

SSM 2005

TAIWAN SOCIAL CHANGE SURVEY, 2005

– SOCIAL STRATIFICATION AND SOCIAL
MOBILITY IN THREE COUNTRIES –

User Guide and Codebook

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SECTION I. Sampling Methods and Response Rates

1. Sample Design

Population Coverage — The targeted population consisted of citizens of Republic of China (Taiwan) aged 20 and 69 years old (i.e., born after Jan. 1st of 1935 before Dec. 31st of 1984), who currently live in registered households in Taiwan.

Sampling Methods — The survey sample was drawn from the official household registration database, using a 3-strata PPS (probability proportional to size) sampling procedure. The actual sampling procedure is as follows: using indicators such as “population density”,¹ “educational level”,² “percentage of population above age 65”, “percentage of population between 15 to 64 years old”, “percentage of industrial workers”,³ “percentage of workers in commercial industries”,⁴ we divided Taiwan’s cities, towns, and villages into seven categories of geographic areas (e.g., large cities and their metropolitan areas, newly developed cities, remote towns, etc.). We combined Categories 6 and 7 while selecting the sample, because these two categories contain relatively small numbers of cities and counties. Our first step was to determine the number of respondents required from each of the six categories based on their relative population size. Next, by the geographical category we randomly selected the counties, villages, districts, and wards to be included in the survey sample, based on the size of these geographical units’ populations. We then used a systematic sampling scheme to

¹ Population density refers to number of population per square miles

² Percentage of persons 15 years and older who have at least junior college degree.

³ Percentage of industrial workers = number of industrial workers/total population

⁴ Percentage of business workers = number of employee in commercial industries/total population.

sample potential respondents from the counties, villages, or wards selected, until we reached the desired sample size.

We expected to have 5000 successful cases for this survey. In order to reach this target, we inflated the sample of potential respondents based on our past experiences with survey refusal rates for different areas. For example, our experience indicated that highly urbanized areas, such as Taipei city, tend to have higher refusal rates. We therefore inflated the sample of potential respondents for the Taipei metropolitan area to a greater extent than we did for other cities. To be specific, we used the averages of the refusal rates from recent waves of the Taiwan Social Change Survey (i.e., TSCS 4-3, 4-4, and 4-5) to determine the inflation rates for each area sampled. The inflation rates we used were between 2 to 4, resulting in a final sample of 12,041 potential respondents.

To ensure this sample's representativeness of the target population, we compared the sample to the 2005 population data provided by the Ministry of Interior Affairs. Using Chi-square tests, we compared our sample's distributions of (1) sex, (2) age, and (3) age*sex with those for the target population. The results indicated high consistency of our data with the general population. Table 1-1 shows the results in detail.

Final sample size — We selected 12,041 potential respondents, with the expectation to have 5,068 successful cases in the end. The final number of successful cases, however, is 5,379. Thus, the survey's crude response rate is 44.69%. Tables 1-2 and 1-3 provide the break-downs of the survey response rate by area and reasons for failed cases, respectively. As Table 1-3 shows, 1,647 individuals in the original sample were either not living in the household stated in their household registration records

(coded 32-38, 57-85), or were unable to communicate with interviewers because of their physical or mental disabilities (coded 55). We therefore recalculated the response rate excluding those cases, as they should not be considered as potential respondents in the first place. After excluding the invalid cases, the survey response rate becomes 51.77%.

Table 1-1: A comparison of the survey sample with the target population

		<i>N.</i>	Expected values	Chi-square	<i>P</i>
Sex	Male	6038	6057.2	0.123	0.726
	Female	6003	5983.8		
Age	20-29	3077	3068.1	1.171	0.883
	30-39	2853	2901.3		
	40-49	2953	2929.4		
	50-59	1972	1954.9		
	60-69	1186	1187.3		
Sex*age	M 20-29	1576	1566.8	1.921	0.993
	M 30-39	1426	1467.3		
	M 40-49	1477	1477.6		
	M 50-59	982	974.0		
	M 60-69	577	571.7		
	F 20-29	1501	1501.3		
	F 30-39	1427	1434.1		
	F 40-49	1476	1451.9		
	F 50-59	990	980.9		
	F 60-69	609	615.6		

N=12,041

Table 1-2: Sample sizes and response rates across geographical categories

Geographical category	Sampled <i>N.</i>	Expected <i>N.</i>	<i>N.</i> of successful cases	Crude response rate	Final response rate
1	3384	1152	1191	0.35	0.41
2	3444	1344	1417	0.41	0.47
3	2814	1344	1436	0.51	0.59
4	704	400	399	0.57	0.64
5	1239	600	703	0.57	0.66
6+7	456	228	233	0.51	0.64
Total	12041	5068	5379	44.69%	51.77%

Table 1-3: Results of survey interviews

Code	Interview Results	Frequency	%
1	Successful	5379	44.67
2	Not answered by the designated respondent	19	0.16
5	Responses faked by interviewers	9	0.07
9	Responses unreliable for other reasons	22	0.18
11	Refusal out of important personal reasons	2	0.02
12	Refusal; temporarily unavailable	50	0.42
13	Temporarily away	392	3.26
15	Nobody home	1800	14.95
16	Refusal by other family members	262	2.18
17	Refusal by building security guards	43	0.36
18	Inability to speak Chinese	1	0.01
19	Wrong address	3	0.02
21	In military service	46	0.38
31	Temporarily away from the residence for study	65	0.54
*32	Not at the residence for work reasons	422	3.50
*33	No such person at the residence despite what the household registration records show	86	0.71
*34	Not actually living at the place, but using the address for household registration for school reasons	9	0.07
*35	Not actually living at the place, but using the address for household registration for other reasons	96	0.80
*36	Not living in the place; the house is rented to others	113	0.94
*37	Not actually living in the place for family or marriage reasons	70	0.58
*38	Not actually living in the place for other reasons	290	2.41
40	Respondents away; others at the residence answered a short survey about the respondents	220	1.83
51	Refusal; no reason given	1571	13.05
52	Refusal because of the topic	95	0.79
53	Refusal in the middle of the interview	48	0.40
54	Unable to be interviewed (e.g. for health reasons)	79	0.66
*55	Inability to communicate due to disabilities	56	0.47
56	Temporarily away and will not be back in the next several weeks	281	2.33
*57	Missing	99	0.82
*73	Not at the residence any more	105	0.87
*74	Deceased	6	0.05

Code	Interview Results	Frequency	%
*76	Incarcerated	17	0.14
*81	Wrong address	2	0.02
*82	Address cannot be found	20	0.17
*83	Empty house/building	100	0.83
*84	House demolished	22	0.18
*85	No such person in the house	134	1.11
98	Other reasons	7	0.06
	Total	12041	100

SECTION II. Data Collection and Processing

1. Data Collection

The survey data were collected through face-to-face interviews. We employed 190 interviewers to conduct the interviews. The entire fieldwork took seven weeks, from September 5th, 2005 to October 23rd, 2005. In addition to the 190 interviewers, we also recruited 30 supervisors to assist, monitor, and coordinate with the interviewers during the fieldwork period. To be specific, the supervisors' main tasks were to help resolve unexpected problems during the fieldwork; to ensure that interviewers collect the survey data truthfully and correctly; and to double check the questionnaire responses that the interviewers turned in. The interviewers were asked to write down all the responses on the questionnaire during each of their interviews. After an interview was complete, the supervisor in charge of the area would examine the completed questionnaire to ensure all responses are logical and reasonable.

Most interviewers and supervisors have previous experiences conducting face-to-face interviews. Nevertheless, two-day training courses were provided for supervisors and interviewers, respectively, from September 3-4th 2005. An additional meeting was also held on September 10th for the supervisors to report back the difficulties that they and the interviewers encountered during the process.

Each interviewer was asked to strictly follow the procedures described below while collecting the survey data: 1) every person included in the sample list given to the interviewer has to be contacted, unless the interviewer is informed during the first visit

that there is no possibility that the person can be found (i.e. due to death, migration, etc); 2) cases other than those listed in 1) must be contacted at least three times before an interviewer can give up; and 3) an interviewer's job is not complete until all the people in the sampling list have been contacted and the interviewer is certain that there would be no more cases who might accept an interview.

The supervisors were responsible for counterchecking the survey responses to ensure the authenticity of the data. They are asked to countercheck successful and failed cases separately. For the successful cases, a supervisor would randomly select 30 percent of those who could be reached by phone and counterchecked the interview results by phone. A supervisor would also randomly select 30 percent of the respondents who did not provide phone numbers and visited them personally. As to the failed cases, the supervisors would select 30 percent of such cases and double check the validity and accuracy of the information that the interviewers have recorded (e.g., reasons for failures or refusals).

2. Data Processing and Validation

The data processing consisted of three steps: first, the supervisors checked respondents' answers, converted them into numerical codes, and wrote the codes into the boxes provided next to each question in the questionnaires. The supervisors also organized meetings with interviewers to ensure that all answers and responses are clearly stated in each completed questionnaire.

Second, all questionnaires were mailed back to the survey project office, where the project assistants checked the accuracy of results by comparing the

successful cases' age and sex to those indicated in the original sample list. The project assistants were also responsible for resolving unexpected problems. They also checked the consistency of survey responses for each case. When illogical answers occurred, the project assistants generally tried to contact the respondent by phone to correct any mistake.

Third, after the project assistants checked all the survey responses, the completed questionnaires, on which the responses were converted into numerical records, were sent to an outside company. This company was responsible for keying in the data. The same data were entered twice into the computer system by different people to ensure accuracy. After the data entry was complete, the project assistants ran computer programs on the data to search for the following types of errors:

(1) Missing values: there should not be any missing value due to mistakes occurred during the data processing.

(2) Unreasonable values: for each variable there should not be unexpected codes; any of such codes would be corrected.

(3) Logic checking: respondents' answers should be consistent and logical (e.g., one cannot be older than one's parent). When a respondent's answers seem illogical, the project assistants called the respondent (if possible) to double check the accuracy of his or her answers.

SECTION III. Additional Explanations on Coding

1. Basic Coding Scheme

- The following coding system applies to most questions:
 - “skip, missing, or not applicable”, coded as 9, 99, 999, 9999.
 - don’t know, don’t remember”, coded as 7, 97, 997, 9997.
 - “refuse to answer” coded as 8, 98, 998, 9998.
 - “till now”, coded as 96.
 - “not sure”, coded as 995.
- For questions where more than one answer is allowed, each of the response options is coded as a dummy variable, where 1 indicates the response being checked and 0 response unchecked.

2. Added Variables

In order to record the complete work and life histories of each respondent, we included as many variables as needed for respondents’ education histories, working histories, residential histories, and their spouse’s working histories. We explain these added variables in the following:

- Education history: the longest experiences involve 7 stages (added one set of variables for schooling experience; also see Table 3-1).
- Marriage history: the longest has four marriages (added one set of variables); see Table 3-2.
- Working history: some respondents had very complicated and special working experiences. The respondent who has the most complicated work history has

41 spells (including spells of nonemployment) in the history, leading to 26 set of variables added to accommodate this particular work history (see Table 3-3).

- Spousal working history: some respondents have very complicated and involves many changes, the longest case for this set of questions involves 22 spells (including time out of the labor force), leading to 10 sets of variables added to the data set (see Table 3-4).
- Residential history: some respondents have changed places of residence more than 15 times since they were 15 years old (5 more places were added); also see Table 3-5.

Table 3-1: additional variables for educational history

C: Educational history									
c4a7	c4b7	c4c17	c4c27	c4d7	c4e_ci7	c4e_sch7	c4e7	c4f7	c4f_ch7

Table 3-2: additional variables for marital history

C: Marital history			
c9_4sy	c9_4sm	c9_4ey	c9_4em

Table 3-3: additional variables for work history

D: Work History				
16th set	17th set	40th set	41st set
d3cid_16	d3cid_17		d3cid_40	d3cid_41
d3jid_16	d3jid_17		d3jid_40	d3jid_41
d3_16	d3_17		d3_40	d3_41
d4_16	d4_17		d4_40	d4_41
d5_16	d5_17		d5_40	d5_41
d5txt_16	d5txt_17		d5txt_40	d5txt_41
d5isic_16	d5isic_17		d5isic_40	d5isic_41
d6_16	d6_17		d6_40	d6_41
d7_16	d7_17		d7_40	d7_41
d8_16	d8_17		d8_40	d8_41
d8txt_16	d8txt_17	d8txt_40	d8txt_41

d9_16	d9_17	d9_40	d9_41
d9txt_16	d9txt_17	d9txt_40	d9txt_41
d10_16	d10_17	d10_40	d10_41
d11_16	d11_17	d11_40	d11_41
d12_16	d12_17	d12_40	d12_41
d13_16	d13_17	d13_40	d13_41
d13txt_16	d13txt_17	d13txt_40	d13txt_41
d14syr_16	d14syr_17	d14syr_40	d14syr_41
d14smon_16	d14smon_17	d14smon_40	d14smon_41
d14eyr_16	d14eyr_17	d14eyr_40	d14eyr_41
d14emon_16	d14emon_17	d14emon_40	d14emon_41
d15_16	d15_17	d15_40	d15_41

Table 3-4: additional variables for spousal work history

D: Spouse Work History				
13th set	14th set	21st set	22nd set
e5a_13	e5a_14		e5a_21	e5a_22
e5b_13	e5b_14		e5b_21	e5b_22
e5c_13	e5c_14		e5c_21	e5c_22
e5ctxt_13	e5ctxt_14		e5ctxt_21	e5ctxt_22
e5isic_13	e5isic_14		e5isic_21	e5isic_22
e5d_13	e5d_14		e5d_21	e5d_22
e5e_13	e5e_14		e5e_21	e5e_22
e5f_13	e5f_14		e5f_21	e5f_22
e5ftxt_13	e5ftxt_14		e5ftxt_21	e5ftxt_22
e5g_13	e5g_14		e5g_21	e5g_22
e5h_13	e5h_14	e5h_21	e5h_22
e5i_13	e5i_14		e5i_21	e5i_22
e5jsyr_13	e5jsyr_14		e5jsyr_21	e5jsyr_22
e5jsmon_13	e5jsmon_14		e5jsmon_21	e5jsmon_22
e5jeyr_13	e5jeyr_14		e5jeyr_21	e5jeyr_22
e5jemon_13	e5jemon_14		e5jemon_21	e5jemon_22
e5k_13	e5k_14		e5k_21	e5k_22

Table 3-5: additional variables for residential history

F: Residential history							
f3_11s	f3_11e	f3_11z	f3_12s	f3_12e	f3_12z	f3_13s	f3_13e
f3_13z	f3_14s	f3_14e	f3_14z	f3_15s	f3_15e	f3_15z	

For the purpose of international comparison, we added a set of new variables to convert local industrial classification system to international coding schemes (ISIC, rev 3.1). These included the following variables:

Table 3-6: Additional variables for ISIC, Rev. 3.1

Standard Industrial Classification System of the Republic of China	International Standard Industrial Classification, Rev 3.1 (three digits).	NOTES
b10c	b10isic	
b11c	b11isic	
b12c	b12isic	
d5_(X)	d5isic_(X)	(X) is the sequential number of the R's job spells. It varies from 1 to 41.
e5c_(X)	e5isic_(X)	(X), runs from 1 to 22, is the sequential number of the spouse's job spells.

Because of the education expansion and reform, the name of the school when the respondent attended the school may be different from its current name. For example, a junior college may upgrade to become an university in recent years. We therefore provide two set of variables for the school names, one contained the name when the respondents attended the school (original codes), the other contained the names of the same school in 2005 (newscode). There are also two set of codings for school major, one is the detailed classifications of Ministry of Education (MOE), the other converted the detailed codings into international comparable scheme (ISCED 1997). The newly added variables included:

Table 3-7: Additional Variables for School Names and Majors

School name when the respondent attended the school	School name in 2005	NOTES
c4e(X)	newscore(X)	(X) is the sequential number of education spells, ranges from 1 to 7.
Detailed major (MOE)	ISCED 1997	
c4f(X) (omitted for protecting respondents' anonymity)	isced(X)	(X) is the sequential number of education spells, ranges from 1 to 7.

The information on the detailed college major and the detailed vocational high school major were omitted to protect respondents' anonymity; they can be made available upon special request. Broad groups of college-level school major are listed in Appendix 6. High school vocational track majors were recoded into equivalent ISCED codes, the grouped fields of study are listed in Appendix 8.

3. Revised and Newly Added Response Items

When respondents answered "other" and specify, and when the percentage of the similar responses listed under "other" is larger than 1 %, we included such responses as a new option for the original question and provided a code for them. We detail such additions in the following:

1. b10a: "Which one of the following best applies to your father's job when you were 15 years old? " Newly added item: (16) Nonprofit Organization.
2. c8: "What is your current marital status?" Newly added item: (5) (other, please specify) cohabitation.

3. d9: “How did you find your job at this workplace?” Newly added item: (15) returned to the previous employer, (16) lateral transfer/job rotation; (17) privatization/become state own, (18) elected to public office; (19) alternative military service/joined military; (21) Found the job by myself; (22) Introduction by a public organization other than public employment agency.
4. d11: “Does/did this job require you to work or be involved in work-related social activities at nights or on weekends/holidays?” Newly added item: (5) it depends.
5. d12: “When you started working at this workplace, did your income increase or decrease compared to the previous job?” Newly added item: (5) salary not fixed.
6. d13: “If this is not your current job, why did you leave this job?” Newly added items: (09) job rotation/lateral transfer; (10) in/out military service; (11) to start a business/spinoff; (12) return to school; (13) physical reasons (aging/illness/injury); (14) prepare for examinations/study; (15) move to other places; (16) to help friend/family business; (17) go home/homesick; (18) tired/dont want to work/ take a break; (19) company restructuring/job abolished; (20) company moved to other place; (21) go abroad; (22) no customers/no business; (23) finished intern/graduated from school; (24) job training/to learn new skills; (25) want to try different jobs; (26) pursue other goals in life; (27) incarcerated; (28) dismissal/got fired.
7. e4a: “Does your husband/wife work now?” Newly added: (1) Yes, works until now or retired; (2) No, never worked after marriage; (3) Yes, but in and out of the labor market; (4) Cannot tell.

8. f7: "Please circle all cohabiting members." Newly added: (21) Ex-spouse; (22) Common law spouse; (23) Divorced son; (24) Divorced daughter; (25) Child (gender unknown); (26) Son (marital status unknown); (27) Daughter (marital status unknown); (28) Step father; (29) Step mother; (30) Uncle; (31) Aunt; (32) Nephew; (33) Niece; (34) Nephew or niece; (35) Nephew or niece of the spouse; (36) Cousin; (37) Brother's wife; (38) Sister's husband; (39) Spouse of sisters/brothers in law; (40) Relative; (41) Cohabitant; (42) Lover or betrothed; (43) Friend; (44) Partner/Colleagues; (45) Family of the respondent's lover.
9. f11: "The place you currently live is a_____." Newly added: (8) iron shelter; (9) bungalow
10. f12: "Who owns your current home?" Newly added: (9) Other person (i.e., rental pay rent; (12) jointly owned by me and my siblings; (13) owned by other siblings; (14) owned by my grandparents.
11. g4: "If you were to change jobs in the future, is there anyone whom you could personally call on to help in your search for a new job?" Newly added: (13) classmates/friends; (14) do not want to work; (15) myself; (21) family and relatives; (22) employment agency.
12. g12: "How often do you go to temple, church, etc. or attend religious activities?" Newly added: (95) it depends.
13. h5: "Among the five political parties in Taiwan (i.e., Kuomintang, Democratic Progressive Party, People First Party, Taiwan Solidarity Union, and New Party), which one do you support more?" Newly added: (9) support candidates, no preference for the party; (10) it depends on the candidates.

Please refers to Appendix 9 for a complete list of all the variables included in the data. Appendix 10 listed all the value labels used in the data.

4. Chinese-Only Variables

During the interview, for certain information such as company names, contents of work, etc, respondents provided information only in Chinese. Please note that for the variables listed in Table 3-8 there is no English translation provided. Open-end answers in Chinese are included for these variables.

