

# Manpower Survey, 2021

## 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, self 2. Equivalent 3. No, proxy	
1	a1	1/19-20	Relationship to householder	01. Householder 02. Spouse 03. Child 04. Grandchild 05. Parent 06. Grandparent 07. Brother/Sister 08. Child's spouse 09. Grandchild's spouse 10. Brother'/Sister' spouse 11. Spouse's parent 12. Spouse's brother/sister 13. Other relatives 14. Others	
2	a2	1/21	Sex	1. Male 2. Female	

ques.num.	variable name	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 currently attending school?	1. Yes (the school is approved by the Ministry of Education) (go to Q5-2) 2. Graduated (go to Q5-2) 3. Suspended (go to Q5-2) 4. Never attending any school that is approved by the Ministry of Education (go to Q5-2)	
	a5_2	1/27	Are you currently joining in any vocational training program?	1. Yes (go to Q5-3) 2. No (go to Q5-3)	
	a5_3	1/28	Educational attainment (highest)	1. Illiterate (skip to Q7) 2. Self-educated (skip to Q7) 3. Primary school (skip to Q7) 4. Junior high school (skip to Q7) 5. Senior high school (regular & vocational) (go to Q5-4) 6. Junior college (go to Q5-4) (currently in the first 3 years program should choose (5)) 7. University (go to Q5-4) 8. Master's (go to Q5-4) 9. Ph.D's (go to Q5-4)	go to Q5-4 if choose (5),(6),(7),(8) or (9); otherwise, skip to Q7

ques.num.	variable name	column	variable label	value label	note
5	a5_4	1/29-30	Academic or professional specialty	00. Skip or N/A 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	go to Q6 if Q5-1 choose (1),(3) and Q5-3 choose (7),(8) or (9); otherwise, skip to Q7
6	a6	1/31	Highest level of school completed (for those who are currently attending university or above level school or suspended from university or above level school)	0. Skip or N/A 1. Senior high school (regular & vocational) & below (go to Q7) 2. Junior college (go to Q7) 3. University (go to Q7) 4. Master's (go to Q7) 5. Ph.D's (go to Q7)	
7	a7	1/32	Have you ever retired from any public/private establishments before?	1. Yes (go to Q8) 2. No (go to Q8)	
8	a8	1/33-34	What were you mainly doing during last week?	01. Undertook some kind of work (skip to Q10) 02. Undertook work after school hours (skip to Q10) 03. Undertook work after housekeeping hours (skip to Q10) 04. Had a job but not at work (skip to Q13) 05. Jobless and were seeking one or waiting for an offer after jobs seeking (skip to Q15) 06. Intended and were able to work	

ques.num.	variable name	column	variable label	value label	note
				but not seeking (stop) 07. Attended school/prepared to take entrance exams (go to Q9) 08. Housekeeping (go to Q9) 09. Elderly (aged 65 and above) or disabled persons (go to Q9) 10. Wounded, illness or ill health (not including disabled) (go to Q9) 11. Idleness (go to Q9) 12. In armed force, prison or missing (stop) 13. Others (go to Q9)	
9	a9	1/35	Were you undertaking any paid or unpaid family work last week?	0. Skip or N/A 1. Undertook work after school or housekeeping hours (go to Q10) 2. Undertook some kind of work (go to Q10) 3. Had a job but not at work (skip to Q13) 4. None (stop)	
10	How many hours did you work last week?				
	a10_1a	1/36-38	A.For the major job: full time __hours	0. Skip or N/A	go to Q11 if total hours less than 35; otherwise, skip to Q21
	a10_1b	1/39-41	A.For the major job: part time __hours		
	a10_2a	1/42-43	B.For all other job: full time __hours		
	a10_2b	1/44-45	B.For all other job: part time __hours		
	a10_1	1/46-48	(1)For the major job __hours		
	a10_2	1/49-51	(2)For all other jobs __hours		

