

## Manpower Survey, 2016

### Codebook

ques.num.	variable name	column	variable label	value label	note
	id	1/1-17	Sample code		string
	area	1/1-1	Region	0. Taiwan Province 1. Taipei City 2. Kaohsiung City 3. New Taipei City 4. Taichung City 5. Tainan City 6. Taoyuan City	
	stage	1/2-3	Stratum		
	county	1/4-5	County code	Refer to Appendix 1	
	town	1/6-7	Virtual townships code		
	id1	1/11-13	Household		
	no	1/14-15	Persons aged 15 years or over in each sampled household		
	id2	1/16-17	Serial no. of interviewees in household		
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	

ques.num.	variable name	column	variable label	value label	note
3	a3	1/22-24	Current age in full years		
4	a4	1/25	Marital status	1. Never married 2. Married and cohabited 3. Divorced or separated 4. Widowed	
5	a5_1	1/26	Are you attending schools currently?	1. Yes (go to Q5-2) 2. No, had been graduated (go to Q5-2) 3. No, had been suspended (go to Q5-2) 4. No, never attended any school that is (was) approved by the ministry of education (go to Q5-2)	
	a5_2	1/27-28	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)	go to Q.6 if choose (6), (7), (8), (9) or (10); otherwise, skip to Q.7
6	a6	1/29-30	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) 10. Personal services (go to Q7) 11. Arts and design (go to Q7) 12. Social Sciences and services (go	

ques.num.	variable name	column	variable label	value label	note
				to Q7) 13. Others (go to Q7)	
7	a7	1/31	Did you retire from any public / private establishments before? (Have you ever retired from any public / private establishments yet?)	1. Yes (go to Q8) 2. No (go to Q8)	
8	a8	1/32-33	What were you mainly doing during last week?	01.Undertaking some kind of work (skip to Q10) 02.Undertaking works after school hours (skip to Q10) 03.Undertaking works 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 (stop) 07.Attending schools or rebrushing to take entrance exams (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) 10.Idleness (go to Q9) 11.Wound or illness (go to Q9) 12.In armed force, prison or missing (stop) 13.Others(specify)___ (go to Q9)	

ques.num.	variable name	column	variable label	value label	note
9	a9	1/34	Were you undertaking any paid or unpaid family work last week?	0. Skip or N/A 1. Undertaking work after school or housekeeping hours (go to Q10) 2. Undertaking some kind of work (go to Q10) 3. Having a job but not at work (skip to Q13) 4. Not undertaking any job (stop)	
10	a10_1a	1/35-37	How many hours did you work last week? Major job: work for full time __hours	0. Skip or N/A	Go to Q11 if total hours less than 35 ; otherwise, skip to Q21
	a10_1b	1/38-40	How many hours did you work last week? Major job: work for part time __hours		
	a10_2a	1/41-42	How many hours did you work last week? Secondary job:work for full time __hours		
	a10_2b	1/43-44	How many hours did you work last week? Secondary job:work for part time __hours		
	a10_1	1/45-47	How many hours did you work last week? (1) for the major job __hours		
	a10_2	1/48-50	How many hours did you work last week? (2) for all other jobs __hours		

ques.num.	variable name	column	variable label	value label	note
11	a11	1/51-52	Why did you work less than 35 hours last week?	00.Skip or N/A 01.Unfavorable conditions of business (go to Q12) 02.Unable to find a job which should work more than 35 hours per week (go to Q12) 03.Seasonal reasons (go to Q12) 04.Bad weather or natural calamities (go to Q12) 05.Work itself only need to work less than 35 hours per week? (go to Q12) 06.Taking care of children (skip to Q21) 07.Taking care of elders (skip to Q21) 08.Busy in housekeeping (skip to Q21) 09.Busy in studying/attending school (skip to Q21) 10.Wounded or illness, official holidays, personal leaves, or special days off(skip to Q21) 11.Unwilling to work longer (skip to Q21) 12.Others(specify)__ (go to Q12)	
12	a12	1/53	Do you expect to increase of working hours?	0. Skip or N/A 1. Yes (skip to Q21) 2. No (skip to Q21)	