Table 3-8 : Variables that contain only Chinese data

Section (A). Background information	
a5_ch	texts for [other category] in a5
Section (B). About Parents	
b3_ch	texts for [other category] in b3
b5_ch	texts for [other category] in b5
b9_ch	texts for [other category] in b9
b10b	Father's occ when 15: What was the name of your father's company/institution? (in Chinese, omitted for protecting respondent's anonymity)
b10ctxt	Father's occ when 15: Please explain what his company/institution's main product or services was ?
b10dtxt	Father's occ when 15: What kind of work did he do at his workplace? (texts in Chinese)
b11b	Father's main occ: What was the name of your father's company/institution? (in Chinese, omitted for protecting respondent's anonymity)
b11ctxt	Father's main occ: Please explain what his company/institution's main product or services was ?
b11dtxt	Father's main occ: What kind of work did he do at his workplace? (texts in Chinese)
b12b	Mother's occ when 15: What was the name of your mother's company /institution? (in Chinese, omitted for protecting respondent's anonymity)
b12ctxt	Mother's occ when 15: Please explain what her company/institution's main product or services was ?
b12dtxt	Mother's occ when 15: What kind of work did he do at his workplace? (texts in Chinese)
Section (C). Education and Marriage	
note: (X) is the sequential number for each of the seven educational spells.	

c1_ch	texts for [other category] in c1
c4e_ci(X)	School (X): Where was this school(city)
c4e_sch(X)	School (X): The full name of the school
c4f_ch(X)	School (X): What was the major of your study there?
Section (D) Respondent's Work History	
Note: (X) is the sequential number of respondent's job spells, from 1 to 41.	
d4_(X)	Job(X):What is the name of this company/institution? (in Chinese, omitted for protecting respondent's anonymity)
d5txt_(X)	Job(X):What is the primary product or service of this company/institution?
d8txt_(X)	Job(X): What kind of work did you do at your place of employment?(texts in Chinese)
d9txt_(X)	Job(X): texts for [other category] in d9
d13txt_(X)	Job(X): texts for [other category] in d13
Section (E). Spouse's Work History	
Note: (X) is the sequential number of spouse's job spells, from 1 to 22.	
e5b_(X)	What was the name of the company/institution your spouse worked/works for? (in Chinese, omitted for protecting respondent's anonymity)
e5ctxt_(X)	What is the primary product or service of this company/institution?
e5ftxt_(X)	What kind of work did/does your spouse do at his/her workplace?(texts in Chinese)
Section (F). Residence-change and Family	
f7_ch	Please circle all cohabiting family members from the following list. texts for[other category] in f7_18
f11_ch	texts for[other category] in f11
f12_ch	texts for[other category] in f12
Section (G)(H). Attitudes about Work and Life	
g4_ch	texts for[other category] in g4
g11_ch	texts for[other category] in g11
h5_ch	texts for[other category] in h5

5. Chinese-Only Value Labels

Schools and detailed college majors were coded using MOE's standard classification system. Because MOE did not provide English names for all schools, we were only able to attach English labels for the names of college/university (see Appendix 5), but not for high schools. The Chinese names for high school are listed in Appendix 7.

SECTION IV: Areas Included in the Survey

Tables 4-1 to 4-6 show the actual areas included in the sample, as well as the numbers of villages or districts selected from each of the broader geographic category (see Section I for sampling methods in detail).

Table 4-1 : Sampled areas in Category 1

Names of the sampled areas in Chinese	Names in English	Number of villages/districts sampled from the area
台中市北 區	North District, Taichung City	3
台中市南 區	South District, Taichung City	3
台北市大安區	Da-an District, Taipei City	3
台北市中山區	Jhongshan District, Taipei City	3
台北市松山區	Songshan District, Taipei City	3
台北市信義區	Sinyi District, Taipei City	3
台北市萬華區	Wanhua District, Taipei City	3
台北縣三重市	Sanchong City, Taipei County	3
台北縣中和市	Jhonghe City, Taipei County	3
台北縣永和市	Yonghe City, Taipei County	3
台北縣板橋市	Banciao City, Taipei County	3
台北縣新莊市	Sinjuhang City, Taipei County	3
台北縣蘆洲市	Lujhou City, Taipei County	3
台南市東 區	East District, Tainan City	3
高雄市三民區	Sanmin District, Kaohsiung City	3
高雄市鹽埕區	Yancheng District, Kaohsiung City	3

Table 4-2 : Sampled areas in Category 2

Names of the sampled areas in Chinese	Names in English	Number of villages/districts sampled from the area
台中市北屯區	Beitun District, Taichung City	3
台中市西屯區	Situn District, Taichung City	3
台中市南屯區	Nantun District, Taichung City	3
台北市內湖區	Neihu District, Taipei City	3

台北市文山區	Wunshan District, Taipei City	3
台北縣土城市	Tucheng City, Taipei County	3
台北縣新店市	Sindian City, Taipei County	3
台南市南 區	South District, Tainan City	3
台南縣新營市	Sinying City, Tainan County	3
花蓮縣花蓮市	Hualien City, Hualien County	3
桃園縣桃園市	Taoyuan City, Taoyuan County	3
高雄市左營區	Zuoying District, Kaohsiung City	3
高雄市前鎮區	Cianjhen District, Kaohsiung City	3
高雄縣鳳山市	Fongshan City, Kaohsiung County	3
基隆市信義區	Sinyi District, Keelung City	3
嘉義市東 區	Chiayi City	3

Table 4-3 : Sampled areas in Category 3

Names of the sampled areas in Chinese	Names in English	Number of villages/districts sampled from the area
台中縣大雅鄉	Daya Township, Taichung County	3
台北縣樹林市	Shulin City, Taipei County	3
台南市安南區	Annan District, Tainan City	3
台南縣仁德鄉	Rende Township, Tainan County	3
台南縣永康市	Yongkang City, Tainan County	3
台南縣佳里鎮	Jiali Township, Tainan County	3
宜蘭縣冬山鄉	Dongshan Township, Yilan County	3
花蓮縣新城鄉	Sincheng Township, Hualien County	3
苗栗縣苗栗市	Miaoli City, Miaoli County	3
桃園縣龍潭鄉	Longtan Township, Taoyuan County	3
高雄市楠梓區	Nanzih District, Kaohsiung City	3
高雄縣橋頭鄉	Ciaotou Township, Kaohsiung County	3
雲林縣斗六市	Douliou City, Yunlin County	3
新竹市香山區	Hsinchu City	3
彰化縣員林鎮	Yuanlin Township, Changhua County	3
彰化縣彰化市	Changhua City, Changhua County	3

Table 4-4 : Sampled areas in Category 4

Names of the sampled areas in Chinese	Names in English	Number of villages/districts sampled from the area
苗栗縣公館鄉	Gongguan Township, Miaoli County	4
桃園縣大溪鎮	Dasi Township, Taoyuan County	4
新竹縣北埔鄉	Beipu Township, Hsinchu County	4
彰化縣福興鄉	Fusing Township, Changhua County	4

Table 4-5 : Sampled areas in Category 5

Names of the sampled areas in Chinese	Names in English	Number of villages/districts sampled from the area
宜蘭縣礁溪鄉	Jiaosi Township, Yilan County	3
花蓮縣壽豐鄉	Shoufong Township, Hualien County	3
南投縣埔里鎮	Puli Township, Nantou County	3
屏東縣鹽埔鄉	Yanpu Township, Pingtung County	3
雲林縣北港鎮	Beigang Township, Yunlin County	3
雲林縣莿桐鄉	Cihtong Township, Yunlin County	3
嘉義縣番路鄉	Fanlu Township, Chiayi County	3
彰化縣二林鎮	Erlin Township, Changhua County	3

Table 4-6 : Sampled areas in Categories 6 & 7

Names of the sampled areas in Chinese	Names in English	Number of villages/districts sampled from the area
台南縣後壁鄉	Houbi Township, Tainan County	3
南投縣中寮鄉	Jhongliao Township, Nantou County	3
苗栗縣三灣鄉	Sanwan Township, Miaoli County	3
嘉義縣大林鎮	Dalin Township, Chiayi County	3

SECTION V. Various Issues Regarding Occupations and Industries

- (1) We defined respondents who are “working” as those who do not hold student status, who work at least 15 hours per week, and who have been working for at least one month. However, if the respondents go to night school but work full-time during the day with or without pay, such work can also be included in our sample. However, volunteering work is not included. We kept the respondents’ answers about their jobs in the data if they worked for fewer than 15 hours per week but identified themselves as having a job.
- (2) Question b10a, b11a, b12a, d3, and e5a are about respondents’ employment status (i.e., “who do you work for?”). We made the following decisions and changes surrounding these questions.
 - a) We added one new category (16) “Nonprofit Organization,” which included all sorts of voluntary associations.
 - b) If a respondent was employed by a public school, the employer was coded as (04) “Employed by the government”
 - c) If a respondent was hired by public hospitals, his/her employment status was coded as (05) “employed by government-owned enterprises.”
 - d) If a respondent was hired by a private school or private hospital, the employment status was coded as (10) “Employed by a private enterprise, not under a condition specified above.”
 - e). If a respondent is working part-time, or as a temp who get paid on a piece-rate or “pay by the hour” basis, when answering “how many people are in your

company/organization,” his or her answer was coded as (01) “1 person”; and his/her answer for “whether you are holding a supervising or managing position”, was coded as (99).

f). When a respondent’s employment was in Mainland China, the guideline was as follows: if a respondent worked in state-owned units in China before 1949, the answer for his or her employer was coded as (04) “Employed by the government”, or (05) “employed by government-owned enterprises;” but if this respondent worked in state-owned units in Mainland China after 1949, the answer for his or her employer was coded as (10) “Employed by a private enterprise, not under a condition specified above.”

- (3) Although the interviewers were asked not to include lateral job transfer as a separate “job spell” unless the job change was accompanied by an occupational change, interviewers might still document some of the lateral transfers in the work history section. In those cases, the information in “company ID,” “employment status,” and “number of employees in the company” for the two consecutive spells will be identical and the answers in D13 (“If this is not your current job, why did you leave this job?”) will be coded as (09) (“job rotation/lateral transfer”) for the spell before the job change, and the answer in D9 (“How did you find your job at this workplace?”) will be coded as (16) (“lateral transfer/job rotation”) for the spell after the change. Careers in the following industries/establishments might involve more frequent internal job transfers: telecommunication, post office, police office, and military.

- (4) A small number of respondents reported not having jobs at the time of interview and yet had “earnings from employment.” It is possible that a respondent did have earnings from employment (insofar as the respondent perceives subjectively), but his or her type of employment was not considered as “work” defined in this survey.

SECTION VI. Miscellaneous Issues

There remain a few other issues that may concern researchers. In the following we provide clarifications.

(1) *Section B: parent's working status*

- a. The age difference between respondents and their parents might be smaller than 15: When asking situation regarding “parents”, we did not specify “biological parents” from others. For this reason, when respondents had step parents or parents through adoption, the parent-child age difference could be smaller than 15 years. Nevertheless, a small portion of the respondents whose parents were very close to them in age did indicate that the reported parent was their birth parent.

(2) *Section C: education history*

- a. When asking “C4 Please tell me all the schools you have attended after graduating from junior high school.”, and the follow-up question c4a, “Please tell me the type of school you attended.” we changed the original response items to 24 items (from the 9 original items). The new response categories are as follows:

- (01) None ⁵
- (02) Literate, but no formal schooling ⁶
- (03) Elementary school, not graduated
- (04) Elementary school, graduated

⁵ It indicates that a respondent did not have formal education and is illiterate.

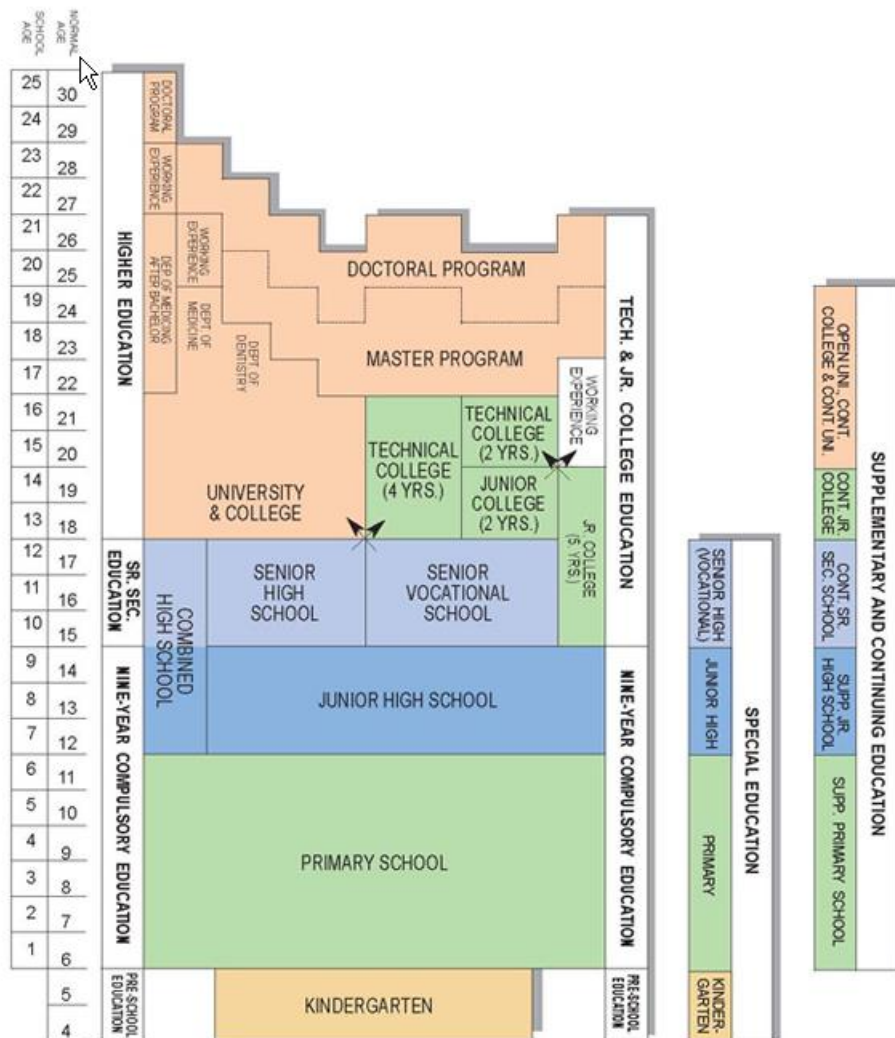
⁶ It indicates that although a respondent did not attend any formal education, he or she receive schooling at home and is literate.

- (05) Junior high school, not graduated
- (06) Junior high school, graduated
- (07) Vocational junior high school
- (08) High school, general major
- (09) High school, vocational major
- (10) Vocational high school
- (11) Drill sergeant school
- (12) Five-year junior/technical college
- (13) three-year junior/technical college
- (14) Three-year junior/technical college
- (15) Military junior college (old system)
- (16) Two-year military junior college (new system)
- (17) Correspondence study, junior-college level
- (18) Correspondence study, university level
- (19) Military/police academy
- (20) Science and technology university/college (4 years)
- (21) Normal university/college
- (22) Master's degree
- (23) Doctoral degree
- (24) Other (please specify)

For more information about the school system in Taiwan, please refer to Figure 1.

Figure 1. Current School System in Taiwan.

Current School System



- b. If a respondent attended foreign public schools, when answering c4d “is the school private or public,” the answer was coded as “private school.”
- c. If a respondent attended 5-year junior collage (which means that he or she did not attend high school), he or she still needed to answer c5, “Have you ever retaken the school entrance exam (in the next year) in order to attend a high school/junior college/university?”

APPENDIX

Appendix 1 : International Standard Industrial Codes

Code	ISIC Rev.3
A	Agriculture, hunting and forestry
10	Agriculture, hunting and related service activities
11	Growing of crops; market gardening; horticulture
12	Farming of animals
13	Growing of crops combined with farming of animals (mixed farming)
14	Agricultural and animal husbandry service activities, except veterinary activities
15	Hunting, trapping and game propagation including related service activities
20	Forestry, logging and related service activities
B	Fishing
50	Fishing, operation of fish hatcheries and fish farms; service activities incidental to fishing
C	Mining and quarrying
100	Mining of coal and lignite; extraction of peat
101	Mining and agglomeration of hard coal
102	Mining and agglomeration of lignite
103	Extraction and agglomeration of peat
110	Extraction of crude petroleum and natural gas; service activities incidental to oil and gas extraction excluding surveying
111	Extraction of crude petroleum and natural gas
112	Service activities incidental to oil and gas extraction excluding surveying
120	Mining of uranium and thorium ores
130	Mining of metal ores
131	Mining of iron ores
131	Mining of iron ores
132	Mining of non-ferrous metal ores, except uranium and thorium ores
140	Other mining and quarrying
141	Quarrying of stone, sand and clay
142	Mining and quarrying n.e.c.
D	Manufacturing
150	Manufacture of food products and beverages
151	Production, processing and preservation of meat, fish, fruit, vegetables, oils and fats

Code	ISIC Rev.3
152	Manufacture of dairy products
153	Manufacture of grain mill products, starches and starch products, and prepared animal feeds
154	Manufacture of other food products
155	Manufacture of beverages
160	Manufacture of tobacco products
170	Manufacture of textiles
171	Spinning, weaving and finishing of textiles
172	Manufacture of other textiles
173	Manufacture of knitted and crocheted fabrics and articles
180	Manufacture of wearing apparel; dressing and dyeing of fur
181	Manufacture of wearing apparel, except fur apparel
182	Dressing and dyeing of fur; manufacture of articles of fur
190	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness and footwear
191	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness
192	Manufacture of footwear
200	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials
201	Sawmilling and planing of wood
202	Manufacture of products of wood, cork, straw and plaiting materials
210	Manufacture of paper and paper products
220	Publishing, printing and reproduction of recorded media
221	Publishing
222	Printing and service activities related to printing
223	Reproduction of recorded media
230	Manufacture of coke, refined petroleum products and nuclear fuel
231	Manufacture of coke oven products
232	Manufacture of refined petroleum products
233	Processing of nuclear fuel
240	Manufacture of chemicals and chemical products
241	Manufacture of basic chemicals
242	Manufacture of other chemical products
243	Manufacture of man-made fibres
250	Manufacture of rubber and plastics products
251	Manufacture of rubber products

Code	ISIC Rev.3
252	Manufacture of plastics products
260	Manufacture of other non
261	Manufacture of glass and glass products
269	Manufacture of non-metallic mineral products n.e.c.
270	Manufacture of basic metals
271	Manufacture of basic iron and steel
272	Manufacture of basic precious and non-ferrous metals
273	Casting of metals
280	Manufacture of fabricated metal products, except machinery and equipment
281	Manufacture of structural metal products, tanks, reservoirs and steam generators
289	Manufacture of other fabricated metal products; metal working service activities
290	Manufacture of machinery and equipment n.e.c.
291	Manufacture of general purpose machinery
292	Manufacture of special purpose machinery
293	Manufacture of domestic appliances n.e.c.
300	Manufacture of office, accounting and computing machinery
310	Manufacture of electrical machinery and apparatus n.e.c.
311	Manufacture of electric motors, generators and transformers
312	Manufacture of electricity distribution and control apparatus
313	Manufacture of insulated wire and cable
314	Manufacture of accumulators, primary cells and primary batteries
315	Manufacture of electric lamps and lighting equipment
319	Manufacture of other electrical equipment n.e.c.
320	Manufacture of radio, television and communication equipment and apparatus
321	Manufacture of electronic valves and tubes and other electronic components
322	Manufacture of television and radio transmitters and apparatus for line telephony and line telegraphy
323	Manufacture of television and radio receivers, sound or video recording or reproducing apparatus, and associated goods
330	Manufacture of medical, precision and optical instruments, watches and clocks
331	Manufacture of medical appliances and instruments and appliances for measuring, checking, testing, navigating and other purposes, except optical instruments

Code	ISIC Rev.3
332	Manufacture of optical instruments and photographic equipment
333	Manufacture of watches and clocks
340	Manufacture of motor vehicles, trailers and semi
341	Manufacture of motor vehicles
342	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
343	Manufacture of parts and accessories for motor vehicles and their engines
350	Manufacture of other transport equipment
351	Building and repairing of ships and boats
352	Manufacture of railway and tramway locomotives and rolling stock
353	Manufacture of aircraft and spacecraft
359	Manufacture of transport equipment n.e.c.
360	Manufacture of furniture; manufacturing n.e.c.
361	Manufacture of furniture
369	Manufacturing n.e.c.
370	Recycling
371	Recycling of metal waste and scrap
372	Recycling of non-metal waste and scrap
E	Electricity, gas and water supply
400	Electricity, gas, steam and hot water supply
401	Production, collection and distribution of electricity
402	Manufacture of gas; distribution of gaseous fuels through mains
403	Steam and hot water supply
410	Collection, purification and distribution of water
F	Construction
450	Construction
451	Site preparation
452	Building of complete constructions or parts thereof; civil engineering
453	Building installation
454	Building completion
455	Renting of construction or demolition equipment with operator
G	Wholesale and retail trade; repair of motor vehicles, motorcycles and personal and household goods
500	Sale, maintenance and repair of motor vehicles and motorcycles; retail sale of automotive fuel
501	Sale of motor vehicles
502	Maintenance and repair of motor vehicles