ques.num.	variable name	column	variable label	value label	note
11	a11	1/52-53	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 (go to Q12) 07. Taking care of older family members aged 65 & over (go to Q12) 08. Housekeeping (including taking care of other family members) (go to Q12) 09. School/training (go to Q12) 10. Wounded, illness or ill health (go to Q12) 11. Official holidays, personal leaves except illness, special days off (skip to Q21) 12. Unwilling to work longer (skip to Q21) 13. Others (go to Q12)	
12	a12	1/54	Do you expect to increase working hours to 35 hours & over per week?	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	1/55	Why were you absent from work last week?	0. Skip or N/A 1. Wounded, illness or ill health (skip to Q21) 2. Seasonal reasons (skip to Q21) 3. Official holidays, personal leaves except illness, special days off (skip to Q21) 4. Decided to wait a new job to begin in the near future but no pay (skip to Q18) 5. Not starting to work yet for some reasons even though have employed and paid (skip to Q21) 6. Waiting for recall to work (go to Q14) 7. Others (skip to Q21)	
14	a14	1/56	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	1/57	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 attended school/prepared to take entrance exams (stop) 4. No, because housekeeping (stop) 5. No, because elderly (aged 65 and above) or disabled persons (stop) 6. No, because Wounded, illness or ill health (not including disabled) (stop) 7. No, because Idleness (stop) 8. No, because others (stop)	
16	a16_1	1/58	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 offices (go to Q17) 3. Referred recruiting advertisements	
	a16_2	1/59	How did you seek a job? (multiple choices)		
	a16_3	1/60	How did you seek a job? (multiple choices)		

ques.num.	variable name	column	variable label	value label	note
	a16_4	1/61	How did you seek a job? (multiple choices)	or posters (go to Q17) 4. Through public employment offices (go to Q17) 5. Through civil service exams and placement (go to Q17) 6. Others (go to Q17)	
	a16_5	1/62	How did you seek a job? (multiple choices)		
	a16_6	1/63	How did you seek a job? (multiple choices)		
17	a17	1/64	Do you expect to take a full-time job or part-time job?	0. Skip or N/A 1. Full-time job (go to Q18) 2. Part-time job (go to Q18)	
18	a18	1/65-66	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	1/67	Did you have a job before?	0. Skip or N/A 1. Yes (go to Q20) 2. No (stop)	
20	a20	1/68-69	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. Wounded, illness or 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. Taking care of children under aged 12 (go to Q21) 08. Taking care of older family members aged 65 & over (go to Q21) 09. Housekeeping (including taking care of other family members) (go to Q21)	

ques.num.	variable name	column	variable label	value label	note
				10. Others (go to Q21)	
21	What is the main workplace you are/were in?				
	a21_1	1/70-73	(1)Location of this workplace	Refer to Appendix 2	
	a21_2	1/74-75	(2)Name of workplace and its major products or services	Refer to Appendix 3	
	a21_3	1/76	(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 or public sector (go to Q22)	
	a21_b2	1/77-78	(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?				
	a22	1/79-80	A.Description of the major job	Refer to Appendix 4	go to Q23
	a22b	1/81-82	B.Description of the secondary job	Refer to Appendix 4	go to Q23
23	What is/was the class of workers you are/were in for the undertaken work?				
	a23	1/83	A.For the major job	0. Skip or N/A 1. Employer 2. Own-account worker	
	a23b	1/84	B.For the secondary job	3. Government employee 4. Private-sector employee 5. Unpaid family worker	
	weight	1/85-89	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 Macau)
77	Foreign Area

