faced in job seeking process?		
13	b13_1	Were you employed more than 3 months or worked as an unpaid family worker in last year? (1)Yes. What kind of work did you do? Job title	Refer to Appendix 4	
	b13_2	Were you employed more than 3 months or worked as an unpaid family worker in last year?	2. No	

ques.num.	variable name <sup>1</sup>	variable label	value label	note
14	b14	Why did you quit your job? (unpaid family workers skip this question)	01. Attending schools or rebrushing to take entrance exams 02. Female employee getting married or giving birth 03. Responsibility in taking care of children under age 12 04. Responsibility in taking care of elder family members age 65 years & over 05. Housekeeping (including those who have responsibility in taking care of disabled family members) 06. Family finance getting better 07. Wound or illness 08. Retired 09. Seasonal or temporary job completed 10. Not satisfied to that job 11. Business shrunk or establishment closed 12. Others	
15	b15	Had you sought for a job in last year? Why did you stop seeking?	1. Yes. Believes no job available in the markets 2. Yes. Lacks necessary schooling, training, skills or experience etc., couldn't find any work 3. Yes. Other reasons, so stop seeking 4. No. Never sought in last year	
16	If the work condition of a job ideally meet your requirement, are you willing to work?			
	b16_a1	A.Yes. What is the work condition of expected job? job title	Refer to Appendix 4	
	b16_a2	A.Yes. What is the work condition of expected job? working location	Refer to Appendix 2	
	b16_a3	A.Yes. What is the work condition of expected job? monthly pay(NT\$)		
	b16_a4	A.Yes. What is the work condition of expected job? job type	1. Full-time job 2. Part-time job	
	b16_a5	A.Yes. What is the work condition of expected job? Is it a temporary or dispatched work?	1. Yes 2. No	

ques.num.	variable name <sup>1</sup>	variable label	value label	note
	b16_b	B.No. Why not willing to work?	01. Female employee getting married or giving birth 02. Enough family income, no need to work 03. Responsibility in taking care of children under age 12 04. Responsibility in taking care of elder family members age 65 years & over 05. Responsibility in taking care of disabled family members 06. Housekeeping 07. Disabled 08. Ill health, wound or illness (not including disabled) 09. Attending schools or rebrushing to take entrance exams 10. Waiting for conscription 11. Giving a helping hand to family business (as an unpaid family worker in a family own business) 12. Getting older: the interviewee felt himself/herself was too old to work (must age 50 & over) 13. Others	
17	How many children do you have? A.Have children:			
	b17_a1	children under 3 years old persons		
	b17_a2	children aged 3 - under 6 years old persons		
	b17_a3	children aged 6 - under 12 years old persons		
	b17_a4	children aged 12 - under 15 years old persons		
	b17_a5	children aged 15 - under 18 years old persons		
	b17_a6	children aged 18 years & over persons		
	havingchild	How many children do you have?	1. No child yet 2. Have children	
	b17_c	Serial no. of your spouse/cohabiter in household	99. not in the household	
	weight	Weight		
	newjobopp	Do you have new job opportunity?	1. Yes 2. No	Created variable
	cjobseniority	Job tenure	cjobyear+cjobmonth/12	
	adjwei_1	Phase I expansion of the weighted		
	adjwei_2	Phase II expansion of the weighted		

<b>ques.num.</b>	<b>variable name<sup>1</sup></b>	<b>variable label</b>	<b>value label</b>	<b>note</b>
	avgadjwei	The weighted average of Phase I and Phase II		

## **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 Macau)
77	Foreign Area

## Appendix 2 Township Code

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

0801	Nantou City, Nantou County	1005	Minsyong Township, Chiayi County
0802	Puli Township, Nantou County	1006	Sikou Township, Chiayi County
0803	Caotun Township, Nantou County	1007	Singang Township, Chiayi County
0804	Jhushan Township, Nantou County	1008	Lioujiao Township, Chiayi County
0805	Jiji Township, Nantou County	1009	Dongshih Township, Chiayi County
0806	Mingjian Township, Nantou County	1010	Yijhu Township, Chiayi County
0807	Lugu Township, Nantou County	1011	Lucao Township, Chiayi County
0808	Jhongliao Township, Nantou County	1012	Shueishang Township, Chiayi County
0809	Yuchih Township, Nantou County	1013	Jhongpu Township, Chiayi County
0810	Guosing Township, Nantou County	1014	Jhuci Township, Chiayi County
0811	Shueili Township, Nantou County	1015	Meishan Township, Chiayi County
0812	Sinyi Township, Nantou County	1016	Fanlu Township, Chiayi County
0813	Renai Township, Nantou County	1017	Dapu Township, Chiayi County
0900	Yunlin County	1018	Alishan Township, Chiayi County
0901	Douliou City, Yunlin County	1300	Pingtung County
0902	Dounan Township, Yunlin County	1301	Pingtung City, Pingtung County
0903	Huwei Township, Yunlin County	1302	Chaozhou Township, Pingtung County
0904	Siluo Township, Yunlin County	1303	Donggang Township, Pingtung County
0905	Tuku Township, Yunlin County	1304	Hengchun Township, Pingtung County
0906	Beigang Township, Yunlin County	1305	Wandan Township, Pingtung County
0907	Gukeng Township, Yunlin County	1306	Changjhih Township, Pingtung County
0908	Dabi Township, Yunlin County	1307	Linluo Township, Pingtung County
0909	Cihtong Township, Yunlin County	1308	Jiouru Township, Pingtung County
0910	Linnei Township, Yunlin County	1309	Ligang Township, Pingtung County
0911	Erlun Township, Yunlin County	1310	Yanpu Township, Pingtung County
0912	Lunbei Township, Yunlin County	1311	Gaoshu Township, Pingtung County
0913	Mailiao Township, Yunlin County	1312	Wanluan Township, Pingtung County
0914	Dongshih Township, Yunlin County	1313	Neipu Township, Pingtung County
0915	Baozhong Township, Yunlin County	1314	Jhutian Township, Pingtung County
0916	Taisi Township, Yunlin County	1315	Sinbi Township, Pingtung County
0917	Yuanchang Township, Yunlin County	1316	Fangliao Township, Pingtung County
0918	Sihhu Township, Yunlin County	1317	Sinyuan Township, Pingtung County
0919	Kouhu Township, Yunlin County	1318	Kanding Township, Pingtung County
0920	Shueilin Township, Yunlin County	1319	Linbian Township, Pingtung County
1000	Chiayi County	1320	Nanjhou Township, Pingtung County
1001	Taibao City, Chiayi County	1321	Jiadong Township, Pingtung County
1002	Puzih City, Chiayi County	1322	Liouciou Township, Pingtung County
1003	Budai Township, Chiayi County	1323	Checheng Township, Pingtung County
1004	Dalin Township, Chiayi County	1324	Manzhou Township, Pingtung County