Code	ISIC Rev.3
503	Sale of motor vehicle parts and accessories
504	Sale, maintenance and repair of motorcycles and related parts and accessories
505	Retail sale of automotive fuel
510	Wholesale trade and commission trade, except of motor vehicles and motorcycles
511	Wholesale on a fee or contract basis
512	Wholesale of agricultural raw materials, live animals, food, beverages and tobacco
513	Wholesale of household goods
514	Wholesale of non-agricultural intermediate products, waste and scrap
515	Wholesale of machinery, equipment and supplies
519	Other wholesale
520	Retail trade, except of motor vehicles and motorcycles; repair of personal and household goods
521	Non-specialized retail trade in stores
522	Retail sale of food, beverages and tobacco in specialized stores
523	Other retail trade of new goods in specialized stores
524	Retail sale of second-hand goods in stores
525	Retail trade not in stores
526	Repair of personal and household goods
H	Hotels and restaurants
550	Hotels and restaurants
551	Hotels; camping sites and other provision of short-stay accommodation
552	Restaurants, bars and canteens
I	Transport, storage and communications
600	Land transport; transport via pipelines
601	Transport via railways
602	Other land transport
603	Transport via pipelines
610	Water transport
611	Sea and coastal water transport
612	Inland water transport
620	Air transport
621	Scheduled air transport
622	Non-scheduled air transport
630	Supporting and auxiliary transport activities; activities of travel agencies
640	Post and telecommunications

Code	ISIC Rev.3
641	Post and courier activities
642	Telecommunications
J	Financial intermediation
650	Financial intermediation, except insurance and pension funding
651	Monetary intermediation
659	Other financial intermediation
660	Insurance and pension funding, except compulsory social security
670	Activities auxiliary to financial intermediation
671	Activities auxiliary to financial intermediation, except insurance and pension funding
672	Activities auxiliary to insurance and pension funding
K	Real estate, renting and business activities
701	Real estate activities with own or leased property
702	Real estate activities on a fee or contract basis
710	Renting of machinery and equipment without operator and of personal and household goods
711	Renting of transport equipment
712	Renting of other machinery and equipment
713	Renting of personal and household goods n.e.c.
720	Computer and related activities
721	Hardware consultancy
722	Software consultancy and supply
723	Data processing
724	Data base activities
725	Maintenance and repair of office, accounting and computing machinery
729	Other computer related activities
730	Research and development
731	Research and experimental development on natural sciences and engineering (NSE)
732	Research and experimental development on social sciences and humanities (SSH)
740	Other business activities
741	Legal, accounting, book-keeping and auditing activities; tax consultancy; market research and public opinion polling; business and management consultancy
742	Architectural, engineering and other technical activities

Code	ISIC Rev.3
743	Advertising
749	Business activities n.e.c.
L	Public administration and defence; compulsory social security
750	Public administration and defence; compulsory social security
751	Administration of the State and the economic and social policy of the community
752	Provision of services to the community as a whole
753	Compulsory social security activities
M	Education
800	Education
801	Primary education
802	Secondary education
803	Higher education
809	Adult and other education
N	Health and social work
850	Health and social work
851	Human health activities
852	Veterinary activities
853	Social work activities
O	Other community, social and personal service activities
900	Sewage and refuse disposal, sanitation and similar activities
910	Activities of membership organizations n.e.c.
911	Activities of business, employers and professional organizations
912	Activities of trade unions
919	Activities of other membership organizations
920	Recreational, cultural and sporting activities
921	Motion picture, radio, television and other entertainment activities
922	News agency activities
923	Library, archives, museums and other cultural activities
924	Sporting and other recreational activities
930	Other service activities
P	Private households with employed persons
950	Private households with employed persons
Q	Extra-territorial organizations and bodies
990	Extra-territorial organizations and bodies
995	not fixed
997	Do not know

Code	ISIC Rev.3
998	Refused
999	NA

Appendix 1B. Taiwan Standard Industrial Classification System

CODE	Standard Industrial Classification System of Taiwan
11	Agriculture and Horticulture
12	Animal Husbandry
13	Agricultural and Animal Husbandry Services
21	Forestry
22	Logging and Forestation
31	Fishing
32	Aquaculture
41	Crude Petroleum, Natural Gas and Geothermal Sources
42	Coal Mining
51	Metal Ore Mining
52	Nonmetallic Mining
61	On-land Clay and Stone Quarrying
62	River and Coastal Gravel Quarrying
69	Other Quarrying
80	Food and Beverage Manufacturing
81	Slaughtering
82	Dairy Product Manufacturing
83	Canned, Frozen, Dehydrated and Preserved Food Manufacturing
84	Sugar Confectionery and Bakery Product Manufacturing
85	Edible Oil Manufacturing, Flour Milling and Grain Husking
86	Sugar Manufacturing
87	Seasoning Manufacturing
88	Beverage Manufacturing
89	Other Food Manufacturing
90	Tobacco Manufacturing
100	Textiles Mills
101	Yarn Spinning Mills
102	Fabric Mills
103	Non-woven Fabrics Mills
104	Rope, Cable, Net, Rug and Carpet Manufacturing
105	Printing, Dyeing and Finishing Mills
109	Other Textile Mills
110	Apparel, Clothing Accessories and Other Textile Product Manufacturing
111	Woven Wearing Apparel Manufacturing
112	Apparel Knitting Mills
113	Textile Hat Manufacturing

CODE	Standard Industrial Classification System of the Republic of China
114	Clothing Accessories Manufacturing
119	Other Textile Product Manufacturing
120	Leather, Fur and Allied Product Manufacturing
130	Wood and Bamboo Products Manufacturing
140	Furniture and Fixtures Manufacturing
141	Non-metallic Furniture and Fixtures Manufacturing
142	Metallic Furniture and Fixtures Manufacturing
143	Furniture and Fixture Coating
150	Pulp, Paper and Paper Products Manufacturing
151	Pulp Manufacturing
152	Paper Manufacturing
153	Processed Paper Manufacturing
154	Paper Container Manufacturing
159	Other Paper Products Manufacturing
160	Printing and Related Support Activities
161	Platemaking
162	Printing
163	Printed Matters Bookbinding and Processing
169	Other Printing Support Activities
170	Chemical Material Manufacturing
171	Basic Chemical Material Manufacturing
172	Man-made Fibers Manufacturing
173	Synthetic Resin, Plastic and Rubber Materials Manufacturing
179	Other Chemical Materials Manufacturing
180	Chemical Products Manufacturing
181	Paints, Varnishes, Lacquers, Pigments Manufacturing
182	Medicines Manufacturing
183	Cleaning Preparations Manufacturing
184	Cosmetics Manufacturing
189	Other Chemical Products Manufacturing
190	Petroleum and Coal Products Manufacturing
191	Petroleum Refineries
199	Other Petroleum and Coal Products Manufacturing
200	Rubber Products Manufacturing
210	Plastic Products Manufacturing
220	Non-metallic Mineral Products Manufacturing
221	Pottery, China and Earthenware Manufacturing

CODE	Standard Industrial Classification System of the Republic of China
222	Glass and Glass Products Manufacturing
223	Cement and Cement Products Manufacturing
224	Refractory Materials Manufacturing
225	Stone Products Manufacturing
229	Other Non-Metallic Mineral Products Manufacturing
230	Basic Metal Industries
231	Iron and Steel Basic Industries
232	Aluminum Basic Industries
233	Copper Basic Industries
234	Magnesium Basic Industries
239	Other Metal Basic Industries
240	Fabricated Metal Products Manufacturing
241	Metal Forging and Powder Metallurgy
242	Cutlery and Handtools Manufacturing
243	Metal Structure and Architectural Components Manufacturing
244	Metal Container Manufacturing
245	Metal Surface Treating and Heat Treating
249	Other Fabricated Metal Products Manufacturing
250	Machinery and Equipment Manufacturing and Repairing
251	Boilers, Engines and Turbines Manufacturing and Repairing
252	Agricultural and Horticulture Machinery Manufacturing and Repairing
253	Metalworking Machinery Manufacturing and Repairing
254	Special Production Machinery Manufacturing and Repairing
255	Building and Mining Machinery Manufacturing and Repairing
256	Office Machines Manufacturing
257	Pollution Controlling Equipment Manufacturing and Repairing
258	General Machinery Manufacturing and Repairing
259	Other Machinery Manufacturing and Repairing
260	"Computer, Communications, and Audio and Video Electronic Products Manufacturing
261	Computer and Peripheral Equipment Manufacturing
262	Communications Equipment and Apparatus Manufacturing
263	Audio and Video Electronic Products Manufacturing
264	Data Storage Media Units Manufacturing and Reproducing
270	Electronic Parts and Components Manufacturing
271	Semi-conductors Manufacturing
272	Electronic passive devices Manufacturing
273	Bare Printed Circuit Boards Manufacturing

CODE	Standard Industrial Classification System of the Republic of China
279	Other Electronic Parts and Components Manufacturing
280	Electrical Machinery, Supplies and Equipment Manufacturing and Repairing
281	Electrical Machinery, Supplies Manufacturing and Repairing
282	Electrical Appliances and Housewares Manufacturing
283	Lighting Equipment Manufacturing
284	Batteries Manufacturing
289	Other Electronic Appliances Manufacturing and Repairing
290	Transport Equipment Manufacturing and Repairing
291	Ship and Parts Manufacturing and Repairing
292	Tramway Cars and Parts Manufacturing and Repairing
293	Motor Vehicles and Parts Manufacturing
294	Motorcycles and Parts Manufacturing
295	Bicycles and Parts Manufacturing
296	Aircraft and Parts Manufacturing and Repairing
299	Other Transport Equipment and Parts Manufacturing and Repairing
300	Precision, Optical, Medical Equipment, Watches and Clocks Manufacturing
301	Precision Instruments Manufacturing
302	Photographic and Optical Equipment Manufacturing
303	Medical Materials and Equipment Manufacturing
304	Watches and Clocks Manufacturing
310	Other Industrial Products Manufacturing
311	Education and Entertainment Articles Manufacturing
319	Other Industrial Products Manufacturing
330	Electric Power Supply
340	Gas Supply
350	Thermal Energy Supply
360	Water Supply
380	Civil Engineering Construction
390	Buildings Construction
400	Mechanics, Telecommunications, Electricity, and Pipe Lines Construction
410	Building Maintenance and Upholstery
420	Other Construction
441	Wholesale of Agricultural, Husbandry and Aquatic Products
442	Wholesale of Food Products and Groceries
443	Wholesale of Fabrics, Clothes and Apparel Accessories
444	Wholesale of Household Appliance, Equipment and Supplies
445	Wholesale of Drugs, Cosmetics and Cleaning Preparations

CODE	Standard Industrial Classification System of the Republic of China
446	Wholesale of Educational and Entertainment Articles
447	Wholesale of Watches, Clocks and Spectacles
448	Wholesale of Jewellery and Precious Metals
451	Wholesale of Building Materials
452	Chemical Materials and Products
453	Wholesale of Fuel Products
454	Wholesale of Machinery and Equipment
455	Wholesale of Drugs, Cosmetics and Cleaning Preparations
456	Wholesale of General Merchandise
457	Merchandise Brokers
459	Other Wholesale Trade
461	Retail sale of Agricultural, Husbandry and Aquatic Products
462	Retail sale of Food Products and Groceries
463	Retail of Fabrics, Clothes and Apparel Accessories
464	Retail Sale of Household Appliance, Equipment and Supplies
465	Retail Sale of Drugs, Cosmetics and Cleaning Preparations
466	Retail Sale of Educational and Entertainment Articles
467	Retail Sale of Watches, Clocks and Spectacles
468	Retail Sale of Jewellery and Precious Spectacles Metals
471	Retail Sale of Building Materials
472	Retail Sale of Fuel Products
473	Retail Sale of Machinery and Equipment
474	Retail Sale of Vehicles and Parts and Supplies
475	Retail Sale of General Merchandise
479	Other Retail Trade
481	Nonstore Retailers
500	Accommodation Service
501	Hotel, Rooming Houses, Camps and Other Lodging Places
509	Other Recreational Lodging Places
510	Eating and Drinking Places
511	Restaurants
512	Coffee/Tea Shops and Bars
519	Other Eating and Drinking Places
530	Land Transportation
531	Railway Transportation
532	Public Rapid Transit
533	Bus Transportation

CODE	Standard Industrial Classification System of the Republic of China
534	Truck Freight Transportation
539	Other Land Transportation
540	Water Transportation
541	Ocean Water Transportation
542	Inland and Lake Transportation
550	Air Transportation
551	Civil Air Transportation
552	General Aviation
560	Storage and Distribution
570	Supporting Services to Transportation
571	Travel Agency
572	Customs Clearance Services
573	Shipping Agency Services
574	Freight Transportation Forwarding Services
575	Supporting Services to Land Transportation
576	Supporting Services to Water Transportation
577	Supporting Services to Air Transportation
579	Other Supporting Services to Transportation
580	Warehousing and Storage
590	Postal and Courier Services
591	Postal Services
592	Courier Services
600	Telecommunications
620	Financing and Auxiliary Financing
621	Banks
622	Credit Cooperatives
623	Credit Departments of Farmers and Fishermen Associations
624	Trust and Investment
625	Postal Saving and Remittance Services
629	Other Financing and Auxiliary Financing
630	Securities and Futures
631	Securities
632	Futures
640	Insurance Carriers
641	Personal Insurance
642	Property and Liability Insurance
643	Social Security Insurance

CODE	Standard Industrial Classification System of the Republic of China
644	Auxiliary Insurance Services
645	Reinsurance Carriers
649	Other Insurance Carriers
660	Real Estate
661	Real Estate Operation
669	Other Real Estate
670	Rental and Leasing
671	Machinery and Equipment Rental and Leasing
672	Transport Equipment Rental and Leasing
673	Articles Rental and Leasing
690	Legal and Accounting Services
691	Legal Services
692	Accounting Services
700	Architectural And Engineering Technical Services
710	Specialized Design Services
720	Computer Systems Design Services
730	Data Processing and Information Supply Services
731	Data Processing Services
732	Information Supply Services
740	Consultation Services
750	Research and Development Services
751	Research and Development on Natural Sciences
752	Research and Development on Social Sciences and Humanities
753	Miscellaneous Research and Development Services
760	Advertising Services
770	Other Professional, Scientific and Technical Services
790	Educational Services
791	Preschool Education
792	Primary Schools
793	High Schools
794	Vocational Schools
795	Universities and Colleges
796	Special Education
799	Other Educational Services
810	Health Care Services
811	Hospitals
812	Clinics

CODE	Standard Industrial Classification System of the Republic of China
819	Other Health Care Services
820	Social Welfare Services
840	Publishing Industries
841	Newspaper Publishers
842	Magazine (Periodical) Publishers
843	Book Publishers
849	Other Publishers
850	Motion Picture Industries
851	Motion Picture Production
852	Motion Picture Distribution
853	Motion Picture Projection
854	Motion Picture Support Services
860	Radio and Television Broadcasting
861	Radio Broadcasting
862	Television Broadcasting
863	Radio and Television Program Supply
870	Arts and Sporting Services
871	Performing Arts Companies
872	Creative Literature and arts
873	Arts Support Services
874	Sporting Services
875	Agents and Managers for Entertainers, Models, and Other Public Figures
880	Libraries and Archives
890	Museums, Historical Sites, and Similar Institutions
900	Recreational Services
920	Support Services
930	Sanitary and Pollution Controlling Services
940	Religious, Trade and Similar Organizations
941	Religious Organizations
942	Trade Associations
949	Other Organization
950	Repair and Maintenance Services
951	Automotive Repair and Maintenance and Automotive Beauty Shops
959	Other Repair Shops
960	Other Services Not Elsewhere Classified
961	Laundry Services
962	Barber and Beauty Shops

CODE	Standard Industrial Classification System of the Republic of China
963	Funeral Services
964	Parking Lots
965	Domestic Services
969	Other Personal Services
980	Public Agency and National Defense
981	Public Agencies
982	National Defense
990	Extra-territorial Organizations and Bodies
995	not fixed
997	Do not know
998	Refused
999	NA

Appendix 2: ISCO88 Occupational Codes

code	Occupation
1100	Legislators & senior officials
1110	Legislators
1111	[Taiwan code] Members of the Legislative Yuan
1112	[Taiwan code] special municipal councils member (Taipei & Kaohsiung)
1113	[Taiwan code] county or city councils member
1114	[Taiwan code] township councils member
1120	senior [national] government officials (incl. Ministers, Ambassadors)
1121	[Taiwan code] Senior officials of the central government
1122	[Taiwan code] Senior officials of the special municipalities (Taipei and Kaohsiung city)
1123	[Taiwan code] Dean of the public university/college
1124	[Taiwan code] Senior high school principal (public)
1130	[Senior local government officials] (incl. Local government senior officials, Mayor)
1131	[Taiwan code] Senior officials of the counties and provincial municipalities
1132	[Taiwan code] Senior officials of the townships and county municipalities
1133	[Taiwan code] Junior high school principal (public)
1134	[Taiwan code] Elementary school principal (public)
1140	Senior officials special-interest organizations
1141	Senior officials policy-party organizations [incl. Politician]
1142	Senior officials economic-interest organizations [incl. Union Leader, Director Employers' Organization]
1143	Senior officials special-interest organizations [incl. Lodge Official, Official Red Cross]
1200	Corporate Managers [large enterprises]
1210	[Large enterprises] directors & chief executives (incl. CEO, Large Business Owner 25+ employees)
1211	[Taiwan code] Dean of the private university/college
1212	[Taiwan code] Senior high school principal (private)
1213	[Taiwan code] Junior high school principal (private)
1214	[Taiwan code] Elementary school principal (private)
1220	[Large enterprise operation] department managers (incl. Managers in establishment with 25+ employees)
1221	Production department managers agriculture and fishing
1222	Production department managers manufacturing (incl. Factory Managers nfs)
1223	Production department managers construction
1224	Production department managers wholesale & retail trade [incl. Floor Manager]
1225	Production department manager restaurants & hotels
1226	Production department managers transportation, storage & communication [incl. Postmaster, Stationmaster]
1227	Production department managers business services [incl. Banker, Bank manager]
1228	Production department managers personal care, cleaning, etc.
1229	Production department managers nec
1230	[Larger enterprises] other department managers

code	Occupation
1231	Finance and administartion department managers [incl. Company secretary]
1232	Personal and industrial relations department managers
1233	Sales and marketing department managers
1234	Advertising & public relations department managers
1235	Supply and distribution department managers
1236	Computing services department managers
1237	Research and development department managers
1239	Other department managers nec
1240	Office managers [incl. Clerical supervisors]
1250	Military officers
1251	Higher military officers [captain and above]
1252	Lower-grade commissioned officers
1300	[Small enterprise] general managers
1310	[Small enterprise] general managers (incl. Businessman, Trader, Manager nfs)
1311	[Small enterprise] General managers agriculture, forestry & fishing (incl. Farm manager, Self-employed farmer with personnel)
1312	[Small enterprise] general managers manufacturing
1313	[Small enterprise] general managers construction (incl. Building contractor)
1314	[Small enterprise] General managers wholesale and retail trade (incl. Shop owner/manager, retail owner/manager, merchant)
1315	[Small enterprise] General managers restaurants and hotels (incl. Manager camping site, bar owner/manager, restaurateur)
1316	[Small enterprise]general managers transp., storage & communications (incl. Owner small transport company)
1317	[Small enterprise] general managers business services (incl. Manager insurance agency)
1318	[Small enterprise] general general managers personal care, cleaning, etc. services (incl. Owner laundry)
1319	[Small enterprise] general managers nec (incl. Manager travel agency, manager fitness center, garage owner)
2000	Professionals
2100	Physical, Mathematical & engineering science professionals
2110	Physicists, chemists & related professions
2111	Physicists and astronomers
2112	Meteorologists
2113	Chemists
2114	Geologists & Geophysicists [incl. Geodesist]
2120	Mathematicians, statisticians, etc. professionals
2121	Mathematicians etc. professionals
2122	Statisticians (incl. Actuary)
2130	Computer professionals
2131	Computer systems designers & analysts (incl. Software engineer)
2132	Commputer programmers
2139	Computing professionals nec
2140	Architects, engineers, etc professionals