## Appendix 2 Townships Code

0000	Skip or N/A	0712	Tianjhong Township, Changhua County
0200	Yilan County	0713	Dacun Township, Changhua County
0201	Yilan City, Yilan County	0714	Puyan Township, Changhua County
0202	Luodong Township, Yilan County	0715	Pusin Township, Changhua County
0203	Suao Township, Yilan County	0716	Yongjing Township, Changhua County
0204	Toucheng Township, Yilan County	0717	Shetou Township, Changhua County
0205	Jiaosi Township, Yilan County	0718	Ershuei Township, Changhua County
0206	Jhuangwei Township, Yilan County	0719	Beidou Township, Changhua County
0207	Yuanshan Township, Yilan County	0720	Erlin Township, Changhua County
0208	Dongshan Township, Yilan County	0721	Tianwei Township, Changhua County
0209	Wujie Township, Yilan County	0722	Pitou Township, Changhua County
0210	Sansing Township, Yilan County	0723	Fangyuan Township, Changhua County
0211	Datong Township, Yilan County	0724	Dacheng Township, Changhua County
0212	Nanao Township, Yilan County	0725	Jhutang Township, Changhua County
0400	Hsinchu County	0726	Sijhou Township, Changhua County
0401	Jhubei City, Hsinchu County	0800	Nantou County
0402	Jhudong Township, Hsinchu County	0801	Nantou City, Nantou County
0403	Sinpu Township, Hsinchu County	0802	Puli Township, Nantou County
0404	Guansi Township, Hsinchu County	0803	Caotun Township, Nantou County
0405	Hukou Township, Hsinchu County	0804	Jhushan Township, Nantou County
0406	Sinfong Township, Hsinchu County	0805	Jiji Township, Nantou County
0407	Cyonglin Township, Hsinchu County	0806	Mingjian Township, Nantou County
0408	Hengshan Township, Hsinchu County	0807	Lugu Township, Nantou County
0409	Beipu Township, Hsinchu County	0808	Jhongliao Township, Nantou County
0410	Baoshan Township, Hsinchu County	0809	Yuchih Township, Nantou County
0411	Emei Township, Hsinchu County	0810	Guosing Township, Nantou County
0412	Jianshih Township, Hsinchu County	0811	Shueili Township, Nantou County
0413	Wufong Township, Hsinchu County	0812	Sinyi Township, Nantou County
0500	Miaoli County	0813	Renai Township, Nantou County
0501	Miaoli City, Miaoli County	0900	Yunlin County
0502	Yuanli Township, Miaoli County	0901	Douliou City, Yunlin County
0503	Tongsiao Township, Miaoli County	0902	Dounan Township, Yunlin County
0504	Jhunan Township, Miaoli County	0903	Huwei Township, Yunlin County
0505	Toufen Township, Miaoli County	0904	Siluo Township, Yunlin County
0506	Houlong Township, Miaoli County	0905	Tuku Township, Yunlin County
0507	Jhuolan Township, Miaoli County	0906	Beigang Township, Yunlin County
0508	Dahu Township, Miaoli County	0907	Gukeng Township, Yunlin County
0509	Gongguan Township, Miaoli County	0908	Dabi Township, Yunlin County
0510	Tongluo Township, Miaoli County	0909	Cihtong Township, Yunlin County
0511	Nanjhuang Township, Miaoli County	0910	Linnei Township, Yunlin County
0512	Touwu Township, Miaoli County	0911	Erlun Township, Yunlin County
0513	Sanyi Township, Miaoli County	0912	Lunbei Township, Yunlin County
0514	Sihu Township, Miaoli County	0913	Mailiao Township, Yunlin County
0515	Zaociao Township, Miaoli County	0914	Dongshih Township, Yunlin County
0516	Sanwan Township, Miaoli County	0915	Baojhong Township, Yunlin County
0517	Shihtan Township, Miaoli County	0916	Taisi Township, Yunlin County
0518	Taian Township, Miaoli County	0917	Yuanchang Township, Yunlin County
0700	Changhua County	0918	Sihhu Township, Yunlin County
0701	Changhua City, Changhua County	0919	Kouhu Township, Yunlin County
0702	Lugang Township, Changhua County	0920	Shueilin Township, Yunlin County
0703	Hemei Township, Changhua County	1000	Chiayi County
0704	Siansi Township, Changhua County	1001	Taibao City, Chiayi County
0705	Shengang Township, Changhua County	1002	Puzih City, Chiayi County
0706	Fusing Township, Changhua County	1003	Budai Township, Chiayi County
0707	Sioushuei Township, Changhua County	1004	Dalin Township, Chiayi County
0708	Huatan Township, Changhua County	1005	Minsyong Township, Chiayi County
0709	Fenyuan Township, Changhua County	1006	Sikou Township, Chiayi County
0710	Yuanlin Township, Changhua County	1007	Singang Township, Chiayi County
0711	Sihu Township, Changhua County	1008	Liujiiao Township, Chiayi County