1325	Fangshan Township, Pingtung County	1513	Jhuosi Township, Hualien County
1326	Sandimen Township, Pingtung County	1600	Penghu County
1327	Wutai Township, Pingtung County	1601	Magong City, Penghu 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	Chihshang 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 Macau)
1410	Dawu Township, Taitung County	7700	Foreign Area
1411	Lyudao Township, Taitung County		
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	Rueisuei Township, Hualien County		
1510	Fuli Township, Hualien County		
1511	Sioulin Township, Hualien County		
1512	Wanrong Township, Hualien County		

### Appendix 3 Statistical Classification Of Industries (Rev.10 , 2016)

01	Agriculture and Animal Husbandry	28	Manufacture of Electrical Equipment
02	Forestry	29	Manufacture of Machinery and Equipment
03	Fishing and Aquaculture	30	Manufacture of Motor Vehicles and Parts
05	Extraction of Crude Petroleum and Natural Gas	31	Manufacture of Other Transport Equipment and Parts
06	Quarrying of Stone, Sand, Clay and Other Mining	32	Manufacture of Furniture
08	Manufacture of Food Products and Prepared Animal Feeds	33	Other Manufacturing
09	Manufacture of Beverages	34	Repair and Installation of Industrial Machinery and Equipment
10	Manufacture of Tobacco Products	35	Electricity and Gas Supply
11	Manufacture of Textiles	36	Water Supply
12	Manufacture of Wearing Apparel and Clothing Accessories	37	Wastewater and Sewage Treatment
13	Manufacture of Leather, Fur and Related Products	38	Waste Collection, Treatment and Disposal Activities; Materials Recovery
14	Manufacture of Wood and of Products of Wood and Bamboo	39	Remediation Activities and Other Waste Management Services
15	Manufacture of Paper and Paper Products	41	Construction of Buildings
16	Printing and Reproduction of Recorded Media	42	Civil Engineering
17	Manufacture of Petroleum and Coal Products	43	Specialized Construction Activities
18	Manufacture of Chemical Material, Fertilizers and Nitrogen Compounds, Plastic and Rubber Materials, Man-made Fibres	45	Wholesale Trade
19	Manufacture of Other Chemical Products	46	Wholesale Trade
20	Manufacture of Pharmaceuticals and Medicinal Chemical Products	47	Retail Trade
21	Manufacture of Rubber Products	48	Retail Trade
22	Manufacture of Plastics Products	49	Land Transportation
23	Manufacture of Other Non-metallic Mineral Products	50	Water Transportation
24	Manufacture of Basic Metals	51	Air Transport
25	Manufacture of Fabricated Metal Products	52	Support Activities for Transportation
26	Manufacture of Electronic Parts and Components	53	Warehousing and Storage
27	Manufacture of Computers, Electronic and Optical Products	54	Postal and Courier Activities
		55	Accommodation
		56	Food and Beverage Service Activities
		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                                | 92 | Gambling and Betting Activities                           |
| 63 | Information Service Activities  | 93 | Sports Activities and Amusement and Recreation Activities |
| 64 | Financial Service Activities  | 94 | Activities of Membership Organizations                    |
| 65 | Insurance   | 95 | Maintenance and Repair of Personal and Household Goods    |
| 66 | Security, Commodity Contracts, and Activities Auxiliary to Financial Service Activities | 96 | Other Personal 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                              |    |   |

## Appendix 4 Standard Occupational Classification (Rev.6, 2010)

01	Armed Forces Occupations	79	Other Craft and Related Trades Workers
11	Legislators, Senior Officials and Chief Executives	81	Stationary Plant and Machine Operators
12	Administrative and Commercial Managers	82	Assemblers
13	Production and Specialized Services Managers	83	Drivers and Mobile Plant Operators
14	Hospitality, Retail and Other Establishments Services Managers	91	Cleaners and Helpers
21	Science and Engineering Professionals	92	Agricultural, Forestry and Fishery Labourers
22	Health Professionals	93	Labourers In Mining, Construction, Manufacturing and Transport
23	Teaching Professionals	94	Street Service Workers and No-Food Vendors
24	Business and Administration Professionals	95	Refuse Workers, Sweepers and Related Workers
25	Information and Communications Technology Professionals	99	Other Elementary Labourers
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		