code	Occupation
2141	Architects town & traffic planning [incl. Landscape architect]
2142	Civil engineers (incl. Construction engineer)
2143	Electrical engineers
2144	Electronics and telecommunication engineers
2145	Mechanical engineers
2146	Chemical engineers
2147	Mining engineers, metallurgists, etc. professionals
2148	Cartographers & surveyors
2149	Architects, engineers, etc. professionals (incl. Consultant)
2200	Life science & health professionals
2210	Life science professionals
2211	Biologist, botanists, zoologists, etc. professions
2212	Pharmacologists, pathologists, etc. professionals
2213	Argonomists, etc. professionals
2220	Health professionals (except nursing)
2221	Medical doctors
2222	Dentists
2223	Veterinarians
2224	Pharmacists
2229	Health professionals except nursing nec
2230	Nursing & Midwifery Professionals
2300	Teaching professionals
2310	Higher education teaching professionals (incl. University Professors)
2320	Secondary education teaching professionals
2321	(Secondary teachers, academic track) (incl. Middle-school teachers)
2322	(Secondary teachers, vocational track) (incl. Vocational instructor)
2330	Primary & pre-primary education teaching professionals
2331	Primary education teaching professionals
2332	Pre-primary education teaching professions (incl. Kindergarten Teacher)
2340	Special education teaching professionals (incl. Remedial teacher, teacher of the blind)
2350	Other teaching professionals
2351	Education method specialists (incl. Curricula developer)
2352	School inspectors
2359	Other teaching professionals
2400	Other professionals (incl. Professionals nfs, administartive professional)
2410	Business professionals
2411	Accountans
2412	Personnel & career professionels
2419	Business professionlas (Home economists, Market researchers, Patent agent)
2420	Legal professionals
2421	Lawyers
2422	Judges
2429	Legal professionals nec (incl notary, notary public)
2430	Archivists, librarians, etc. information professionals

code	Occupation
2431	Archivists and curators
2432	Librarians, etc. information professions (documentalists, health records technicians)
2440	Social science, etc. professionals
2441	Economists
2442	Sociologists, anthropologists etc. professionals
2443	Philosophers, historians & and political scientists
2444	Philologists, translators & interpreters
2445	Psychologists
2446	Social work professionals (incl. Welfare worker)
2450	Writers & creative or performing artists
2451	Authors, journalists and other writers (inc. Editors, technical writers)
2452	Sculptors, painters artists
2453	Composers musicians & singers
2454	Choreographers & dancers
2455	Film, stage, etc. actors & directors
2460	Religious professionals (incl. Priest, Chaplain, Theologian, Professional Nun)
3000	Technicians and associated professionals
3100	Physicians & engineering science associate professionals
3110	Physical & engineering science technicians
3111	Chemical & physical science technicians
3112	Civil engineering Technicians
3113	Electrical engineering Technicians
3114	Electronics & telecommunication engineering Technicians
3115	Mechanical engineering technicians
3116	Chemical engineering technicians
3117	Mining & metalurgical technicians
3118	Draftspersons (incl. Technical illustrator)
3119	Physical and engineering science technicians nec (incl. Quantity surveyor)
3120	Computer associate professionals
3121	Computer assistants (incl. Assistant Users' Services)
3122	Computer equipment operators (incl. Computer printer equipment operator
3123	Industrial robot controllers
3130	Optical and electronic equipment operators
3131	Photographer & electronic equipment operators (incl. Cameraman and sound mixer)
3132	Broadcasting & telecommunications equipment operators
3133	Medical equipment operators (incl. X-Ray technicians)
3139	Optical and electronic equipment operators nec
3140	Ship and Aircraft controllers & technicians
3141	Ships engineers
3142	Ships deck officers & pilots (incl. River boat captain)
3143	Aircraft pilots, etc. associate professionals
3144	Air traffic controllers
3145	Air traffic safety technicians
3150	Safety and quality inspectors

code	Occupation
3151	Building & fire inspectors
3152	Safety, health and quality inspectors
3200	Life science & health associate professionals
3210	Life science technicians, etc. associate professionals
3211	Life science technicians (incl. Medical laboratory assistant, medical technicians nfs, Physical and life science technicians)
3212	Agronomy and forestry technicians
3213	Farming and forestry advisers
3220	Modern health associate professionals except nursing
3221	Medical assistant
3222	Sanitarians
3223	Dieticians & nutricionists
3224	Optometrists & optocians (incl. Dispensing optician)
3225	Dental assistant (incl oral hygienists)
3226	Pysiotherapsists and associate professionals (incl. Chiropractors, Masseur, Osteopath)
3227	Veterinary assistents (incl veterinarian vaccinator)
3228	Pharmaceutical assistents
3229	Modern health associate professionals except nursing nec (oincl. Homeopath, Speech therapists, occupational therapist)
3230	Nursing and midwifery associate professionals
3231	Nursing associate professionals (incl. Trainee nurses)
3232	Midwifery associate professionals (incl. Trainee midwife)
3240	Traditional medicine practitioners & and faith healers
3241	Traditional medicine practitioners
3242	Faith healers
3300	Technial associate professionals
3310	Primary education teaching associate professionals
3320	Pre-primary education teaching associate professionals (incl Kindergarten's aid)
3330	Special education teaching associate professionals
3340	Other teaching associate professionals
3341	[Taiwan code] Cram school tutor (high school)
3342	[Taiwan code] Cram school tutor (for TOFEL, GRE, Civil Service Examinations, and various professional certificates, etc.)
3343	[Taiwan code] Cram school tutor (for art, music, foreign language, etc.)
3400	Other associate professionals
3410	Finance & sales associate professionals
3411	Securities & finance dealers & brokers
3412	Insurance representative (incl. Insurance agent, underwriter)
3413	[Real] estate agents (incl. Real estate broker)
3414	Travel consultants & organizers
3415	Technical & commercial sales representatives (incl. Travel salesman, technical salesman)
3416	Buyers
3417	Appraisers, valuers & auctioneers (incl. Claims Adjusters)

code	Occupation
3418	Bank employee (Japanese code)
3419	Finance & sales associate professionals nec
3420	Business services agents & trade brokers
3421	Trade brokers
3422	Clearing & forwarding agents
3423	Employment agents & labour contractors
3429	Business services agents & trade brokers nec (incl. Literary agents, sports promoter, salesman advertisements)
3430	Administrative associate professionals
3431	Administrative secretaries, etc. associate professionals
3432	Legal, etc. business associate professionals (incl. Bailiff, law clerk)
3433	Bookkeeper
3434	Statistical, mathematical, etc. associate professionals
3439	Administrative associate professionals nec (incl. Management assistant)
3440	Customs, Tax, etc. government associate professionals
3441	Customs & border inspectors
3442	Government tax and excise officials
3443	Government social benefits officials
3444	Government licensing officials
3449	Custom+F115s tax, etc. government associate professionals nec (incl. Price inspector, electoral official, middle-rank civil servant)
3450	Police inspectors & Detectives
3451	Police inspectors and detectives (incl. Police investigators, private detectives)
3452	[Taiwanese code] Second-lieutenant/Sergeant (police)
3453	[Taiwanese code] Second-lieutenant/Sergeant (arm forces)
3460	Social work associate professionals
3470	Artistic entertainment & sports associate professionals
3471	Decorators & commercial designers
3472	Radio, television & other announcers
3473	Street nightclub, etc. musicians, singers & dancers (incl. Band leaders, acrobats, etc. associate professionals)
3474	Clowns, magicians, acrobats, etc. associate professionals (incl. Striptease artist, juggler)
3475	Athletes, sports persons, etc. associate professionals (incl trainer, umpire)
3480	Religious associate professionals (incl. Evangelist, lay preacher, salvationist)
4000	Clerks
4100	Office clerks
4110	Secretaries & keyboard-operating clerks
4111	Stenographers and Typists
4112	Word processors, etc. operators
4113	Data-entry operators
4114	Calculating-machine operators (incl. Bookkeeping machine operators)
4115	Secretaries
4120	Numerical clerks
4121	Accounting & bookkeeping clerks (incl. Payroll clerk)

code	Occupation
4122	Statistical & finance clerks (incl. Credit clerk)
4130	Material-recording & transport clerk
4131	Stock clerks (incl. Weighting clerk, storehouse clerk)
4132	Production clerks (incl. Planing clerk)
4133	Transport clerk (incl. Dispatcher, expeditor)
4140	Library, mail, etc. clerks
4141	Libary & filing clerks
4142	Mail carriers & sorting clerks
4143	Coding proofreading, etc. clerks
4144	Scribes, etc. workers
4190	Other office clerks (incl. Address clerk, timekeeper, office boy, photocopy machine operator)
4200	Customer service clerks
4210	Cashiers, tellers, etc. clerks
4211	Cashiers & ticket clerks (incl. Bank cashiers, store cashiers, toll collectors)
4212	Tellers & other counter clerks (incl. Bank tellers, post office clerks)
4213	Bookmakers and croupiers
4214	Pawnbrokers & money-lenders
4215	Dept-collectots, etc. workers
4220	Client information clerk
4221	Travel agency, etc. clerks
4222	Receptionsits and information clerks (incl. Medical receptionist)
4223	Telephone switchboard operators (telephone operator)
5000	Service workers & shop & market sales workers
5100	Travel attendance, etc.
5110	Travel attendants etc.
5111	Travel attendant and travel stewards (incl. Airplane steward and airplane purser)
5112	Transport conductors (incl. Train conductor)
5113	Travel, museum guides
5120	Housekeeping & restaurant service workers
5121	Housekeeper, etc. worker (incl. Butler, Matron, Dormitory Warden, Estate Manager, Property manager, superintendent, apartment manager)
5122	Cooks
5123	Waiters & Waitresses & Bartenders
5130	Personal care, etc. work
5131	Child care workers incl. Nursemaid, governess)
5132	Institution-based personal care workers (incl. Ambulance man, hospital orderly)
5133	Home-based personal care workers (incl attendant)
5139	Other care, etc. workers nec (incl. Animal feeder)
5140	Other personal service workers
5141	Hairdressers, barbers, beauticians, etc. workers
5142	Companions & valets (incl. Personal maid)
5143	Undertakers & embalmers
5149	Other personal services workers nec

code	Occupation
5150	Astrologers, fortune-tellers, etc. workers
5151	Astrologers, etc. workers
5152	Fortune-tellers, palmists etc. workers
5160	Protective services workers nec
5161	Firefighters
5162	Police officers (incl. Policeman, constable, marshal)
5163	Prison guards
5164	[armed forces, soldiers] (incl. Enlisted man)
5169	Protective services workers nec (incl. Night guard, bodyguard, coast guard)
5200	[salespersons, models, demonstrators]
5210	Fashion and otehr Models (incl. Manequin, artist's model)
5220	Shop salespersons & Demonstrators (incl. Shop assistant, gas station attendant, retail assistant)
5230	Stall and other Market salespersons
6000	Skilled agricultural & fishery workers
6100	Market-oriented skilled agricultural & fishery workers
6110	Market gardeners & crop growers
6111	Field crops & vegetables growers (incl. Specialized crop farmers, specialized crop farm workers)
6112	Tree and shrub crob growers (incl. Skilled rubber workers, coffee farmers, tea grower, fruit tree pruner)
6113	Gardeners, horticultural & nursery growers (incl. Bulb grower, market gardener)
6114	Mixed-crop growers (incl. Share cropper)
6120	Market-oriented animal producers, etc. workers
6121	Dairy and livestock producers
6122	Poultry producers (incl. Chicken farmer, skilled hatchery worker)
6123	Apiarists &sericulturists (incl. Beekeeper, silkworm raiser)
6124	Mixed-animal producers
6129	Market-oriented animal producers, etc. workers nec (incl. Bird breeder, gamekeeper, kennel keeper, dog trainer, animal caretaker)
6130	Market oriented crop & animal productors
6131	Mixed farmer
6132	Farm foremen/supervisor
6133	Farmers nfs
6134	Skilled farm workers nfs
6140	Forestry etc. workers
6141	Forestry workers & loggers (incl. Forestry, rafter, timber, cruiser)
6142	Charcoal burners, etc. workers
6150	Fishery workers, hunters and trappers
6151	Aquatic-life cultivation workers (incl. Oyster farmer, pearl cultivator, fish hatcher)
6152	Inland & coastal waters fishery workers(incl. Sponger diver, fisherman)
6153	Deep-sea fishery workers (incl. Fisherman nfs, trawler crewman)
6154	Hunters & trappers (incl. Whaler)
6200	Subsistence agriculture & fishery workers

code	Occupation
6210	Subsistence agriculture & fishery workers
7000	Craft, etc. trade workers
7100	Extraction and building trades workers
7110	Miners, shotfirers, stone cutters & carvers
7111	Miners & Quarry workers (incl. Miner nfs)
7112	Shotfierers and blasters
7113	Stone splitters, cutters & carvers (incl. tombstone carver)
7120	Building frame, etc. trades workers
7121	Builders traditional materials
7122	Bricklayers & stonemasons (incl. Pavior)
7123	Concrete placers, concrete finishers, etc. workers (incl. Terrazzo workers)
7124	Carpenters & joiners
7129	Building frame, etc. trade workers (incl. Construction workers nfs, billboard erector, demolition worker, scaffolder)
7130	Building finishers, etc. traders workers
7131	Roofers
7132	Floor layers & tile setters (incl. Parquetry worker)
7133	Plasterers (incl. Stucco mason)
7134	Insulation workers
7135	Glaziers
7136	Plumbers & pipe fitters (incl. Well digger)
7137	Building, etc. electricians
7139	Building finisher n.e.c.
7140	Painters, building structure cleaners, etc. trades workers
7141	Painters, etc. workers (incl. Construction painter, paperhanger)
7142	Varnishers, etc. painters (incl. Automobile painter)
7143	Building structure cleaners (incl. Chimney sweep, sandblaster, boiler engine cleaner)
7200	Metal machinery, etc. trades workers
7210	Metal molders, welders, sheetmetal workers
7211	Metal molders & coremakers
7212	Welders & flamecutters (incl. Brazier, solderer)
7213	Sheet-metal workers (incl. Panel beater, coppersmith, tinsmith)
7214	Structural-metal preparers & erecters (incl. Ship plater, riveter, shipwright)
7215	Riggers & cable splicers
7216	Underwater workers (incl. Frogman)
7220	Blacksmith, tool-makers, etc. trades workers
7221	Blacksmith, hammer-smith & forging press workers
7222	Tool-makers, etc. workers (incl. Locksmith)
7223	Machine-tool setters & setter-operators (incl. Metal driller, turner)
7224	Metal wheel-grinders, polishers & tool sharpeners
7230	Machinery mechanics & fitters
7231	Motor vehicle mechanics & fitters (incl. Bicycle repairman)
7232	Aircraft engine mechanics & fitters

code	Occupation
7233	[Industrial & agricultural] machinery mechanics & fitters (incl. Machine heavy equipment, millwright)
7234	[Unskilled garage worker] (incl. Oiler-greaser)
7240	Electrical and electronic equipment mechanics and fitters
7241	Elektrikal mechanics & fitters (incl. Office machine repairman)
7242	Electronics fitters
7243	Electronic mechanics & services
7244	Telegraph & Telephone installers & services
7245	Electrical line installers, repairers & cable jointers
7300	Precision, handcraft, printing, etc. trades workers
7310	Precision workers in metal, etc. materials
7311	Precision-instrument makers & repairers (incl. Dental mechanic, watch makers)
7312	Musical-instrument makers & tuners
7313	Jewelery & precious-metal workers (incl. Diamons cuter, goldsmith)
7320	Potters, glass-makers, etc. trades workers
7321	Abrasive wheel formers, potters, etc. workers
7322	Glass-makers, cutters, grinders & finishers
7323	Glass engravers & etchers
7324	Glass, ceramics, etc decorative painters (incl. Decorative painter, signpainter)
7330	Handicraft workers in wood textile, leather, etc.
7331	Handicraft workers in wood etc. materials (incl. Candle makers, straw-hat maker)
7332	Handicraft workers in textile, leather, etc. materials (incl. Carpet weaver)
7340	Printing, etc. trades workers
7341	Compositors, typesetters, etc. workers (incl. Phototypesetters, linotypists)
7342	Stereotypers & electrotypers
7343	Printing engravers & etchers
7344	Photographic, etc. workers (incl. Darkroom workers)
7345	Bookbinders, etc. workers
7346	Silkscreen, block & textil printers
7400	Other craft, etc. trades workers
7410	Food processing, etc. trades workers
7411	Butcher, fishmongers, etc. food preparers
7412	Backers, pastry-cooks & confectionary makers
7413	Dairy-products makers
7414	Fruit, vegetable, etc. preservers
7415	Food and beverage tasters & graders
7416	Tobacco preparers & tobacco products makers
7420	Wood treaters, cabinet-makers, etc. trades workers
7421	Wood treaters (incl. Wood grader, wood impregnator)
7422	Cabinet-makers, etc. workers (incl. Cartwright, cooper)
7423	Woodworking-machine setters & setter-operators (incl. Wood-turner)
7424	Basketry weavers, brush makers, etc. workers (incl. Wood-turner)
7430	Textil, garment, etc. trades workers

code	Occupation
7431	Fiber preparers
7432	Weavers, knitters, etc. workers
7433	Tailors, dressmakers & hatters (incl. milliner)
7434	Furriers, etc. workers
7435	Textil, leather, etc. pattern-makers & cutters
7436	Sewers, embroiderers, etc. workers
7437	Upholsterers, et. Workers
7440	Pelt, leather & shoemaking trades workers
7441	Pelt dressers, tanners & fellmongers
7442	Shoemakers, etc. workers
7500	[Skilled workers nfs]
7510	[Manual foremen nfs - non farm]
7520	[Skilled workers nfs] (incl. Craftsman, artisan, tradesman]
7530	[Apprentice skilled work nfs]
8000	Plant & machine operators & Assemblers
8100	Stationary-plant, etc. operators
8110	Mining- and mineral-processing plant operators
8111	Mining-plant operators
8112	Mineral-ore- & stone-processing plant operators
8113	Well-drillers & borerers, etc. workers
8120	Metal-processing plant operators
8121	Ore & metal furnace operators
8122	Metal melters, casters & rolling-mill operators
8123	Metal heat-treating plant operators
8124	Metal drawers & extruders
8130	Glass, ceramics, etc. plant operators
8131	Glass & ceramics kiln, etc. machine operators
8139	Glass, ceramics, etc. plant operators
8140	Wood processing & papermaking plant operators
8141	Wood-processing plant operators (incl. Sawyer)
8142	Paper-pulp plant operators
8143	Papermaker plant operators
8150	Chemical-processing plant operators
8151	Crushing grinding & chemical-mixing machinery operators
8152	Chemical heat-treating plant operators
8153	Chemical-filtering & seperating-equipment operators
8154	Chemical-still & reactor operators
8155	Petroleum & natural-gas refining plant operators
8159	Chemical-processing plant operators nec
8160	Power-production plant-operators
8161	Power-production plant-operators
8162	Steam-engine & boiler operators (incl. Stoker, ship engine room ratings)
8163	Incinerator water-treatment, etc. plant operators (incl. Sewage plant operator)
8170	Automated assembly-line & industrial-robot operators

code	Occupation
8171	Automated assembly-line operators
8172	Industrial-robot operators
8200	Machine operators & assemblers
8210	Metal- & mineral-products machine operators
8211	Machine-tool operators (incl. Machine operators nfs)
8212	Cement & other mineral products machine operators
8220	Chemical products machine operators
8221	Pharmaceutical & toiletry products machine operators
8222	Ammunition & explosive-products machine operators
8223	Metal-finishing, -plating, & -coating machine operators (incl. Electroplater, fettler)
8224	Photographic-products machine operators
8229	Chemical-products machine operators
8230	Rubber- & plastic-products machine operators
8231	Rubber products machine operators
8232	Plastic-products machine operators
8240	Wood product machine operators
8250	Printing, Binding & paper-products machine operators
8251	Printing-machine operators
8252	Bookbinding-machine operators
8253	Paper-products machine operators
8260	Textile, fur & leather-products machine operators
8261	Fiber-preparing, spinning & winding machine operators
8262	Weaving- & knittling-machine operators
8263	Sewing-machine operators
8264	Bleaching-, dyeing- & cleaning-machine operators (incl. Launderer)
8265	Fur- & leather-preparing-machine operators
8266	Shoemaking, etc. machine operators
8269	Textil, fur & leather-products machine operators
8270	Food, etc. products machine operators
8271	Meat- & fish-preparing machine operators
8272	Dairy-products machine operators
8273	Grain- & spice-milling machine operators
8274	Baked-goods cereal & chocolate products machine operators
8275	Fruit-, vegetables- & nut-processing machine operators
8276	Sugar-production machine operators
8277	Tea-, coffee- and cocoa-processing machine operators
8278	Brewers-, wine & other beverage machine operators
8279	Tobacco-production machine operators
8280	Assemblers
8281	Mechanical-machinery assemblers (incl. Car assembly-line workers)
8282	Electrical equipment assemblers
8283	Electronic-equipment assemblers
8284	Metal, rubber & plastic products assemblers
8285	Wood, etc. products assemblers