1009	Dongshih Township, Chiayi County	1501	Hualien City, Hualien County
1010	Yijhu Township, Chiayi County	1502	Fonglin Township, Hualien County
1011	Lucao Township, Chiayi County	1503	Yuli Township, Hualien County
1012	Shueishang Township, Chiayi County	1504	Sincheng Township, Hualien County
1013	Jhongpu Township, Chiayi County	1505	Jian Township, Hualien County
1014	Jhuci Township, Chiayi County	1506	Shoufong Township, Hualien County
1015	Meishan Township, Chiayi County	1507	Guangfu Township, Hualien County
1016	Fanlu Township, Chiayi County	1508	Fongbin Township, Hualien County
1017	Dapu Township, Chiayi County	1509	Ruisui Township, Hualien County
1018	Alishan Township, Chiayi County	1510	Fuli Township, Hualien County
1300	Pingtung County	1511	Sioulin Township, Hualien County
1301	Pingtung City, Pingtung County	1512	Wanrong Township, Hualien County
1302	Chaozhou Township, Pingtung County	1513	Jhuosi Township, Hualien County
1303	Donggang Township, Pingtung County	1600	Penghu County
1304	Hengchun Township, Pingtung County	1601	Magong City, Penghu County
1305	Wandan Township, Pingtung County	1602	Husi Township, Penghu County
1306	Changjhih Township, Pingtung County	1603	Baisha Township, Penghu County
1307	Linluo Township, Pingtung County	1604	Siyu Township, Penghu County
1308	Jiouru Township, Pingtung County	1605	Wangan Township, Penghu County
1309	Ligang Township, Pingtung County	1606	Cimei Township, Penghu County
1310	Yanpu Township, Pingtung County	1700	Keelung City
1311	Gaoshu Township, Pingtung County	1800	Hsinchu City
1312	Wanluan Township, Pingtung County	2000	Chiayi City
1313	Neipu Township, Pingtung County	6300	Taipei City
1314	Jhutian Township, Pingtung County	6400	Kaohsiung City
1315	Sinbi Township, Pingtung County	6500	New Taipei City
1316	Fangliao Township, Pingtung County	6600	Taichung City
1317	Sinyuan Township, Pingtung County	6700	Tainan City
1318	Kanding Township, Pingtung County	6800	Taoyuan City
1319	Linbian Township, Pingtung County	7500	Kinmen County and Matsu County
1320	Nanjhou Township, Pingtung County	7600	Mainland China (including Hong Kong and Macau)
1321	Jiadong Township, Pingtung County	7700	Foreign Area
1322	Liuqiu Township, Pingtung County		
1323	Checheng Township, Pingtung County		
1324	Manzhou Township, Pingtung County		
1325	Fangshan Township, Pingtung County		
1326	Sandimen Township, Pingtung County		
1327	Wutai Township, Pingtung County		
1328	Majia Township, Pingtung County		
1329	Taiwu Township, Pingtung County		
1330	Laiyi Township, Pingtung County		
1331	Chunrih Township, Pingtung County		
1332	Shihzih Township, Pingtung County		
1333	Mudan Township, Pingtung County		
1400	Taitung County		
1401	Taitung City, Taitung County		
1402	Chenggong Township, Taitung County		
1403	Guanshan Township, Taitung County		
1404	Beinan Township, Taitung County		
1405	Luye Township, Taitung County		
1406	Chishang Township, Taitung County		
1407	Donghe Township, Taitung County		
1408	Changbin Township, Taitung County		
1409	Taimali Township, Taitung County		
1410	Dawu Township, Taitung County		
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		

### Appendix 3 Industry code

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