ques.num.	variable name	column	variable label	value label	note
13	a13	1/54	Why were you absent from work last week?	0. Skip or N/A 1. Wound of illness (skip to Q21) 2. Seasonal reasons (skip to Q21) 3. Official holidays, personal leaves or special days off (skip to Q21) 4. Deciding to start working in the near future but no pay currently (skip to Q18) 5. Not starting to work yet for some reasons even though have employed and paid (skip to Q21) 6. Waiting for a recall to work (go to Q14) 7. Others (skip to Q21)	
14	a14	1/55	Did you earn any pay from work last week?	0. Skip or N/A 1. Yes (skip to Q21) 2. No (skip to Q18)	
15	a15	1/56	If there is a job offer, can you take it at once?	0. Skip or N/A 1. Yes (go to Q16) 3. No, because of attending school or rebrushing to taking entrance exams (stop) 4. No, because of housekeeping (stop) 5. No, because of old age (elders aged 65 or over) or disable (stop) 6. No, because of idleness (stop) 7. No, because of wound or illness (stop) 8. No, because of others(specify)___ (stop)	
16	a16_1	1/57	How did you seek a job?(multiple choices)	0. Skip or N/A 1. Referenced by relatives, friends or teachers (go to Q17) 2. Through private employment agencies (go to Q17) 3. Referring recruiting advertisements or posters (go to Q17) 4. Through public employment	
	a16_2	1/58	How did you seek a job?(multiple choices)		
	a16_3	1/59	How did you seek a job?(multiple choices)		
	a16_4	1/60	How did you seek a job?(multiple choices)		

ques.num.	variable name	column	variable label	value label	note
	a16_5	1/61	How did you seek a job?(multiple choices)	offices (go to Q17) 5. Through civil service exams and placement (go to Q17)	
	a16_6	1/62	How did you seek a job?(multiple choices)	6. Others (go to Q17)	
17	a17	1/63	Do you expect to take a full-time job (35 or more hours per week) or a part-time job?	0. Skip or N/A 1. A full-time job (go to Q18) 2. A part-time job (go to Q18)	
18	a18	1/64-65	How long did you take for current job seeking or waiting for a recall to work since you were jobless?_____weeks (all go to Q19)	00. Skip or N/A 99. Over 99 weeks	
19	a19	1/66	Did you have a job before?	0. Skip or N/A 1. Yes (go to Q20) 2. No (stop)	
20	a20	1/67	What was the main reason you left the last job mentioned in Q19?	0.Skip or N/A 1. Business shrunk or establishment closed (go to Q21) 2. Unsatisfied to that job (go to Q21) 3. Ill health (go to Q21) 4. Seasonal or temporary work finished (go to Q21) 5. Got married or gave birth (if interviewee is female) (go to Q21) 6. Retired (go to Q21) 7. Busy in housekeeping (go to Q21) 8. Others (go to Q21)	
21	a21_1	1/68-71	What is the main workplace you are/were in? (1) location of this workplace	Refer to Appendix 2	
	a21_2	1/72-73	What is the main workplace you are/were in? (2) name of workplace and its major products or services	Refer to Appendix 3	

ques.num.	variable name	column	variable label	value label	note
	a21_3	1/74	What is the main workplace you are/were in? (3) number of employees	0. Skip or N/A 1. 1 person (go to Q22) 2. 2-9 persons (go to Q22) 3. 10-29 persons (go to Q22) 4. 30-49 persons (go to Q22) 5. 50-99 persons (go to Q22) 6. 100-199 persons (go to Q22) 7. 200-499 persons (go to Q22) 8. 500 persons or more (go to Q22) 9. Government organization (go to Q22)	
	a21_b2	1/75-76	What is the secondary workplace you are/were in? (2) name of workplace and its major products or services	Refer to Appendix 3 (go to Q22)	
22	a22	1/77-78	What is/was your duty in the main workplace mentioned in Q21?	Refer to Appendix 4 (go to Q23)	
	a22b	1/79-80	What is/was your duty in the secondary workplace mentioned in Q21?	Refer to Appendix 4 (go to Q23)	
23	a23	1/81	What is/was the class of workers you are/were in for the major job?	0. Skip or N/A 1. Employer 2. Own-account worker	
	a23b	1/82	What is/was the class of workers you are/were in for the secondary job?	3. Government employee 4. Private-sector employee 5. Unpaid family worker	
	weight	1/83-87	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 Macao)
77	Foreign Area