code	Occupation
8286	Paperboard, textile, etc. producers assemblers
8290	Other Machine operators & assemblers
8300	Divers & mobile-plant operators
8310	Locomotive-engine drivers, etc. workers
8311	Locomotive-engine driver
8312	Railway brakemen signalers & shunters
8320	Motor-vehicle drivers (incl. Drivers nfs)
8321	Motorcycle driver
8322	Car, taxi & van drivers (incl. Taxi owner nfs)
8323	Bus and tram drivers
8324	Heavy truck and lorry drivers
8330	Agricultural & other mobile plant operators
8331	Motorized farm & forestry plant operators (incl. Tractor drivers, combine harvester operators)
8332	Earth-moving, etc. plant operators (incl. Bulldozer driver, dredge operator, road-roller drivers)
8333	Crane, hoist, etc. plant operators
8334	Lifting-truck operators
8340	Ships deck crews, etc. workers
8400	Semiskilled process worker nfs, factory worker nfs (inc. Production processes worker nfs, factory worker nfs)
8410	Semiskilled process worker nfs, factory worker nfs (inc. Production processes worker nfs, factory worker nfs)
9000	Elementary occupations
9100	Sales & services elementary occupations
9110	Street vendors, etc. workers
9111	Street food vendors
9112	Street vendors nonfood products (incl. Hawker, peddler, newsvendor, rag picker, scavenger)
9113	Door-to-Door & telephone salespersons (incl. Solicitor, canvasser)
9114	Salesperson Via Telecommunication
9120	Street services elementary occupations (incl. Billposter, shoeshiner, car window washer)
9130	Domestic, etc. helpers, cleaners & launderers
9131	Domestic helpers and cleaners (incl. Housemaid, housekeeper)
9132	Helpers and cleaners in establishments (kitchen hand, chambermaid)
9133	Hand-launderers & pressers
9140	Building caretakers, window, etc. cleaners
9141	Building caretaker (incl. Janitor, Sexton, Verger)
9142	Vehicle, window, etc. cleaners
9150	Messengers, Porters, Doorkeepers, etc. workers
9151	Messengers, package & luggage porters & deliveries (incl. Elevator attendant, bellboy, messenger)
9152	Doorkeepers, watchpersons, etc. workers (incl. Amusement park attendant, ticket collector, usher, watchman nfs, park attendant)

code	Occupation
9153	Vending-machine money collectors, meter readers, etc. workers
9160	Garbage collectors, etc. laborers
9161	Garbage collectors (incl. Dustman)
9162	Sweepers, etc. laborers (incl. Odd job-workers)
9200	Agricultural, fishery, etc. laborers
9210	Agricultural, fishery, etc. laborers
9211	Farm-hands & laborers (incl. Cow herd, farm helpers, fruit pickers)
9212	Forestry laborers
9213	Fishery, hunting & trapping laborers
9300	Laborers in Mining, construction, manufacturing & transport (incl. Unskilled workers)
9310	Mining & construction laborers
9311	Mining & quarry laborers
9312	Construction and maintenance laborers, roads, dams, etc. (incl. Navy, shoveller, railway trackworker)
9313	Building construction laborers (incl. Handyman, hod carrier)
9320	Manufacturing laborers
9321	Assembling laborers (incl. Sorter, bottle sorter, winder, checker nfs, grader nfs)
9322	Handpackers & other manufacturing laborers (incl. Crater, labeler)
9330	Transport laborers & freight handlers
9331	Hand or pedal vehicle drivers (incl. Rickshaw Driver)
9332	Drivers of animal-drawn vehicles & machinery
9333	Freight handlers (incl. Docker, Loader, Longshoreman, Remover, Stevedore)
9995	The occupation is not fixed
9997	Do not know
9998	Refused
9999	NA

Appendix 3 : ZIP Codes in Taiwan

Code	Chinese	English
100	台北市中正區	Jhongjheng District, Taipei City
103	台北市大同區	Datong District, Taipei City
104	台北市中山區	Jhongshan District, Taipei City
105	台北市松山區	Songshan District, Taipei City
106	台北市大安區	Da-an District, Taipei City
108	台北市萬華區	Wanhua District, Taipei City
110	台北市信義區	Sinyi District, Taipei City
111	台北市士林區	Shihlin District, Taipei City
112	台北市北投區	Beitou District, Taipei City
114	台北市內湖區	Neihu District, Taipei City
115	台北市南港區	Nangang District, Taipei City
116	台北市文山區	Wunshan District, Taipei City
117	台北市	Taipei City
199	台北縣市	Taipei City and Taipei County
200	基隆市仁愛區	Ren-ai District, Keelung City
201	基隆市信義區	Sinyi District, Keelung City
202	基隆市中正區	Jhongjheng District, Keelung City
203	基隆市中山區	Jhongshan District, Keelung City
204	基隆市安樂區	Anle District, Keelung City
205	基隆市暖暖區	Nuannuan District, Keelung City
206	基隆市七堵區	Cidu District, Keelung City
207	台北縣萬里鄉	Wanli Township, Taipei County
208	台北縣金山鄉	Jinshan Township, Taipei County
209	連江縣南竿鄉	Nangan Township, Lienchiang County
210	連江縣北竿鄉	Beigan Township, Lienchiang County
211	連江縣莒光鄉	Jyuguang Township, Lienchiang County
212	連江縣東引鄉	Dongyin Township, Lienchiang County
213	連江縣	Lienchiang County
214	基隆市	Keelung City
220	台北縣板橋市	Banciao City, Taipei County
221	台北縣汐止市	Sijhih City, Taipei County
222	台北縣深坑鄉	Shenkeng Township, Taipei County
223	台北縣石碇鄉	Shihding Township, Taipei County
224	台北縣瑞芳鎮	Rueifang Township, Taipei County
226	台北縣平溪鄉	Pingsi Township, Taipei County

Code	Chinese	English
227	台北縣雙溪鄉	Shuangsi Township, Taipei County
228	台北縣貢寮鄉	Gongliao Township, Taipei County
231	台北縣新店市	Sindian City, Taipei County
232	台北縣坪林鄉	Pinglin Township, Taipei County
233	台北縣烏來鄉	Wulai Township, Taipei County
234	台北縣永和市	Yonghe City, Taipei County
235	台北縣中和市	Jhonghe City, Taipei County
236	台北縣土城市	Tucheng City, Taipei County
237	台北縣三峽鎮	Sansia Township, Taipei County
238	台北縣樹林市	Shulin City, Taipei County
239	台北縣鶯歌鎮	Yingge Township, Taipei County
241	台北縣三重市	Sanchong City, Taipei County
242	台北縣新莊市	Sinjhuang City, Taipei County
243	台北縣泰山鄉	Taishan Township, Taipei County
244	台北縣林口鄉	Linkou Township, Taipei County
247	台北縣蘆洲市	Lujhou City, Taipei County
248	台北縣五股鄉	Wugu Township, Taipei County
249	台北縣八里鄉	Bali Township, Taipei County
251	台北縣淡水鎮	Danshuei Township, Taipei County
252	台北縣三芝鄉	Sanjhih Township, Taipei County
253	台北縣石門鄉	Shihmen Township, Taipei County
254	台北縣	Taipei County
260	宜蘭縣宜蘭市	Yilan City, Yilan County
261	宜蘭縣頭城鎮	Toucheng Township, Yilan County
262	宜蘭縣礁溪鄉	Jiaosi Township, Yilan County
263	宜蘭縣壯圍鄉	Jhuangwei Township, Yilan County
264	宜蘭縣員山鄉	Yuanshan Township, Yilan County
265	宜蘭縣羅東鎮	Luodong Township, Yilan County
266	宜蘭縣三星鄉	Sansing Township, Yilan County
267	宜蘭縣大同鄉	Datong Township, Yilan County
268	宜蘭縣五結鄉	Wujie Township, Yilan County
269	宜蘭縣冬山鄉	Dongshan Township, Yilan County
270	宜蘭縣蘇澳鎮	Su-ao Township, Yilan County
272	宜蘭縣南澳鄉	Nan-ao Township, Yilan County
273	宜蘭縣	Yilan County
290	釣魚台列嶼	Diaoyutai Archipelago
300	新竹市	Hsinchu City

Code	Chinese	English
302	新竹縣竹北市	Jhubei City, Hsinchu County
303	新竹縣湖口鄉	Hukou Township, Hsinchu County
304	新竹縣新豐鄉	Sinfong Township, Hsinchu County
305	新竹縣新埔鎮	Sinpu Township, Hsinchu County
306	新竹縣關西鎮	Guansi Township, Hsinchu County
307	新竹縣芎林鄉	Cyonglin Township, Hsinchu County
308	新竹縣寶山鄉	Baoshan Township, Hsinchu County
310	新竹縣竹東鎮	Jhudong Township, Hsinchu County
311	新竹縣五峰鄉	Wufong Township, Hsinchu County
312	新竹縣橫山鄉	Hengshan Township, Hsinchu County
313	新竹縣尖石鄉	Jianshih Township, Hsinchu County
314	新竹縣北埔鄉	Beipu Township, Hsinchu County
315	新竹縣峨眉鄉	Emei Township, Hsinchu County
316	新竹縣	Hsinchu County
320	桃園縣中壢市	Jhongli City, Taoyuan County
324	桃園縣平鎮市	Pingjhen City, Taoyuan County
325	桃園縣龍潭鄉	Longtan Township, Taoyuan County
326	桃園縣楊梅鎮	Yangmei Township, Taoyuan County
327	桃園縣新屋鄉	Sinwu Township, Taoyuan County
328	桃園縣觀音鄉	Guanyin Township, Taoyuan County
330	桃園縣桃園市	Taoyuan City, Taoyuan County
333	桃園縣龜山鄉	Gueishan Township, Taoyuan County
334	桃園縣八德市	Bade City, Taoyuan County
335	桃園縣大溪鎮	Dasi Township, Taoyuan County
336	桃園縣復興鄉	Fusing Township, Taoyuan County
337	桃園縣大園鄉	Dayuan Township, Taoyuan County
338	桃園縣蘆竹鄉	Lujhu Township, Taoyuan County
339	桃園縣	Taoyuan County
350	苗栗縣竹南鎮	Jhunan Township, Miaoli County
351	苗栗縣頭份鎮	Toufen Township, Miaoli County
352	苗栗縣三灣鄉	Sanwan Township, Miaoli County
353	苗栗縣南庄鄉	Nanjhuang Township, Miaoli County
354	苗栗縣獅潭鄉	Shihtan Township, Miaoli County
356	苗栗縣後龍鎮	Houlong Township, Miaoli County
357	苗栗縣通霄鎮	Tongsiao Township, Miaoli County
358	苗栗縣苑裡鎮	Yuanli Township, Miaoli County
360	苗栗縣苗栗市	Miaoli City, Miaoli County

Code	Chinese	English
361	苗栗縣造橋鄉	Zaociao Township, Miaoli County
362	苗栗縣頭屋鄉	Touwu Township, Miaoli County
363	苗栗縣公館鄉	Gongguan Township, Miaoli County
364	苗栗縣大湖鄉	Dahu Township, Miaoli County
365	苗栗縣泰安鄉	Tai-an Township, Miaoli County
366	苗栗縣銅鑼鄉	Tongluo Township, Miaoli County
367	苗栗縣三義鄉	Sanyi Township, Miaoli County
368	苗栗縣西湖鄉	Sihu Township, Miaoli County
369	苗栗縣卓蘭鎮	Jhuolan Township, Miaoli County
370	苗栗縣	Miaoli County
399	新竹縣市	Hsinchu City and Hsinchu County
400	台中市中區	Central District, Taichung City
401	台中市東區	East District, Taichung City
402	台中市南區	South District, Taichung City
403	台中市西區	West District, Taichung City
404	台中市北區	North District, Taichung City
406	台中市北屯區	Beitun District, Taichung City
407	台中市西屯區	Situn District, Taichung City
408	台中市南屯區	Nantun District, Taichung City
409	台中市	Taichung City
411	台中縣太平市	Taiping City, Taichung County
412	台中縣大里市	Dali City, Taichung County
413	台中縣霧峰鄉	Wufong Township, Taichung County
414	台中縣烏日鄉	Wurih Township, Taichung County
420	台中縣豐原市	Fongyuan City, Taichung County
421	台中縣后里鄉	Houli Township, Taichung County
422	台中縣石岡鄉	Shihgang Township, Taichung County
423	台中縣東勢鎮	Dongshih Township, Taichung County
424	台中縣和平鄉	Heping Township, Taichung County
426	台中縣新社鄉	Sinshe Township, Taichung County
427	台中縣潭子鄉	Tanzih Township, Taichung County
428	台中縣大雅鄉	Daya Township, Taichung County
429	台中縣神岡鄉	Shengang Township, Taichung County
432	台中縣大肚鄉	Dadu Township, Taichung County
433	台中縣沙鹿鎮	Shalu Township, Taichung County
434	台中縣龍井鄉	Longjing Township, Taichung County
435	台中縣梧棲鎮	Wuci Township, Taichung County

Code	Chinese	English
436	台中縣清水鎮	Cingshuei Township, Taichung County
437	台中縣大甲鎮	Dajia Township, Taichung County
438	台中縣外埔鄉	Waipu Township, Taichung County
439	台中縣大安鄉	Da-an Township, Taichung County
440	台中縣	Taichung County
499	台中縣市	Taichung City and Taichung County
500	彰化縣彰化市	Changhua City, Changhua County
502	彰化縣芬園鄉	Fenyuan Township, Changhua County
503	彰化縣花壇鄉	Huatan Township, Changhua County
504	彰化縣秀水鄉	Sioushuei Township, Changhua County
505	彰化縣鹿港鎮	Lugang Township, Changhua County
506	彰化縣福興鄉	Fusing Township, Changhua County
507	彰化縣線西鄉	Siansi Township, Changhua County
508	彰化縣和美鎮	Hemei Township, Changhua County
509	彰化縣伸港鄉	Shengang Township, Changhua County
510	彰化縣員林鎮	Yuanlin Township, Changhua County
511	彰化縣社頭鄉	Shetou Township, Changhua County
512	彰化縣永靖鄉	Yongjing Township, Changhua County
513	彰化縣埔心鄉	Pusin Township, Changhua County
514	彰化縣溪湖鎮	Sihu Township, Changhua County
515	彰化縣大村鄉	Dacun Township, Changhua County
516	彰化縣埔鹽鄉	Puyan Township, Changhua County
520	彰化縣田中鎮	Tianjhong Township, Changhua County
521	彰化縣北斗鎮	Beidou Township, Changhua County
522	彰化縣田尾鄉	Tianwei Township, Changhua County
523	彰化縣埤頭鄉	Pitou Township, Changhua County
524	彰化縣溪州鄉	Sijhou Township, Changhua County
525	彰化縣竹塘鄉	Jhutang Township, Changhua County
526	彰化縣二林鎮	Erlin Township, Changhua County
527	彰化縣大城鄉	Dacheng Township, Changhua County
528	彰化縣芳苑鄉	Fangyuan Township, Changhua County
530	彰化縣二水鄉	Ershuei Township, Changhua County
531	彰化縣	Changhua County
540	南投縣南投市	Nantou City, Nantou County
541	南投縣中寮鄉	Jhongliao Township, Nantou County
542	南投縣草屯鎮	Caotun Township, Nantou County
544	南投縣國姓鄉	Guosing Township, Nantou County

Code	Chinese	English
545	南投縣埔里鎮	Puli Township, Nantou County
546	南投縣仁愛鄉	Ren-ai Township, Nantou County
551	南投縣名間鄉	Mingjian Township, Nantou County
552	南投縣集集鎮	Jiji Township, Nantou County
553	南投縣水里鄉	Shueili Township, Nantou County
555	南投縣魚池鄉	Yuchih Township, Nantou County
556	南投縣信義鄉	Sinyi Township, Nantou County
557	南投縣竹山鎮	Jhushan Township, Nantou County
558	南投縣鹿谷鄉	Lugu Township, Nantou County
559	南投縣	Nantou County
600	嘉義市	Chiayi City
602	嘉義縣番路鄉	Fanlu Township, Chiayi County
603	嘉義縣梅山鄉	Meishan Township, Chiayi County
604	嘉義縣竹崎鄉	Jhuci Township, Chiayi County
605	嘉義縣阿里山鄉	Alishan Township, Chiayi County
606	嘉義縣中埔鄉	Jhongpu Township, Chiayi County
607	嘉義縣大埔鄉	Dapu Township, Chiayi County
608	嘉義縣水上鄉	Shueishang Township, Chiayi County
611	嘉義縣鹿草鄉	Lucao Township, Chiayi County
612	嘉義縣太保市	Taibao City, Chiayi County
613	嘉義縣朴子市	Puzih City, Chiayi County
614	嘉義縣東石鄉	Dongshih Township, Chiayi County
615	嘉義縣六腳鄉	Lioujiao Township, Chiayi County
616	嘉義縣新港鄉	Singang Township, Chiayi County
621	嘉義縣民雄鄉	Minsyong Township, Chiayi County
622	嘉義縣大林鎮	Dalin Township, Chiayi County
623	嘉義縣溪口鄉	Sikou Township, Chiayi County
624	嘉義縣義竹鄉	Yijhu Township, Chiayi County
625	嘉義縣布袋鎮	Budai Township, Chiayi County
626	嘉義縣	Chiayi County
630	雲林縣斗南鎮	Dounan Township, Yunlin County
631	雲林縣大埤鄉	Dapi Township, Yunlin County
632	雲林縣虎尾鎮	Huwei Township, Yunlin County
633	雲林縣土庫鎮	Tuku Township, Yunlin County
634	雲林縣褒忠鄉	Baojhong Township, Yunlin County
635	雲林縣東勢鄉	Dongshih Township, Yunlin County
636	雲林縣台西鄉	Taisi Township, Yunlin County

Code	Chinese	English
637	雲林縣崙背鄉	Lunbei Township, Yunlin County
638	雲林縣麥寮鄉	Mailiao Township, Yunlin County
640	雲林縣斗六市	Douliou City, Yunlin County
643	雲林縣林內鄉	Linnei Township, Yunlin County
646	雲林縣古坑鄉	Gukeng Township, Yunlin County
647	雲林縣莿桐鄉	Cihtong Township, Yunlin County
648	雲林縣西螺鎮	Siluo Township, Yunlin County
649	雲林縣二崙鄉	Erlun Township, Yunlin County
651	雲林縣北港鎮	Beigang Township, Yunlin County
652	雲林縣水林鄉	Shueilin Township, Yunlin County
653	雲林縣口湖鄉	Kouhu Township, Yunlin County
654	雲林縣四湖鄉	Sihhu Township, Yunlin County
655	雲林縣元長鄉	Yuanchang Township, Yunlin County
656	雲林縣	Yunlin County
699	嘉義縣市	Chiayi City and Chiayi County
700	台南市中區	Central District, Tainan City
701	台南市東區	East District, Tainan City
702	台南市南區	South District, Tainan City
703	台南市西區	West District, Tainan City
704	台南市北區	North District, Tainan City
708	台南市安平區	Anping District, Tainan City
709	台南市安南區	Annan District, Tainan City
710	台南縣永康市	Yongkang City, Tainan County
711	台南縣歸仁鄉	Gueiren Township, Tainan County
712	台南縣新化鎮	Sinhua Township, Tainan County
713	台南縣左鎮鄉	Zuojhen Township, Tainan County
714	台南縣玉井鄉	Yujing Township, Tainan County
715	台南縣楠西鄉	Nansi Township, Tainan County
716	台南縣南化鄉	Nanhua Township, Tainan County
717	台南縣仁德鄉	Rende Township, Tainan County
718	台南縣關廟鄉	Guanmiao Township, Tainan County
719	台南縣龍崎鄉	Longci Township, Tainan County
720	台南縣官田鄉	Guantian Township, Tainan County
721	台南縣麻豆鎮	Madou Township, Tainan County
722	台南縣佳里鎮	Jiali Township, Tainan County
723	台南縣西港鄉	Sigang Township, Tainan County
724	台南縣七股鄉	Cigu Township, Tainan County

Code	Chinese	English
725	台南縣將軍鄉	Jiangjyun Township, Tainan County
726	台南縣學甲鎮	Syuejia Township, Tainan County
727	台南縣北門鄉	Beimen Township, Tainan County
730	台南縣新營市	Sinying City, Tainan County
731	台南縣後壁鄉	Houbi Township, Tainan County
732	台南縣白河鎮	Baihe Township, Tainan County
733	台南縣東山鄉	Dongshan Township, Tainan County
734	台南縣六甲鄉	Lioujia Township, Tainan County
735	台南縣下營鄉	Siaying Township, Tainan County
736	台南縣柳營鄉	Liouying Township, Tainan County
737	台南縣鹽水鎮	Yanshuei Township, Tainan County
741	台南縣善化鎮	Shanhua Township, Tainan County
742	台南縣大內鄉	Danei Township, Tainan County
743	台南縣山上鄉	Shanshang Township, Tainan County
744	台南縣新市鄉	Sinshih Township, Tainan County
745	台南縣安定鄉	Anding Township, Tainan County
746	台南縣	Tainan County
747	台南市	Tainan City
799	台南縣市	Tainan City and Tainan County
800	高雄市新興區	Sinsing District, Kaohsiung City
801	高雄市前金區	Cianjin District, Kaohsiung City
802	高雄市苓雅區	Lingya District, Kaohsiung City
803	高雄市鹽埕區	Yancheng District, Kaohsiung City
804	高雄市鼓山區	Gushan District, Kaohsiung City
805	高雄市旗津區	Cijin District, Kaohsiung City
806	高雄市前鎮區	Cianjhen District, Kaohsiung City
807	高雄市三民區	Sanmin District, Kaohsiung City
811	高雄市楠梓區	Nanzih District, Kaohsiung City
812	高雄市小港區	Siaogang District, Kaohsiung City
813	高雄市左營區	Zuoying District, Kaohsiung City
814	高雄縣仁武鄉	Renwu Township, Kaohsiung County
815	高雄縣大社鄉	Dashe Township, Kaohsiung County
817	南海諸島東沙	Dongsha, Nanhai Islands
819	南海諸島南沙	Nansha, Nanhai Islands
820	高雄縣岡山鎮	Gangshan Township, Kaohsiung County
821	高雄縣路竹鄉	Lujhu Township, Kaohsiung County
822	高雄縣阿蓮鄉	Alian Township, Kaohsiung County

Code	Chinese	English
823	高雄縣田寮鄉	Tianliao Township, Kaohsiung County
824	高雄縣燕巢鄉	Yanchao Township, Kaohsiung County
825	高雄縣橋頭鄉	Ciaotou Township, Kaohsiung County
826	高雄縣梓官鄉	Zihguan Township, Kaohsiung County
827	高雄縣彌陀鄉	Mituo Township, Kaohsiung County
828	高雄縣永安鄉	Yong-an Township, Kaohsiung County
829	高雄縣湖內鄉	Hunei Township, Kaohsiung County
830	高雄縣鳳山市	Fongshan City, Kaohsiung County
831	高雄縣大寮鄉	Daliao Township, Kaohsiung County
832	高雄縣林園鄉	Linyuan Township, Kaohsiung County
833	高雄縣鳥松鄉	Niaosong Township, Kaohsiung County
840	高雄縣大樹鄉	Dashu Township, Kaohsiung County
842	高雄縣旗山鎮	Cishan Township, Kaohsiung County
843	高雄縣美濃鎮	Meinong Township, Kaohsiung County
844	高雄縣六龜鄉	Liouguei Township, Kaohsiung County
845	高雄縣內門鄉	Neimen Township, Kaohsiung County
846	高雄縣杉林鄉	Shanlin Township, Kaohsiung County
847	高雄縣甲仙鄉	Jiasian Township, Kaohsiung County
848	高雄縣桃源鄉	Taoyuan Township, Kaohsiung County
849	高雄縣三民鄉	Sanmin Township, Kaohsiung County
851	高雄縣茂林鄉	Maolin Township, Kaohsiung County
852	高雄縣茄萣鄉	Jiading Township, Kaohsiung County
853	高雄縣	Kaohsiung County
854	高雄市	Kaohsiung City
880	澎湖縣馬公市	Magong City, Penghu County
881	澎湖縣西嶼鄉	Siyu Township, Penghu County
882	澎湖縣望安鄉	Wang-an Township, Penghu County
883	澎湖縣七美鄉	Cimei Township, Penghu County
884	澎湖縣白沙鄉	Baisha Township, Penghu County
885	澎湖縣湖西鄉	Husi Township, Penghu County
886	澎湖縣	Penghu County
890	金門縣金沙鎮	Jinsha Township, Kinmen County
891	金門縣金湖鎮	Jinhu Township, Kinmen County
892	金門縣金寧鄉	Jinning Township, Kinmen County
893	金門縣金城鎮	Jincheng Township, Kinmen County
894	金門縣烈嶼鄉	Lieyu Township, Kinmen County
896	金門縣烏坵鄉	Wuciou Township, Kinmen County

Code	Chinese	English
897	金門縣	Jinsha County
899	高雄縣市	Kaohsiung City and Kaohsiung County
900	屏東縣屏東市	Pingtung City, Pingtung County
901	屏東縣三地門鄉	Sandimen Township, Pingtung County
902	屏東縣霧台鄉	Wutai Township, Pingtung County
903	屏東縣瑪家鄉	Majia Township, Pingtung County
904	屏東縣九如鄉	Jiouru Township, Pingtung County
905	屏東縣里港鄉	Ligang Township, Pingtung County
906	屏東縣高樹鄉	Gaoshu Township, Pingtung County
907	屏東縣鹽埔鄉	Yanpu Township, Pingtung County
908	屏東縣長治鄉	Changjhih Township, Pingtung County
909	屏東縣麟洛鄉	Linluo Township, Pingtung County
911	屏東縣竹田鄉	Jhutian Township, Pingtung County
912	屏東縣內埔鄉	Neipu Township, Pingtung County
913	屏東縣萬丹鄉	Wandan Township, Pingtung County
920	屏東縣潮州鎮	Chaozhou Township, Pingtung County
921	屏東縣泰武鄉	Taiwu Township, Pingtung County
922	屏東縣來義鄉	Laiyi Township, Pingtung County
923	屏東縣萬巒鄉	Wanluan Township, Pingtung County
924	屏東縣崁頂鄉	Kanding Township, Pingtung County
925	屏東縣新埤鄉	Sinpi Township, Pingtung County
926	屏東縣南州鄉	Nanjhou Township, Pingtung County
927	屏東縣林邊鄉	Linbian Township, Pingtung County
928	屏東縣東港鎮	Donggang Township, Pingtung County
929	屏東縣琉球鄉	Liouciou Township, Pingtung County
931	屏東縣佳冬鄉	Jiadong Township, Pingtung County
932	屏東縣新園鄉	Sinyuan Township, Pingtung County
940	屏東縣枋寮鄉	Fangliao Township, Pingtung County
941	屏東縣枋山鄉	Fangshan Township, Pingtung County
942	屏東縣春日鄉	Chunrih Township, Pingtung County
943	屏東縣獅子鄉	Shihzih Township, Pingtung County
944	屏東縣車城鄉	Checheng Township, Pingtung County
945	屏東縣牡丹鄉	Mudan Township, Pingtung County
946	屏東縣恆春鎮	Hengchun Township, Pingtung County
947	屏東縣滿洲鄉	Manzhou Township, Pingtung County
948	屏東縣	Pingtung County
950	台東縣台東市	Taitung City, Taitung County

Code	Chinese	English
951	台東縣綠島鄉	Lyudao Township, Taitung County
952	台東縣蘭嶼鄉	Lanyu Township, Taitung County
953	台東縣延平鄉	Yanping Township, Taitung County
954	台東縣卑南鄉	Beinan Township, Taitung County
955	台東縣鹿野鄉	Luye Township, Taitung County
956	台東縣關山鎮	Guanshan Township, Taitung County
957	台東縣海端鄉	Haiduan Township, Taitung County
958	台東縣池上鄉	Chihshang Township, Taitung County
959	台東縣東河鄉	Donghe Township, Taitung County
961	台東縣成功鎮	Chenggong Township, Taitung County
962	台東縣長濱鄉	Changbin Township, Taitung County
963	台東縣太麻里鄉	Taimali Township, Taitung County
964	台東縣金峰鄉	Jinfong Township, Taitung County
965	台東縣大武鄉	Dawu Township, Taitung County
966	台東縣達仁鄉	Daren Township, Taitung County
967	台東縣	Taitung County
970	花蓮縣花蓮市	Hualien City, Hualien County
971	花蓮縣新城鄉	Sincheng Township, Hualien County
972	花蓮縣秀林鄉	Sioulin Township, Hualien County
973	花蓮縣吉安鄉	Ji-an Township, Hualien County
974	花蓮縣壽豐鄉	Shoufong Township, Hualien County
975	花蓮縣鳳林鎮	Fonglin Township, Hualien County
976	花蓮縣光復鄉	Guangfu Township, Hualien County
977	花蓮縣豐濱鄉	Fongbin Township, Hualien County
978	花蓮縣瑞穗鄉	Rueisuei Township, Hualien County
979	花蓮縣萬榮鄉	Wanrong Township, Hualien County
981	花蓮縣玉里鎮	Yuli Township, Hualien County
982	花蓮縣卓溪鄉	Jhuosi Township, Hualien County
983	花蓮縣富里鄉	Fuli Township, Hualien County
984	花蓮縣	Hualien County
993	不固定	No fixed place of work
994	到處跑	Traveling on business
995	不固定	No fixed place of work
997	/	Do not know
998	/	Refused
999	/	NA

Appendix 4: Geographical Codes For Foreign Areas

Code	Chinese	English
002	福建省	Fujian Province
003	廣東省	Guangdong Province
004	廣西省	Guangxi Province
005	貴州省	Kweichow Province
006	雲南省	Yunnan Province
007	浙江省	Zhejiang Province
008	江西省	Jiang Xi Xing
009	湖南省	Hunan Province
010	湖北省	Hubei Province
011	四川省	Sichuan Province
012	江蘇省	Jiangsu Province
013	安徽省	Anhui Province
014	河南省	Henan Province
015	河北省	Hebei Province
016	山東省	Shandong Province
017	山西省	Shan Xi Xing
018	陝西省	Shan Xi Xing
019	甘肅省	Gansu Province
020	熱河省	Re He Xing
021	寧夏省	Ning Xia Xing
022	綏遠省	Sui Yuan Xing
023	察哈爾省	The Cha Ha Er Xing
024	遼寧省	Liaoning Province
025	安東省	An Dong Xing
026	遼北省	Liao Bei Xing
027	吉林省	Ji Lin Xing
028	松江省	Song Jiang Xing
029	合江省	He Jiang Xing
030	興安省	Xing An Xing
031	黑龍江省	Heilungkiang Province
032	嫩江省	Nen Jiang Xing
033	新疆省	Xin Jiang Xing
034	西康省	Xi Kang Xing
035	青海省	Qing Hai Xing
036	西藏地方	The Xi Zang Di Fang
037	蒙古地方	The Meng Gu Di Fang

Code	Chinese	English
038	海南島	Hainan Dao
039	南京市	Nan Jing City
040	上海市	Shanghai City
041	北平市	Bei Ping City
042	天津	Tian Jin City
043	青島市	Qing Dao City
044	西安市	Xi An City
045	漢口市	Han Kou City
046	重慶市	Zhong Qing City
047	廣州市	Guangzhou City
048	瀋陽市	Shen Yang City
049	大連市	Da Lian City
050	哈爾濱市	Harbin City
051	香港	Hong Kong
052	澳門	Macao
070	美國	United States of America
071	加拿大	Canada
072	中南美	Latin America
073	歐洲	Europe
074	澳洲	Aussie
076	日本	Japan
080	東南亞	Southeast Asia
081	越南	Viet Nam
082	印尼	Indonesia
083	泰國	Thailand
084	菲律賓	Philippines
085	柬埔寨	Cambodia
086	馬來西亞	Malaysia
087	緬甸	Myanmar
088	新加坡	Singapore
099	國外	overseas

Appendix 6 : Majors and Departments in Higher Education

(The detailed codes are omitted for protecting respondents' anonymity; can be made available upon special request)

Codes	International Standard Classification of Education ISCED 1997, FIELDS OF EDUCATION
0	General Programs
14	Teacher training and education science
21	Arts
22	Humanities
31	Social and behavioral science
32	Journalism and information
34	Business and administration
38	Law
42	Life sciences
44	Physical sciences
46	Mathematics and statistics
48	Computing
52	Engineering and engineering trades
54	Manufacturing and processing
58	Architecture and building
62	Agriculture, forestry and fishery
64	Veterinary
72	Health
76	Social services
81	Personal services
84	Transport services
85	Environmental protection
86	Security services
99	Unspecified

Appendix 8: High School Vocational Track Major

(the original detailed information is omitted for protecting respondents' anonymity; can be made available upon special request)

Codes	Equivalent ISCED codes for vocational track
0	(High School) General Programs
21	Arts
34	Business and administration
54	Manufacturing and processing
62	Agriculture, forestry and fishery
72	Health (nursing)
81	Personal services (domestic services)
86	Security services (high school level military academy)
99	Unspecified

Appendix 9: Lists of All Questionnaire Items

Variable	Variable Labels (Note: For variables with multiple spells, (X) indicates the sequential number of each spell.)
Section (A). Background Information	
id	ID number
city	City code
stmon	Dates/time of the interview(month)
stday	Dates/time of the interview(day)
sthr	Dates/time of the interview(hour)
stmin	Dates/time of the interview(minute)
a1	Gender
a2a	Year (in Taiwanese year) of birth
a2b	Month of birth
a3a	When you were 15, how many siblings did you have?older brothers
a3b	When you were 15, how many siblings did you have?older sisters
a3c	When you were 15, how many siblings did you have?younger brothers
a3d	When you were 15, how many siblings did you have? younger sisters
a4_1	Items in your household when 15?(01) Your own home
a4_2	Items in your household when 15?(02)Agricultural field
a4_3	Items in your household when 15?(03) Bath
a4_4	Items in your household when 15?(04) Your own room
a4_5	Items in your household when 15?(05) Your own desk (for studying)
a4_6	Items in your household when 15?(06) Formal dinnerware set
a4_7	Items in your household when 15?(07) Piano
a4_8	Items in your household when 15?(08) Television
a4_9	Items in your household when 15?(09) Radio
a4_10	Items in your household when 15?(10) Video recorder
a4_11	Items in your household when 15?(11) Refrigerator
a4_12	Items in your household when 15?(12) Microwave Oven
a4_13	Items in your household when 15?(13) Telephone (cellular or PHS)
a4_14	Items in your household when 15?(14) Camera
a4_15	Items in your household when 15?(15) Literary works/ encyclopedia
a4_16	Items in your household when 15?(16) Computer
a4_17	Items in your household when 15?(17) Air conditioner

a4_18	Items in your household when 15?(18) Automobile
a4_19	Items in your household when 15?(19) Works of fine art/antiques
a4_20	Items in your household when 15?(20) Stocks or bonds
a4_21	Items in your household when 15?(21) Vacation house or investment property
a4_22	Items in your household when 15?(22) Motorcycle
a4_23	Items in your household when 15?(23) Stereo set
a4_28	Items in your household when 15?(28) None of the above
a5	When you were 15, what was the highest academic level you wanted to proceed to?
a5_ch	texts for [other category] in a5
a6	When you were 15, how many books did your household have?(Exclude magazines etc)
Section (B). About Parents	
b1	Please tell me the year when your father was born? Year (Taiwanese year)
b2	If your father had passed away, tell me his age when he died_Years old
b3	Where is/was your father originally from ?
b3_ch	texts for [other category] in b3
b4	Including himself, how many brothers and sisters does/did your father have?
b5	Please tell me your father's educational level
b5_ch	texts for[other category] in b5
b6	Please tell me the year when your mother was born? Year (Taiwanese year)
b7	If your mother has passed away, tell me her age when she died__years old
b8	Including herself, how many brothers and sisters does/did your mother have?
b9	Please tell me your mother's educational level
b9_ch	texts for[other category] in b9
b10a	Which one of the following best applies to your father's job when you were 15?
b10b	What was the name of your father's company/institution?

b10c	What industry was the company in when you were 15? (Taiwanese codes)
b10ctxt	Please explain what his company/institution's main product or services was?
b10isic	What industry was the company in when you were 15?(ISIC rev 3)
b10e	About how many employees were there in the entire company?
b10f	Did he hold a managerial position?
b10d	What kind of work did he do at his workplace?
b10dtxt	What kind of work did he do at his workplace?
b11a	Which one of the following best applies to that job?
b11b	What was the name of your father's company/institution?
b11c	Please explain what his company/institution's main product or services was?
b11ctxt	Please explain what his company/institution's main product or services was?
b11isic	What industry was the company in (father's main job)? (ISIC rev 3)
b11e	About how many employees were there in the entire company?
b11f	Does (did) he hold a managerial position?
b11d	What kind of work does (did) he do at his workplace?
b11dtxt	What kind of work did(dose) he do at his workplace?
b12a	Which one of the following best applies to your mother's job when you were 15?
b12b	What was the name of your mother's company/institution?
b12c	What industry was the company in when you were 15? (Taiwanese codes)
b12ctxt	Please explain what her company/institution's main product or services was?
b12isic	What industry was the company in when you were 15? (ISIC rev 3)
b12e	About how many employees were there in the entire company?
b12f	Did she hold a managerial position?
b12d	What kind of work did she do at her workplace?
b12dtxt	What kind of work did he do at his workplace?
b13a	Did your mother work before marriage?
b13b	Did your mother have a job after she married?
Section (C). Education and Marriage	

c1	What is your educational level
c1_ch	texts for[other category] in c1
c2	Did you graduate from the last school attended
c3	When you were in junior high, where your grades located in the class?
c4aX	School (X):Please tell me the type of school you attended
c4bX	School (X):Did you graduate from the school?
c4c1X	School (X):From which age did you start this school/through which age?(start)
c4c2X	School (X):From which age did you start this school/through which age?(end)
c4dX	School (X):Was this school private or public, day or night school?
c4e_ciX	School (X):Where was this school(city)
c4e_schX	School (X):The full name of the school
c4eX	School (X):original school code
c4fX	School (X):What was the major of your study there?
c4f_chX	School (X):What was the major of your study there?
newscodex	School (X):new school code
iscedx	School (X):department code(ISCED)
c5	Have you ever retaken the entrance exam to attend a high school/college?
c6	Among your high school classmates, how many went on to college/jr. college?
c7	Did you serve in the obligatory military service (not as a professional soldier)?
c7a	What was your type of military service?
c7b1	Please tell me the month/year when your service began and ended. begin(year)?
c7b2	Please tell me the month/year when your service began and ended. begin(month)?
c7b3	Please tell me the month/year when your service began and ended. end(year)?
c7b4	Please tell me the month/year when your service began and ended. end(month)?
c8	What is your current marital status?