## Appendix 2 Townships Code

0000	Skip or N/A		Miaoli County		Changhua County
0200	Yilan County	0504	Jhunan Township, Miaoli County	0715	Pusin Township, Changhua County
0201	Yilan City, Yilan County	0505	Toufen Township, Miaoli County	0716	Yongjing Township, Changhua County
0202	Luodong Township, Yilan County	0506	Houlong Township, Miaoli County	0717	Shetou Township, Changhua County
0203	Suao Township, Yilan County	0507	Jhuolan Township, Miaoli County	0718	Ershuei Township, Changhua County
0204	Toucheng Township, Yilan County	0508	Dahu Township, Miaoli County	0719	Beidou Township, Changhua County
0205	Jiaosi Township, Yilan County	0509	Gongguan Township, Miaoli County	0720	Erlin Township, Changhua County
0206	Jhuangwei Township, Yilan County	0510	Tongluo Township, Miaoli County	0721	Tianwei Township, Changhua County
0207	Yuanshan Township, Yilan County	0511	Nanjhuang Township, Miaoli County	0722	Beitou Township, Changhua County
0208	Dongshan Township, Yilan County	0512	Touwu Township, Miaoli County	0723	Fangyuan Township, Changhua County
0209	Wujie Township, Yilan County	0513	Sanyi Township, Miaoli County	0724	Dacheng Township, Changhua County
0210	Sansing Township, Yilan County	0514	Sihu Township, Miaoli County	0725	Jhutang Township, Changhua County
0211	Datong Township, Yilan County	0515	Zaociao Township, Miaoli County	0726	Sijhou Township, Changhua County
0212	Nanao Township, Yilan County	0516	Sanwan Township, Miaoli County	0800	Nantou County
0400	Hsinchu County	0517	Shihtan Township, Miaoli County	0801	Nantou City, Nantou County
0401	Jhubei City, Hsinchu County	0518	Taian Township, Miaoli County	0802	Puli Township, Nantou County
0402	Jhudong Township, Hsinchu County	0700	Changhua County	0803	Caotun Township, Nantou County
0403	Sinpu Township, Hsinchu County	0701	Changhua City, Changhua County	0804	Jhushan Township, Nantou County
0404	Guansi Township, Hsinchu County	0702	Lugang Township, Changhua County	0805	Jiji Township, Nantou County
0405	Hukou Township, Hsinchu County	0703	Hemei Township, Changhua County	0806	Mingjian Township, Nantou County
0406	Sinfong Township, Hsinchu County	0704	Siansi Township, Changhua County	0807	Lugu Township, Nantou County
0407	Cyonglin Township, Hsinchu County	0705	Shengang Township, Changhua County	0808	Jhongliao Township, Nantou County
0408	Hengshan Township, Hsinchu County	0706	Fusing Township, Changhua County	0809	Yuchih Township, Nantou County
0409	Beipu Township, Hsinchu County	0707	Sioushuei Township, Changhua County	0810	Guosing Township, Nantou County
0410	Baoshan Township, Hsinchu County	0708	Huatan Township, Changhua County	0811	Shueili Township, Nantou County
0411	Emei Township, Hsinchu County	0709	Fenyuan Township, Changhua County	0812	Sinyi Township, Nantou County
0412	Jianshih Township, Hsinchu County	0710	Yuanlin Township, Changhua County	0813	Renai Township, Nantou County
0413	Wufong Township, Hsinchu County	0711	Sihu Township, Changhua County	0900	Yunlin County
0500	Miaoli County	0712	Tianjhong Township, Changhua County	0901	Douliou City, Yunlin County
0501	Miaoli City, Miaoli County	0713	Dacun Township, Changhua County	0902	Douan Township, Yunlin County
0502	Yuanli Township, Miaoli County	0714	Puyan Township,	0903	Huwei Township, Yunlin County
0503	Tongsiao Township,				