c8_ch	texts for[other category] in c8
c9_Xsy	Experience of marriage(X): starting year
c9_Xsm	Experience of marriage(X): starting month
c9_Xey	Experience of marriage(X): ending year
c9_Xem	Experience of marriage(X): ending month
c10_Xsy	Experience of divorce or separation(X): starting year
c10_Xsm	Experience of divorce or separation(X): starting month
c10_Xey	Experience of divorce or separation(X): ending year
c10_Xem	Experience of divorce or separation(X): ending month
c11_Xsy	Experience of widowhood(X): starting year
c11_Xsm	Experience of widowhood(X): starting month
c11_Xey	Experience of widowhood(X): ending year
c11_Xem	Experience of widowhood(X): ending month
c12	Do you have any children ?
c13_Xy	child(X): birth year
c13_Xm	child(X): birth month
c13_Xs	child(X): gender
Section (D) Respondent's Work History	
d1	Have you ever worked?
d2	What was the location of you 1st job? __City/Prefecture__ District/City/Town/Village.
d3cid_X	Job(X): Company ID
d3jid_X	Job(X):Job ID within the company
d3_X	Job(X):Which one of the following classifications best applies to your job?
d4_X	Job(X):What is the name of this company/institution?
d5_X	Job(X):What industry was the company in?(Taiwanese codes)
d5txt_X	Job(X):What is the primary product or service of this company?
d5isic_X	Job(X):What industry was the company in?(ISIC rev 3)
d6_X	Job(X): Approximately how many people does the entire company employ?
d7_X	Job(X):Did you hold a managerial position?
d8_X	Job(X): What kind of work did you do at your place of employment?
d8txt_X	Job(X): What kind of work did you do at your place of employment?(text)

d9_X	Job(X):How did you find your job at this workplace?
d9txt_X	Job(X): texts for[other category] in d9
d10_X	Job(X): About how many days/week and hours/per day do/did you work at this job
d11_X	Job(X):Does/did this job require you to work at nights or on weekends/holidays?
d12_X	Job(X):Did your income increase or decrease compared to the previous job?
d13_X	Job(X): If this is not your current job, why did you leave this job?
d13txt_X	Job(X): texts for[other category] in d13
d14syr_X	Job(X):When did you start and end this job? Starting year
d14smon_X	Job(X):When did you start and end this job? Starting month
d14eyr_X	Job(X):When did you start and end this job? Ending year
d14emon_X	Job(X):When did you start and end this job? Ending month
d15_X	Job(X):Were you out of the labor force for more than three months?
d16	whether the respondent is currently working
d17	Please tell me the location of your current/last job.
d18	If you found your job through introduction, please tell me that person's occupation?
d19	Overall speaking, are you satisfied with your current/last job?
d20	Are you satisfied with your current/last job tasks
d21	Are you satisfied with your income from current/last job?
d22	What is the likelihood that you will be promoted in your current/last workplace?
d23	What percentage in your current/last workplace are non-regular employees?
d24	What percentage of the workers in your current/last workplace are female?
d25a	(a)I can make decisions about the tasks and pace of my work
d25b	(b)I can influence the way work is done in the entire workplace
d25c	(c)I can take off work or leave early for personal reasons
d25d	(d)I can fully utilize my abilities
d25e	(e)I can make use of my experiences
d25f	(f) I can balance my work and family life
Section (E). Spouse's Work History	

e1	What was the year when your husband/wife was born? Taiwanese year
e2	What was the last school level your spouse attended (or is attending)?
e2_ch	texts for[other category] in e2
e3	Did your husband/wife work before marriage?
e4	Does your husband/wife work now?
e4a	Does your husband/wife work now?
e5a_X	Job(X): Which one of the following best applies to your spouse's job?
e5b_X	Job(X): What was the name of the company your spouse worked for?
e5c_X	Job(X): What industry was the company in?(Taiwanese codes)
e5ctxt_X	Job(X): What is the primary product or service of this company?
e5isic_X	Job(X): What industry was the company in(ISIC rev 3)
e5d_X	Job(X): Approximately how many people does the entire company employ?
e5e_X	Job(X): Did/Does your spouse hold a managerial position?
e5f_X	Job(X): What kind of work did/does your spouse do at his/her workplace
e5ftxt_X	Job(X): What kind of work did/does your spouse do at his/her workplace
e5g_X	Job(X): How many days/week, hours/a day did/does your spouse work?
e5h_X	Job(X): Does your spouse's job require to work at nights or on weekends?
e5i_X	Job(X): Compared to your earnings, the earnings of your spouse's job was/is?
e5jsyr_X	Job(X): When did/does your spouse start and end this job ? Starting year
e5jsmon_X	Job(X): When did/does your spouse start and end this job ? Starting month
e5jeyr_X	Job(X): When did/does your spouse start and end this job ? ending year
e5jemon_X	Job(X): Was your spouse out of the labor force for more than three months?
e5k_X	Job(X): When did/does your spouse start and end this job ? ending

	month
Section (F). Residence-change and Family	
f1	When you were 15, where did you live? Prefecture/City District/City/Town/Village
f3_Xs	Personal residential history(X): staring year
f3_Xe	Personal residential history(X): ending year
f3_Xz	Personal residential history(X): zipcode
f4_Xs	History of living with parent(s) (X): starting year
f4_Xe	History of living with parent(s) (X): ending year
f5_Xs	History of living with parent(s) -in-law(X): starting year
f5_Xe	History of living with parent(s)-in-law (X): ending year
f6	How many family members are living with you now? Please include yourself.
f7_1	Please circle all cohabiting family members.(1)yourself
f7_2	Please circle all cohabiting family members.(2)Spouse
f7_3	Please circle all cohabiting family members.(3)Unmarried child
f7_4	Please circle all cohabiting family members.(4)Married son
f7_5	Please circle all cohabiting family members.(5) Married daughter
f7_6	Please circle all cohabiting family members.(6)Child's spouse
f7_7	Please circle all cohabiting family members.(7)Grandchild
f7_8	Please circle all cohabiting family members.(8)Your father
f7_9	Please circle all cohabiting family members.(9) Your mother
f7_10	Please circle all cohabiting family members.(10)Your grandfather
f7_11	Please circle all cohabiting family members.(11)Your grandmother
f7_12	Please circle all cohabiting family members.(12)Spouse's father
f7_13	Please circle all cohabiting family members.(13)Spouse's mother
f7_14	Please circle all cohabiting family members.(14)Spouse's grandfather
f7_15	Please circle all cohabiting family members.(15)Spouse's grandmother
f7_16	Please circle all cohabiting family members.(16)Your siblings
f7_17	Please circle all cohabiting family members.(17) Spouse's siblings
f7_18	Please circle all cohabiting family members.(18)Other
f7_ch	texts for[other category] in f7_18
f7_21	(after codes) Please circle all cohabiting family members. ex-spouse
f7_22	(after codes) Please circle all cohabiting family members. common

	law spouse
f7_23	(after codes) Please circle all cohabiting family members. divorced son
f7_24	(after codes) Please circle all cohabiting family members. divorced daughter
f7_25	(after codes) Please circle all cohabiting family members. child (gender unknown)
f7_26	(after codes) Please circle all cohabiting family members. Son (marital status unknown)
f7_27	(after codes) Please circle all cohabiting family members. Daughter (marital status unknown)
f7_28	(after codes) Please circle all cohabiting family members. Step father
f7_29	(after codes) Please circle all cohabiting family members. Step mother
f7_30	(after codes) Please circle all cohabiting family members. Uncle
f7_31	(after codes) Please circle all cohabiting family members. Aunt
f7_32	(after codes) Please circle all cohabiting family members. Nephew
f7_33	(after codes) Please circle all cohabiting family members. Niece
f7_34	(after codes) Please circle all cohabiting family members. Nephew or niece
f7_35	(after codes) Please circle all cohabiting family members. Nephew or niece of the spouse
f7_36	(after codes) Please circle all cohabiting family members. Cousin
f7_37	(after codes) Please circle all cohabiting family members. Brother's wife
f7_38	(after codes) Please circle all cohabiting family members. Sister's husband
f7_39	(after codes) Please circle all cohabiting family members. Spouse of sisters/brothers in law
f7_40	(after codes) Please circle all cohabiting family members. Relative
f7_41	(after codes) Please circle all cohabiting family members. Cohabitant
f7_42	(after codes) Please circle all cohabiting family members. Lover or betrothed
f7_43	(after codes) Please circle all cohabiting family members. Friend
f7_44	(after codes) Please circle all cohabiting family members.

	Partner/Colleagues
f7_45	(after codes) Please circle all cohabiting family members. Family of the respondent's lover
f8	Do you have any child who is in school?
f9	In total, how much do you spend on all your children for learning each month?
f10_1	Which items do you own in your home?(1)Your own home
f10_2	Which items do you own in your home?(2)Agricultural field
f10_3	Which items do you own in your home?(3)Bath
f10_4	Which items do you own in your home?(4)Each child has a bedroom
f10_5	Which items do you own in your home?(5)Piano
f10_6	Which items do you own in your home?(6)Dishwasher
f10_7	Which items do you own in your home?(7)Refrigerator
f10_8	Which items do you own in your home?(8)Telephone(incl. cellular/PHS)
f10_9	Which items do you own in your home?(9)Satellite or cable television
f10_10	Which items do you own in your home?(10)DVD recorder
f10_11	Which items do you own in your home?(11)Air conditioner
f10_12	Which items do you own in your home?(12)Bidet with warm water wash
f10_13	Which items do you own in your home?(13)Complete collections of literary works
f10_14	Which items do you own in your home?(14)Computer
f10_15	Which items do you own in your home?(15)Broadband Internet access
f10_16	Which items do you own in your home?(16) Automobile
f10_17	Which items do you own in your home?(17)Sports club membership
f10_18	Which items do you own in your home?(18)Works of fine art/antiques
f10_19	Which items do you own in your home?(19)Stocks or bonds
f10_20	Which items do you own in your home?(20)Vacation house or investment property
f10_21	Which items do you own in your home?(21)Motorcycle
f10_22	Which items do you own in your home?(22)Stereo set

f10_28	Which items do you own in your home?(28)None of the above
f11	The place you currently live is a ____.
f11_ch	texts for[other category] in f11
f12	Who owns your current home?
f12_ch	texts for[other category] in f12
f13	What is the market value of the real estate owned by you/your spouse/unmarried children?
f14	Is the real estate given to you as inheritance or gifts by your parents/spouse's parents?
f15	In total, what is the market price of the real estate that you inherited or were given?
Section G. Attitudes about Work and Life	
g1a	Do you agree or disagree? There are abundant opportunities to acquire high status/high income.
g1b	Do you agree or disagree? The competition to attain high status and income is fair for all.
g2	
g2a	Do you agree? Men should focus on work, while women should prioritize their family roles.
g2b	Do you agree? Boys and girls should be raised in different ways
g2c	Do you agree? Women are more suitable by nature than men for housekeeping and childrearing.
g2d	Do you agree? Husbands be in charge of outside, while wives be responsible for the home.
g3	
g3a	How important are X matters to you? Not having to worry about losing your job
g3b	How important are X matters to you? Earning a high income
g3c	How important are X matters to you? Having an interesting job
g3d	How important are X matters to you? Being able to work as a team with co-workers
g3e	How important are X matters to you? Being able to fully utilize your abilities
g3f	How important are X matters to you? Having a job that is useful to

	society
g3g	How important are X matters to you? Having flexible working hours/days
g3h	How important are X matters to you? Being able to balance your work and family life
g4_1	Anyone to help in search for a new job? Legislator
g4_2	Anyone to help in search for a new job? Managers of a large firm
g4_3	Anyone to help in search for a new job? Senior officials in the government
g4_4	Anyone to help in search for a new job? Regular employees in private firms/government
g4_5	Anyone to help in search for a new job? Professionals, such as medical doctors or lawyers
g4_6	Anyone to help in search for a new job? Store or restaurant owners
g4_7	Anyone to help in search for a new job? Factory workers or other blue-collar workers
g4_8	Anyone to help in search for a new job? Farmers or fishermen
g4_9	Anyone to help in search for a new job? Senior officials in unions/trade associations
g4_10	Anyone to help in search for a new job? Never thought about it
g4_11	Anyone to help in search for a new job? Do not want to change job
g4_12	Anyone to help in search for a new job? Other
g4_13	(after codes)Anyone to help in search for a new job? classmates/friends
g4_14	(after codes)Anyone to help in search for a new job? do not want to work
g4_15	(after codes)Anyone to help in search for a new job? myself
g4_21	(after codes)Anyone to help in search for a new job? family and relatives
g4_22	(after codes)Anyone to help in search for a new job? employment agency
g4_ch	texts for[other category] in g4
g5a	1st job (1)Working mainly for the same company (2) Working for different companies

g5b	1st job (1) Doing the same kind of work (2) Changing occupations throughout your working life
g5c	1st job (1) Being self-employed (2) Working for a company
g5d	1st job (1) Working continuously in the labor force (2) Entering and exiting the labor force
g6	When you first started working, how did you think your income would change in the future?
g7a	(1) Working mainly for the same company (2) Working for different companies
g7b	(1) Doing the same kind of work (2) Changing occupations throughout your working life
g7c	(1) Being self-employed (2) Working for a company
g7d	(1) Working continuously in the labor force (2) Entering and exiting the labor force
g8	How do you think your income will change from now on?
g9	Suppose people divide into 5 strata. To which group do you think you would belong?
g10	How satisfied are you with your life overall?
g11	What is your religion?
g11_ch	texts for [other category] in g11
g12	How often do you go to temple, church, etc. or attend religious activities?
g13	If we were to divide the entire Taiwanese society into ten strata, which would you say you belong to?
Section H. Income	
h1	How much did you earn last year (before tax)?
h2	During last year, how much income did you receive from non-work related sources?
h3	How much income did your spouse have last year?
h4	How much income did your entire family have last year?
h5	Among the five political parties in Taiwan, which one do you support more?
h5_ch	texts for [other category] in h5
h6	
h6a	To what degree do you like the following political parties?

	Kuomintang
h6b	To what degree do you like the following political parties? Democratic Progressive Party
h6c	To what degree do you like the following political parties? People First Party
h6d	To what degree do you like the following political parties? Taiwan Solidarity Union
h6e	To what degree do you like the following political parties? New Party
endday	Interview finishing time___Date
endmon	Interview finishing time___Month
endhr	Interview finishing time___Hour
endmin	Interview finishing time___Minute
J. Interviewer Records	
j1	Interviewer ID
j2	Did you finish the entire interview during one visit?
j2_1m	first interview starting time(month)
j2_1d	first interview starting time(day)
j2_1sh	first interview starting time(hour)
j2_1sm	first interview starting time(minute)
j2_1eh	first interview ending time(hour)
j2_1em	first interview ending time(minute)
j2_2m	second interview starting time(month)
j2_2d	second interview starting time(day)
j2_2sh	second interview starting time(hour)
j2_2sm	second interview starting time(minute)
j2_2eh	second interview ending time(hour)
j2_2em	second interview ending time(minute)
j2_3m	third interview starting time(month)
j2_3d	third interview starting time(day)
j2_3sh	third interview starting time(hour)
j2_3sm	third interview starting time(minute)
j2_3eh	third interview ending time(hour)
j2_3em	third interview ending time(minute)
j3	During the interview, did you:
j3_ch	texts for[other category] in j3

j4	During the interview, has the R ever shown intent of refusing to be interviewed?
j5	During the interview, did the respondent seem impatient?
j6	To what extent do you think the respondent trusted you as an interviewer?
j7	During the interview, was the respondent seem insincere?
j8	How cooperative was the respondent?
j9	How reliable do you think the respondent's answers were?
j10	What was the language used for the interview?
j10_ch	texts for[other category] in j10
j11	Did you conduct the interview alone?
j12	Did you make an appointment before the interview?
j13_1	Where did you conduct the interview? Respondent's home
j13_2	Where did you conduct the interview? Respondent's workplace
j13_3	Where did you conduct the interview? Respondent's school
j13_4	Where did you conduct the interview? Other people's home
j13_5	Where did you conduct the interview? Elsewhere
j13_ch	texts for[other category] in j13
j14a_1	Was there other person present during the interview?Child/child-in-law
j14a_2	Was there other person present during the interview?Spouse
j14a_3	Was there other person present during the interview?Sibling
j14a_4	Was there other person present during the interview?Parent/parent-in-law
j14a_5	Was there other person present during the interview?Grandparent
j14a_6	Was there other person present during the interview?Great grandparent
j14a_7	Was there other person present during the interview? Grandchild
j14a_8	Was there other person present during the interview? Uncle/aunt
j14a_9	Was there other person present during the interview?Cousin (or his/her spouse)
j14a_10	Was there other person present during the interview?Other relative
j14a_11	Was there other person present during the interview?Domestic helper
j14a_12	Was there other person present during the interview?Neighbor or friend

j14a_13	Was there other person present during the interview?Classmate or coworker
j14a_14	Was there other person present during the interview?Other
j14a_ch	texts for[other category] in j14
j15_1	Did you receive help on completing interview?None
j15_2	Did you receive help on completing interview?Representative from the neighborhood
j15_3	Did you receive help on completing interview?Local police
j15_4	Did you receive help on completing interview?Building/complex security guard
j15_5	Did you receive help on completing interview?Other
j15_ch	texts for[other category] in j15
k1y	Date when the supervisor received the questionnaire: year
k1m	Date when the supervisor received the questionnaire: month
k1d	Date when the supervisor received the questionnaire: date'
k2_1	Number of irrelevant answers'
k2_2	Number of coding errors'
k2_3	Number of skipping errors'
k2_4	Number of missing values'
k2_5	Number of misplaced answers'
k2_6	Number of error check marks'
k2_7	Number of other errors'
k2_8	The problem/incomplete items were validated by ...'
k3_1a	Number of question items that were validated by the interviewer'
k3_1b	Days elapsed before the interviewer completed the follow-up validation'

k3_2a	Number of question items that were validated by the supervisor'
k3_2b	Days elapsed before the supervisor completed the follow-up validation'
k3_3y	Date of questionnaire editing (accuracy/completeness check): year'
k3_3m	Date of questionnaire editing (accuracy/completeness check): month'
k3_3d	Date of questionnaire editing (accuracy/completeness check): date'
k4y	Date when all validations were completed: year'
k4m	Date when all validations were completed: month'
k4d	Date when all validations were completed: date'
k5y	Date when the edited questionnaire was coded: year'
k5m	Date when the edited questionnaire was coded: month'
k5d	Date when the edited questionnaire was coded: date'
k6y	Date for second validation: year'
k6m	Date for second validation: month'
k6d	Date for second validation: date
k8	Supervisor's ID"
d3cid_0	Current job:Company ID'
d3jid_0	Current job:Job ID within the Company'
dD3_0	Current job:Employment status (You were working for...?)'
d4_0	Current job:What was the name of the company? (in Chinese)'
d5_0	Current job:What industry was the company in? (Taiwanese codes)'
d5txt_0	Current job:What were the major products/services of this company?'

d5isic_0	Current job:What industry was the company in? (ISIC rev 3)'
d6_0	Current job:About how many people worked for this company?
d7_0	Current job:Did you supervise people as part of this job?'
d8_0	Current job:Occupation, ISCO-88 4-digits (What kind of work did you do?)'
d8txt_0	Current job:What kind of work did you do? (texts in Chinese)'
d9_0	Current job: How did you found out about this job?'
d9txt_0	Current job:texts for [other category] in d9'
d10_0	Current job:How many hours did you work for this job every week?'
d11_0	Current job:How often did you have to work at night or during holidays?'
d12_0	Current job:How was the salary compared to your previous job?'
d13_0	Current job:Why did you leave this position?'
d13txt_0	Current job:texts for [other category] in d13
d14syr_0	Current job:When did you start this position? (year)'
d14smon_0	Current job:When did you start this position? (month)'
d14eyr_0	Current job:When did you end this position? (year)'
d14emon_0	Current job:When did you end this position? (month)'
d15_0	Current job:Did you ever stop working for more than three months after leaving t' .