0904	Siluo Township, Yunlin County		County	1327	Wutai Township, Pingtung County
0905	Tuku Township, Yunlin County	1015	Meishan Township, Chiayi County	1328	Majia Township, Pingtung County
0906	Beigang Township, Yunlin County	1016	Fanlu Township, Chiayi County	1329	Taiwu Township, Pingtung County
0907	Gukeng Township, Yunlin County	1017	Dapu Township, Chiayi County	1330	Laiyi Township, Pingtung County
0908	Dabi Township, Yunlin County	1018	Alishan Township, Chiayi County	1331	Chunrih Township, Pingtung County
0909	Cihtong Township, Yunlin County	1300	Pingtung County	1332	Shihzih Township, Pingtung County
0910	Linnei Township, Yunlin County	1301	Pingtung City, Pingtung County	1333	Mudan Township, Pingtung County
0911	Erlun Township, Yunlin County	1302	Chaozhou Township, Pingtung County	1400	Taitung County
0912	Lunbei Township, Yunlin County	1303	Donggang Township, Pingtung County	1401	Taitung City, Taitung County
0913	Mailiao Township, Yunlin County	1304	Hengchun Township, Pingtung County	1402	Chenggong Township, Taitung County
0914	Dongshih Township, Yunlin County	1305	Wandan Township, Pingtung County	1403	Guanshan Township, Taitung County
0915	Baojhong Township, Yunlin County	1306	Changjhih Township, Pingtung County	1404	Beinan Township, Taitung County
0916	Taisi Township, Yunlin County	1307	Linluo Township, Pingtung County	1405	Luye Township, Taitung County
0917	Yuanchang Township, Yunlin County	1308	Jiouru Township, Pingtung County	1406	Chishang Township, Taitung County
0918	Sihhu Township, Yunlin County	1309	Ligang Township, Pingtung County	1407	Donghe Township, Taitung County
0919	Kouhu Township, Yunlin County	1310	Yanpu Township, Pingtung County	1408	Changbin Township, Taitung County
0920	Shueilin Township, Yunlin County	1311	Gaoshu Township, Pingtung County	1409	Taimali Township, Taitung County
1000	Chiayi County	1312	Wanluan Township, Pingtung County	1410	Dawu Township, Taitung County
1001	Taibao City, Chiayi County	1313	Neipu Township, Pingtung County	1411	Lyudao Township, Taitung County
1002	Puzih City, Chiayi County	1314	Jhutian Township, Pingtung County	1412	Haiduan Township, Taitung County
1003	Budai Township, Chiayi County	1315	Sinbi Township, Pingtung County	1413	Yanping Township, Taitung County
1004	Dalin Township, Chiayi County	1316	Fangliao Township, Pingtung County	1414	Jinfong Township, Taitung County
1005	Minsyong Township, Chiayi County	1317	Sinyuan Township, Pingtung County	1415	Daren Township, Taitung County
1006	Sikou Township, Chiayi County	1318	Kanding Township, Pingtung County	1416	Lanyu Township, Taitung County
1007	Singang Township, Chiayi County	1319	Linbian Township, Pingtung County	1500	Hualien County
1008	Liujiiao Township, Chiayi County	1320	Nanjhou Township, Pingtung County	1501	Hualien City, Hualien County
1009	Dongshih Township, Chiayi County	1321	Jiadong Township, Pingtung County	1502	Fonglin Township, Hualien County
1010	Yijhu Township, Chiayi County	1322	Liouciu Township, Pingtung County	1503	Yuli Township, Hualien County
1011	Lucao Township, Chiayi County	1323	Checheng Township, Pingtung County	1504	Sincheng Township, Hualien County
1012	Shueishang Township, Chiayi County	1324	Manzhou Township, Pingtung County	1505	Jian Township, Hualien County
1013	Jhongpu Township, Chiayi County	1325	Fangshan Township, Pingtung County	1506	Shoufong Township, Hualien County
1014	Jhuci Township, Chiayi County	1326	Sandimen Township, Pingtung County	1507	Guangfu Township, Hualien County

1508	Fongbin Township, Hualien County	1702	Cidu Dist., Keelung City
1509	Rueisui Township, Hualien County	1703	Nuannuan Dist., Keelung City
1510	Fuli Township, Hualien County	1704	Renai Dist., Keelung City
1511	Sioulin Township, Hualien County	1705	Jhongshan Dist., Keelung City
1512	Wanrong Township, Hualien County	1706	Anle Dist., Keelung City
1513	Jhuosi Township, Hualien County	1707	Sinyi Dist., Keelung City
1600	Penghu County	1800	Hsinchu City
1601	Magong City, Penghu County	1801	East Dist., Hsinchu City
1602	Husi Township, Penghu County	1802	North Dist., Hsinchu City
1603	Baisha Township, Penghu County	1803	Siangshan Dist., Hsinchu City
1604	Siyu Township, Penghu County	2000	Chiayi City
1605	Wangan Township, Penghu County	2001	East Dist., Chiayi City
1606	Cimei Township, Penghu County	2002	West Dist., Chiayi City
1700	Keelung City	6300	Taipei City
1701	Jhongheng Dist., Keelung City	6400	Kaohsiung City
		6500	New Taipei City
		6600	Taichung City
		6700	Tainan City
		6800	Taoyuan City
		7500	Kinmen County and Matsu County
		7600	Mainland China (including Hong Kong and Macao)
		7700	Foreign Area

### Appendix 3 Industry code

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

## Appendix 4 Occupation Code

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