Appendix 10: Lists of Value Labels Used in the Data

Label name	Value label (brief description)	Variables applied (Note: For variables with multiple spells, (X) indicates the sequential number of each spell.)				
a1	<i>male or female?</i> 1 Male 2 Female 7 Do not know 8 Refused 9 NA	a1				
a4	<i>Yes or No?</i> 0 No 1 Yes 7 Do not know 8 Refused 9 NA	a4_(X) f10_(X) f7_(X) g4_(X) j13_(X) j14_(X) j15_(X)				
a5	<i>Educational anticipated when 15</i> 1 Junior high school 2 High school/vocational high school 3 Junior/technical college 4 University 5 Master's degree 6 Doctoral degree 7 Other 8 Never thought about it 97 Don't know 98 Refused 99 NA	a5				
a6	<i># of books</i> 1 Less than 10 2 11~25 3 26~100 4 101~200 5 201~500 6 More than 500 97 Do not know 98 Refused 99 NA	a6				
b13a	<i>Yes or No?</i> 1 Yes 2 No 7 Do not know 8 Refused 9 NA	b13a c7 c12 d15_(X) d16 e3 e4 e5k_(X) f8 f14 j2 j11 j12				
b13b	<i>Yes or Never</i> 1 Yes, always (through now or retirement) 2 Never	b13b				

	7 Do not know 8 Refused 9 NA	
b3	<i>ethnicity</i> 1 Taiwan, min-nan ethnicity 2 Taiwan, hakka ethnicity 3 Taiwan, aboriginal ethnicity 4 Mainland China 5 Other 97 Don't know 98 Refused 99 NA	b3
c13s	<i>Boy or girl?</i> 1 Male 2 Female 7 Do not know 8 Refused 9 NA	c13_(X)s
c2	<i>Graduated or not?</i> 1 Graduated 2 Not graduated 3 Still in school 7 Do not know 8 Refused 9 NA	c2
c3	<i>grade ranking at school</i> 1 High 2 Somewhat higher than the middle 3 Around the middle 4 Somewhat lower than the middle 5 Low 7 Do not know 8 Refused 9 NA	c3
c4b1	1 Yes 2 No 3 In school now 7 Do not know 8 Refused 9 NA	c4b1
c4d1	<i>types of school</i> 1 Public, day 2 Public, night 3 Private, day 4 Private, night 7 Do not know 8 Refused	c4d(X)

	9	NA	
c5		<i>Ever retaken entrance exam?</i>	c5
	1	Never	
	2	Yes,for going to high school/vocational high school	
	3	Yes, for going to college/university	
	4	Yes, for going to both high school and university	
	7	Do not know	
	8	Refused	
	9	NA	
c6		<i>Classmates went on to college?</i>	c6
	1	Almost everyone	
	2	70-80 percent	
	3	About half	
	4	30-40 percent	
	5	Almost none	
	7	Do not know	
	8	Refused	
	9	NA	
c7a		<i>types of military services</i>	c7a
	1	Regular military service	
	2	Defense industry service	
	3	Substitute service	
	4	Exempt from military conscription (serve in the militia)	
	7	Do not know	
	8	Refused	
	9	NA	
c7b(x)			
	96	Until now	c4c(x) c(x)_ (x)sy c(x)_ (x)sm c(x)_ (x)ey c(x)_ (x)em
	97	Do not know	c13_ (x)y c13_ (x)m d14sy_ (x) d14smon_ (x) d14eyr_ (x)
	98	Refused	d14emon_ f(x)_ (x)s f(x)_ (x)e e5jsyr_ (x) e5jsmon_ (x)
	99	NA	e5jeyr_ (x) e5jemon_ (x)
c8		<i>marital status</i>	c8
	1	Married	
	2	Divorced/separated (excluding those who temporarily live apart for work reasons)	
	3	Widowed	
	4	Never married	
	5	(after codes) cohabitation	
	7	Do not know	
	8	Refused	
	9	NA	

city	<i>Geographic codes for foreign areas (appendix 4) + 3-digits zip code (Appendix 3)</i>	city	d2	d17	f1	f3_(X)z
d1	<i>Yes or Never</i> 1 Yes 2 Never 7 Do not know 8 Refused 9 NA	d1				
d10	<i>3-digits not applicable</i> 995 Not sure 997 Do not know 998 Refused 999 NA	d10_(X)	e5g_(X)			
d11	<i>how frequent...</i> 1 Often 2 Sometimes 3 Seldom 4 Never 5 (after codes) It depends 7 Do not know 8 Refused 9 NA	d11_(X)	e5h_(X)			
d12	<i>Wage change</i> 1 Increased 2 Decreased 3 Hardly changed 5 (after codes) Salary not fixed 7 Do not know 8 Refused 9 NA	d12_(X)				
d18	<i>job contacts when job search</i> 1 Legislator 2 Manager at a private company 3 Manager at a government office 4 Regular full-time office worker 5 Professional, such as a doctor or a lawyer 6 Proprietor of a store or a restaurant 7 Factory worker or store clerk 8 Farmer or fishery worker 9 Official in a professional or labor union 10 Other 11 Not applicable—nobody introduced you 12 Not application—the person didn't have a job then 97 Do not know	d18				

	98	Refused							
	99	NA							
d19		<i>how satisfied...</i>		d19	d20	d21			
	1	Very Satisfied							
	2	Satisfied							
	3	Neither satisfied nor dissatisfied							
	4	Dissatisfied							
	5	Very dissatisfied							
	97	Do not know							
	98	Refused							
	99	NA							
d22		<i>chances of being promoted</i>		d22					
	1	Highly likely							
	2	Probably							
	3	Maybe/hard to say							
	4	Not very likely							
	5	Very unlikely							
	6	There is no higher position							
	97	Do not know							
	98	Refused							
	99	NA							
d23		<i>what percentage...?</i>		d23	d24				
	1	Almost all (90-100%)							
	2	More than half (60-80%)							
	3	About half (50%)							
	4	Less than half(20-40 %)							
	5	A little(0-10%)							
	7	Do not know							
	8	Refused							
	9	NA							
d25		<i>agree or not?</i>		d25a	d25b	d25c	d25d	d25e	
	1	Strongly applies		d25f					
	2	Applies somewhat							
	3	Does not apply much							
	4	Does not apply							
	7	Do not know							
	8	Refused							
	9	NA							
e4a				e4a					
	1	(after codes)Yes, works until now or retired							
	2	(after codes)No, never worked after marriage							
	3	(after codes)Yes, but in and out of the labor market							
	4	(after codes)Cannot tell							
	7	Do not know							
	8	Refused							
	9	NA							

e5i	<i>wage compared to spouse</i>	e5i_(X)				
1	Much more than yours					
2	A little more than yours					
3	About the same as yours					
4	A little less than yours					
5	Much less than yours					
6	You did/do not have a job at the time					
97	Do not know					
98	Refused					
99	NA					
educ_1	<i>detailed educational levels</i>	b5	b9	c1	c4a(x)	e2
1	None					
2	Literate, but no formal schooling					
3	Elementary school, not graduated					
4	Elementary school, graduated					
5	Junior high school, not graduated					
6	Junior high school, graduated					
7	Vocational junior high school					
8	High school, general major					
9	High school, vocational major					
10	Vocational high school					
11	Drill sergeant school					
12	Five-year junior/technical college					
13	Two-year junior/technical college					
14	Three-year junior/technical college					
15	Military junior college (old system)					
16	Two-year military junior college (new system)					
17	Correspondence study, junior-college level					
18	Correspondence study, university level					
19	Military/police academy					
20	Science and technology university/college (4 years)					
21	Normal university/college					
22	Master's degree					
23	Doctoral degree					
24	Other (please specify)					
97	Do not know					
98	Refused					
99	NA					
empl_1	<i>employment status</i>	b10a	b11a	b12a	d3_(X)	e5a_(X)
1	Self-employed, hiring other workers					

	<p>2 Self-employed, without hiring any other worker</p> <p>3 Family Worker</p> <p>4 Employed by the government</p> <p>5 Employed by a state-owned enterprise</p> <p>6 Employed by a previously state-owned (now private) enterprise</p> <p>7 Employee Dispatched by a Temporary Employment Agency</p> <p>8 Temporary Employee, part-time Employee</p> <p>9 Home-based piece worker</p> <p>10 Employed by a private enterprise, not under a condition specified above</p> <p>11 alternative military service</p> <p>12 Unemployed</p> <p>13 Student</p> <p>14 Compulsory Military Service</p> <p>15 Did not have a father at that time</p> <p>16 (after codes) Nonprofit Organization</p> <p>97 Do not know</p> <p>98 Refused</p> <p>99 NA</p>	
f11	<p><i>types of dwelling</i></p> <p>1 Detached house or duplex</p> <p>2 Townhouse</p> <p>3 Apartment/condo in a 5-or-fewer-story building</p> <p>4 Apartment/condo in a 6-to-12-story building</p> <p>5 Apartment/condo in a high-rise building (13 floors or higher)</p> <p>6 Traditional farm house</p> <p>7 Other, please specify</p> <p>8 (after codes) Iron shelter</p> <p>9 (after codes) Bungalow</p> <p>10 factory storage</p> <p>97 Do not know</p> <p>98 Refused</p> <p>99 NA</p>	f11
f12	<p><i>ownership of one's residence</i></p> <p>1 Yourself</p> <p>2 You and your spouse together</p> <p>3 Your spouse</p> <p>4 Your parents</p> <p>5 Your spouse's parents</p> <p>6 Your child/children</p>	f12

	<p>7 You and your child/children together</p> <p>8 Your workplace</p> <p>9 Other person (i.e., rental) pay rent</p> <p>10 The place is borrowed from a friend or relative</p> <p>11 Other, please specify</p> <p>12 (after codes) Jointly owned by you and your siblings</p> <p>13 (after codes) Owned by other siblings</p> <p>14 (after codes) Owned by grandparents</p> <p>97 Do not know</p> <p>98 Refused</p> <p>99 NA</p>	
f13	<p><i>family wealth in NT dollars</i></p> <p>1 None</p> <p>2 1 million NT\$</p> <p>3 1~2.5 million NT\$</p> <p>4 2.5~5 million NT\$</p> <p>5 5~7.5 million NT\$</p> <p>6 7.5~10 million NT\$</p> <p>7 10~15 million NT\$</p> <p>8 15~20 million NT\$</p> <p>9 20~25 million NT\$</p> <p>10 25~30 million NT\$</p> <p>11 30 million NT\$ or above</p> <p>97 Do not know</p> <p>98 Refused</p> <p>99 NA</p>	f13
f15	<p><i>inheritance worth in NT dollars</i></p> <p>1 Half million NT\$ and less</p> <p>2 0.5~1 million NT\$</p> <p>3 1~1.5 million NT\$</p> <p>4 1.5~2 million NT\$</p> <p>5 2~2.5 million NT\$</p> <p>6 2.5~5 million NT\$</p> <p>7 5~7.5 million NT\$</p> <p>8 7.50~10 million NT\$</p> <p>9 10~15 million NT\$</p> <p>10 15~20 million NT\$</p> <p>11 20~25 million NT\$</p> <p>12 25~30 million NT\$</p> <p>13 30 million NT\$</p> <p>97 Do not know</p> <p>98 Refused</p> <p>99 NA</p>	f15
f9	<p><i>tuition for cram school in NT dollars</i></p>	

	1 None 2 Less than 5,000 3 5,000~9,999 4 10,000~14,999 5 15,000~19,999 6 20,000~24,999 7 25,000~29,999 8 30,000~34,999 9 35,000~39,999 10 40,000~44,999 11 45,000~49,999 12 50,000 and above 97 Do not know 98 Refused 99 NA	f9
findjob	<i>job search methods</i> 1 Career center or teacher at my school (including school recommendation) 2 Introduction by alumni at my school 3 Introduction by my friends or acquaintances 4 Introduction by my family or relatives 5 Introduction by public employment agency 6 Introduction by a private placement organization 7 Applied directly by looking at job placement ads or magazines 8 Entered the family business 9 Started my own business 10 Solicited by the present employer 11 Introduction by the previous employer 12 Through national exams and government assignment 13 Internal transfer/promotion 14 Other 15 (after codes) Returned to the previous employer 16 (after codes) Lateral transfer/job rotation 17 (after codes) Privatization/become state own 18 (after codes) Elected to public office 19 (after codes) Alternative military service/joined military 21 (after codes) Found the job by	d9_(X)

	myself				
22	(after codes) Introduction by a public organization other than public employment agency				
95	Not fixed				
97	Do not know				
98	Refused				
99	NA				
fsize_1	<i># of employees at work</i>	b10e	b11e	b12e	d6_(X) e5d_(X)
1	1				
2	2-4				
3	5-9				
4	10-29				
5	30-99				
6	100-299				
7	300-499				
8	500-999				
9	1000 or more				
95	Not fixed				
97	Do not know				
98	Refused				
99	NA				
g1	<i>Do you agree or disagree?</i>	g1a	g1b	g2a	g2b g2c
1	Agree	g2d			
2	Somewhat agree				
3	Somewhat disagree				
4	Disagree				
7	Do not know				
8	Refused				
9	NA				
g10	<i>how satisfied...</i>	g10			
1	Very satisfied				
2	Satisfied				
3	Neither satisfied nor dissatisfied				
4	Dissatisfied				
5	Very dissatisfied				
97	Do not know				
98	Refused				
99	NA				
g11	<i>religion preferences</i>	g11			
1	Buddhism				
2	Taoism				
3	Conventional belief				
4	Yi-Guang-Dao				
5	Xuan Yuan				
6	Muslim				
7	Catholicism				
8	Protestantism				
9	Zai religion				
10	Ruang tang				

	11 Ci-hui tang 12 No religion 13 Other 97 Do not know 98 Refused 99 NA	
g12	<i>frequencies of religious services</i> 1 Several times per week 2 Once a week 3 2-3 times per month 4 Once a month 5 Several times a year 6 Once a year 7 Almost never 8 Never 95 (after codes) It depends 97 Do not know 98 Refused 99 NA	g12
g13	<i>Low and high</i> 1 Lowest 10 Highest 97 Do not know 98 Refused 99 NA	g13
g3a	<i>how important...</i> 1 Very important 2 Important 3 Neither important nor unimportant 4 Unimportant 5 Completely unimportant 7 Do not know 8 Refused 9 NA	g3a g3b g3c g3d g3e g3f g3g g3h
g5a	<i>workig for the same company?</i> 1 Working mainly for the same company 2 Working for different companies 7 Do not know 8 Refused 9 NA	g5a g7a
g5b	<i>stay in the same</i> 1 Doing the same kind of work throughout your working life 2 Changing occupations or kinds of work throughout your working life 7 Do not know	g5b g7b

	8	Refused			
	9	NA			
g5c		<i>self- employee?</i>	g5c	g7c	
	1	Being self-employed			
	2	Working for a company			
	7	Do not know			
	8	Refused			
	9	NA			
g5d		<i>working continuously?</i>	g5d	g7d	
	1	Working continuously in the labor force			
	2	Entering and exiting the labor force (and taking breaks every now and then)			
	7	Do not know			
	8	Refused			
	9	NA			
g6		<i>wage changes</i>	g6	g8	
	1	It would go up			
	2	It would not change			
	3	It would go down			
	4	It would go up and down			
	7	Do not know			
	8	Refused			
	9	NA			
g9		<i>Five classes scheme</i>	g9		
	1	Upper			
	2	Upper middle			
	3	Middle			
	4	Lower middle			
	5	Lower			
	7	Do not know			
	8	Refused			
	9	NA			
h1		<i>Personal income</i>	h1	h3	h4
	1	None			
	2	Less than 50,000			
	3	50,000~99,999			
	4	100,000~199,999			
	5	200,000~299,999			
	6	300,000~399,999			
	7	400,000~499,999			
	8	500,000~599,999			
	9	600,000~699,999			
	10	700,000~799,999			
	11	800,000~899,999			
	12	900,000~999,999			
	13	1,000,000~1,249,999			
	14	1,250,000~1,499,999			
	15	1,500,000~1,749,999			
	16	1,750,000~1,999,999			

	17 2,000,000~2,499,999 18 2,500,000~2,999,999 19 3,000,000~3,499,999 20 3,500,000 and above 97 Do not know 98 Refused 99 NA	
h2	<i>income from non-work sources</i> 1 None 2 Less than 10,000 3 10,000~19,999 4 20,000~29,999 5 30,000~39,999 6 40,000~49,999 7 50,000~59,999 8 60,000~69,999 9 70,000~79,999 10 80,000~89,999 11 90,000~99,999 12 100,000~109,999 13 110,000~119,999 14 120,000~129,999 15 130,000~139,999 16 140,000~149,999 17 150,000~159,999 18 160,000~169,999 19 170,000~179,999 20 180,000~189,999 21 190,000~199,999 22 200,000~299,999 23 300,000~399,999 24 400,000~499,999 25 500,000~999,999 26 1,000,000 and above 97 Do not know 98 Refused 99 NA	h2
h5	<i>Party identification</i> 1 Kuomintang 2 Democratic Progressive Party 3 People First Party 4 Taiwan Solidarity Union 5 New Party 6 All of them 7 None of them 8 Other 9 (after codes) support candidates, no preference for the party 10 (after codes) It depends on the	h5

	candidates	
97	Do not know	
98	Do not wish to say	
99	NA	
h6	<i>good or bad?</i>	h6a h6b
1	Very much	
2	Somewhat	
3	Not much	
4	Not at all	
7	Do not know	
8	Refused	
9	NA	
isc97_1	<i>college major codes, ISCED 1997</i>	isc97(X)
0	General Programms	
14	Teacher training and education science	
21	Arts	
22	Humanities	
31	Social and behavioural science	
32	Journalism and information	
34	Business and administration	
38	Law	
42	Life sciences	
44	Physical sciences	
46	Mathematics and statistics	
48	Computing	
52	Engineering and engineering trades	
54	Manufacturing and processing	
58	Architecture and building	
62	Agriculture, forestry and fishery	
64	Veterinary	
72	Health	
76	Social services	
81	Personal services	
84	Transport services	
85	Environmental protection	
86	Security services	
99	Unspecified	
isco4_1	<i>see Appendix 2 for complete list of codings</i>	b10d b11d b12d d8_(X) e5f_(X)
j10	<i>language used during interview?</i>	j10
1	Mandarin	
2	Min-nan/Taiwanese	
3	Hakka	
4	Mandarin and Taiwanese	
5	Mandarin and Hakka	

	6	Other	
	7	Do not know	
	8	Refused	
	9	NA	
j2_1	99	NA	k1y k1m k1d k3_1b k3_2b k3_3y k3_3m k3_3d k4y k4m k4d k5y k5m k5d k6y k6m k6d
j3		<i>who filled out questionnaire?</i>	
	1	Let the respondent fill in the answers	j3
	2	Ask the questions and fill in the answers yourself	
	3	Interview the respondent through the third party who translated for you	
	4	Other	
	7	Do not know	
	8	Refused	
	9	NA	
j4		<i>Did R show intent of refusing?</i>	
	1	Only in the beginning	j4
	2	He/she has shown such an intent during the process	
	3	Only towards the end	
	4	He/she has shown such an intent several times throughout the interview	
	5	Never	
	7	Do not know	
	8	Refused	
	9	NA	
j5		<i>seem impatient?</i>	
	1	Never	j5
	2	Seldom	
	3	Sometimes	
	4	All the time	
	7	Do not know	
	8	Refused	
	9	NA	
j6		<i>respondent trusted you as an interviewer?</i>	
	1	Very low	j6
	2	Low	
	3	High	
	4	Very high	
	7	Do not know	
	8	Refused	
	9	NA	

j7	respondent seem insincere?					
1	Very	j7				
2	Cooperative					
3	Uncooperative					
4	Very uncooperative					
7	Do not know					
8	Refused					
9	NA					
j8	How cooperative					
1	Very	j8				
2	Cooperative					
3	Uncooperative					
4	Very uncooperative					
7	Do not know					
8	Refused					
9	NA					
j9	How reliable is R's answers					
1	Very reliable	j9				
2	Reliable					
3	Unreliable					
4	Very unreliable					
7	Do not know					
8	Refused					
9	NA					
k2	3-digits not applicable					
997	Do not know	k2_1	k2_2	k2_3	k2_4	k2_5
998	Refused	k2_6	k2_7	k3_1a	k3_2a	
999	NA	b1	b2	b6	e1	
k2_8	who validates the questionnaire?					
1	perfect	k2_8				
2	re-ask by interviewer					
3	re-ask by supervisor					
4	re-ask by interviewer & supervisor					
7	Do not know					
8	Refused					
9	NA					
m2	refused category					
95	Not fixed	a2a	a2b	a3a	a3b	a3c
97	Do not know	a3d	b4	b8	d3cid_(X)	d3jid_(X)
98	Refused	j2_2eh	j2_2em	j2_3m	j2_3d	j2_3sh
99	NA	j2_3eh	j2_3em			
manager_1	level of managerial responsibility?					
1	No Managerial Title	b10f	b11f	b12f	d7_(X)	e5e_(X)
2	Supervisor, Foreman, Group Leader					
3	Low-level managerial Position					
4	Middle-level managerial position					

	5 Upper-level managerial position 6 President, Director, Executive Officer, Board of Director 95 Not fixed 97 Do not know 98 Refused 99 NA	
quit	<i>Why leave your job?</i> 1 Retirement, the end of contract, etc. 2 Bankruptcy, closing, employee layoff, etc. 3 Found a better job 4 Family reasons (marriage, child-rearing etc.) 5 Take over family business 6 Dissatisfaction with the workplace 7 Internal transfer, promotion 8 Other (specify) 9 (after codes) job rotation/lateral transfer 10 (after codes) In/out military service 11 (after codes) To start a business/spinoff 12 (after codes) Return to school 13 (after codes) Physical reasons (aging/illness/injury) 14 (after codes) Prepare for examination/study 15 (after codes) Move to other places 16 (after codes) To help friend/family business 17 (after codes) Go home/homesick 18 (after codes) Tired/dont want to work/ take a break 19 (after codes) Company restructuring/job abolished 20 (after codes) Company moved to other place 21 (after codes) Go abroad 22 (after codes) No customers/no business 23 (after codes) Finished intern/graduated from school 24 (after codes) Job training/to learn new skills 25 (after codes) Want to try different jobs 26 (after codes) Pursue other goals	d13_(X)

	in life	
27	(after codes) Incarcerated	
28	(after codes) Dismissal/got fired	
97	Do not know	
98	Refused	
99	NA	
bcode_1	<i>College major, Taiwan codes</i> see Appendix 6	c4f(X)
isco4	<i>ISCO 1988</i> see Appendix 2	b10d b11d b12d d8_(X) e5f_(X)
zipcode	<i>3 digits zip codes</i> see Appendix 3 & Appendix 4	city d2 d17 f1 f3_(X)z
isic	<i>international standard industrial codes</i> see appendix 1	b10isic b11isic b12isic d5isic_(X) e5isic_(X)
newscore	<i>2005 school codes</i> see appendix 5	newscore(X)
scode_1	<i>school codes when R attend the school</i> see Appendix 5 & Appendix 7	c4e(X)
taiwansic	<i>Taiwan standard industrial codes</i> see appendix 1B	b10c b11c b12c d5_(X) e5c_(X)
c7b(x)		
96	Until now	c4c(x) c(x)_(x)sy c(x)_(x)sm c(x)_(x)ey c(x)_(x)em
97	Do not know	c13_(x)y c13_(x)m d14syr_(x) d14smon_(x) d14eyr_(x)
98	Refused	d14emon_ f(x)_(x)s f(x)_(x)e e5jsyr_(x) e5jsmon_(x)
99	NA	(x) e5jeyr_(x) e5jemon_(x)